COMMITTENTE:

RFI RETE FERROVIARIA ITALIANA
GRUPPO FERROVIE DELLO STATO ITALIANE

DIREZIONE INVESTIMENTI
DIREZIONE PROGRAMMI INVESTIMENTI
DIRETTRICE SUD - PROGETTO ADRIATICA

DIREZIONE LAVORI:

ITALFERR
GRUPPO FERROVIE DELLO STATO ITALIANE

APPALTATORE:

Mandataria

A.D'AGOSTINO COSTRUZIONI GENERALI

Mandanti

ReseArch

ATLANTE

PROGETTAZIONE:

MANDATARIA

HUB ENGINEERING
CONSORZIO STABILE SOCIETÀ CONSORTILE A R.L.

MANDANTI

HYpro S.r.l.

PROGETTO ESECUTIVO

LINEA PESCARA - BARI
RADDOPPIO DELLA TRATTA FERROVIARIA TERMOLI - LESINA
LOTTI 2 e 3 - RADDOPPIO TERMOLI - RIPALTA

Relazione di calcolo impalcato passerella (compreso telai metallici superiori)

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L'Appaltatore		I progettisti (il Direttore della progettazione)	
Ing. Gianguido Babini	A.A.D'AGOSTINO COSTRUZIONI GENERALI S.r.l. Il Direttore Tecnico (Ing. Gianguido Babini)	Ing. Massimo Facchini	
Data **18/12/2022**	*firma*	*Data* **18/12/2022**	*firma*

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC	OPERA / DISCIPLINA	PROGR	REV	SCALA
L I 0 B	0 2	E	Z Z	C L	F V 0 1 0 0	0 0 2	B	---

Rev.	Descrizione	Redatto	Data	Verificato	Data	Approvato	Data	Autorizzato/Data
A	Prima emissione	D.Salzillo	12/12/2022	G.Mennillo	14/12/2022	R.Fabrizio	16/12/2022	
B	Revisione per RDV LI0B-RV-0000000336	D.Salzillo	07/07/2023	G.Mennillo	10/07/2023	R.Fabrizio	12/07/2023	M. Facchini 14/07/2023

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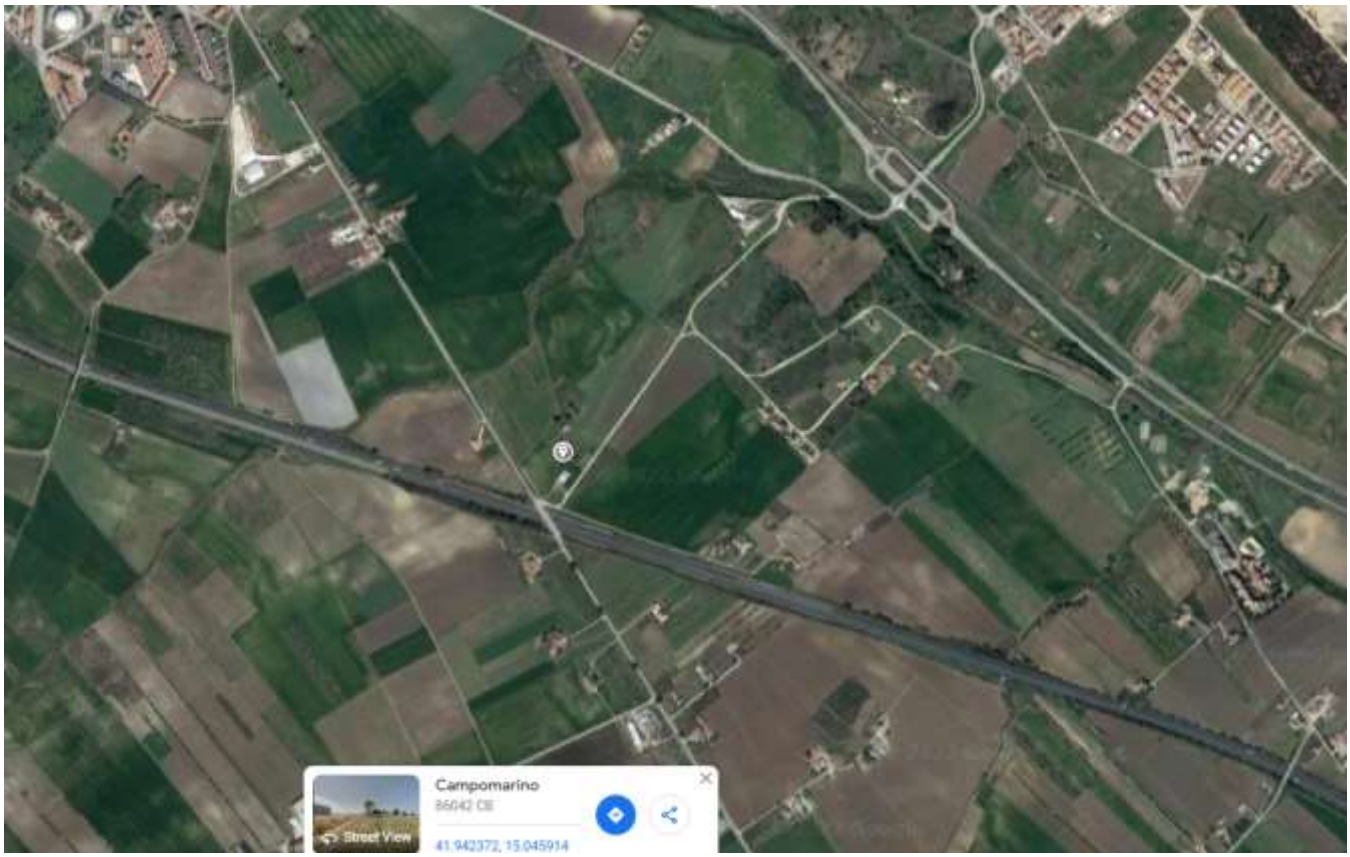
1. PREMESSA

La presente relazione descrive la progettazione strutturale della passerella pedonale presso la nuova fermata Campomarino del raddoppio ferroviario della linea Bari – Pescara, nella tratta Termoli – Ripalta, in provincia di Campobasso (CB).

Si precisa da subito che per il calcolo e la descrizione delle sottostrutture si rimanda alla relazione di riferimento “relazione di calcolo delle fondazioni della passerella pedonale”.

Si riporta di seguito la localizzazione dell’area di intervento:



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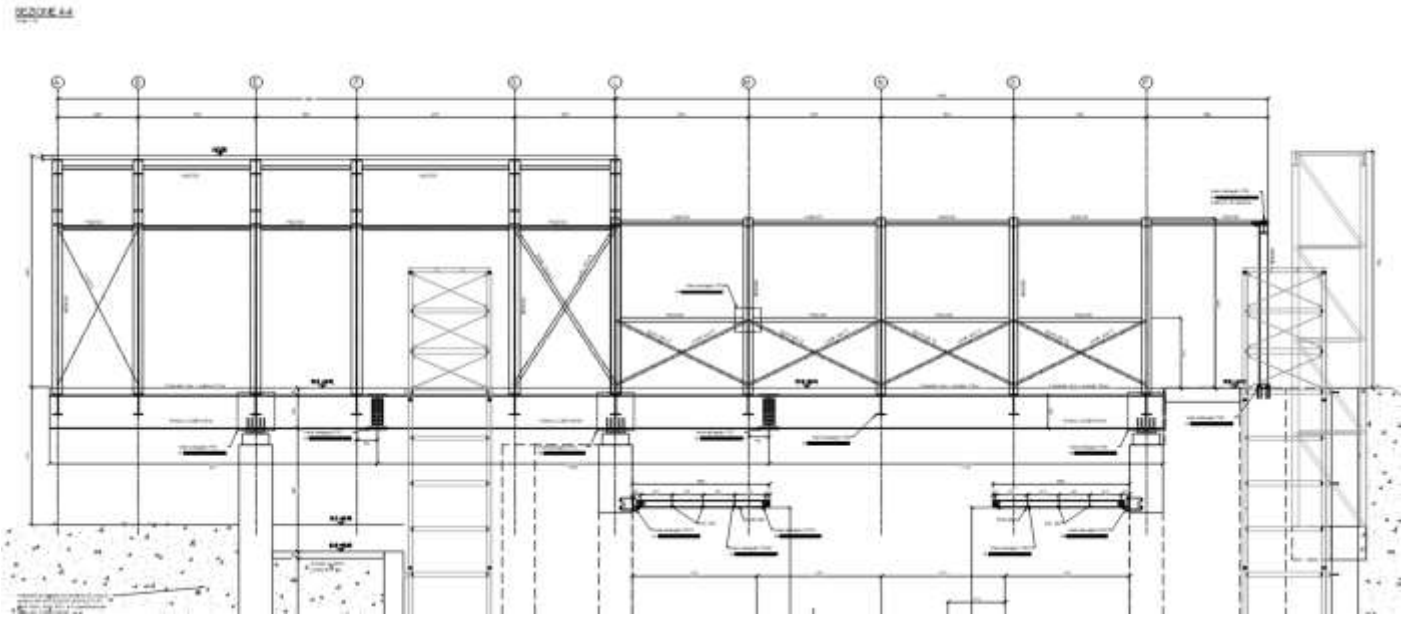
Le coordinate geografiche del sito in oggetto, nel sistema WGS84, sono le seguenti:

- LATITUDINE: 41.9420;
- LONGITUDINE: 15.0500;

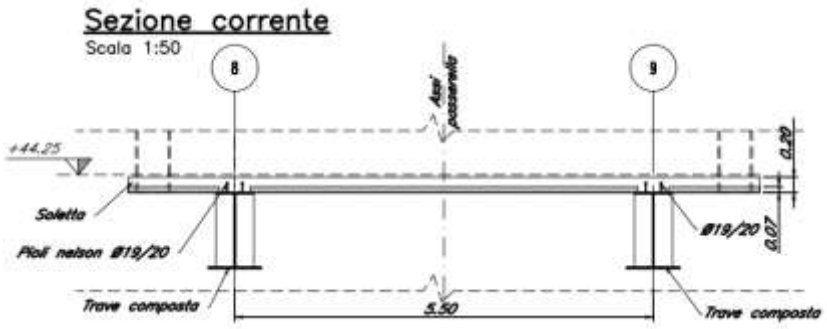
La struttura in esame, situata nel comune di Campomarino (CB), ricade in zona sismica 2 secondo la “Riclassificazione sismica del territorio regionale e nuova normativa sismica”.

2. DESCRIZIONE DELLA STRUTTURA

L'impalcato bi trave sarà realizzato con una soluzione mista acciaio calcestruzzo. Lo schema statico è unta trave continua su 2 campate di luce 15.8m e 10.7m e uno sbalzo finale di 6.15m. Sulle travi di altezza 1,00m sarà gettata una soletta di spessore di 20cm, comprensivo dello spessore delle predalle di 7cm. L'interasse tra le travi è costante e pari a 5.50m.



Profilo Longitudinale passerella pedonale



Sezione corrente

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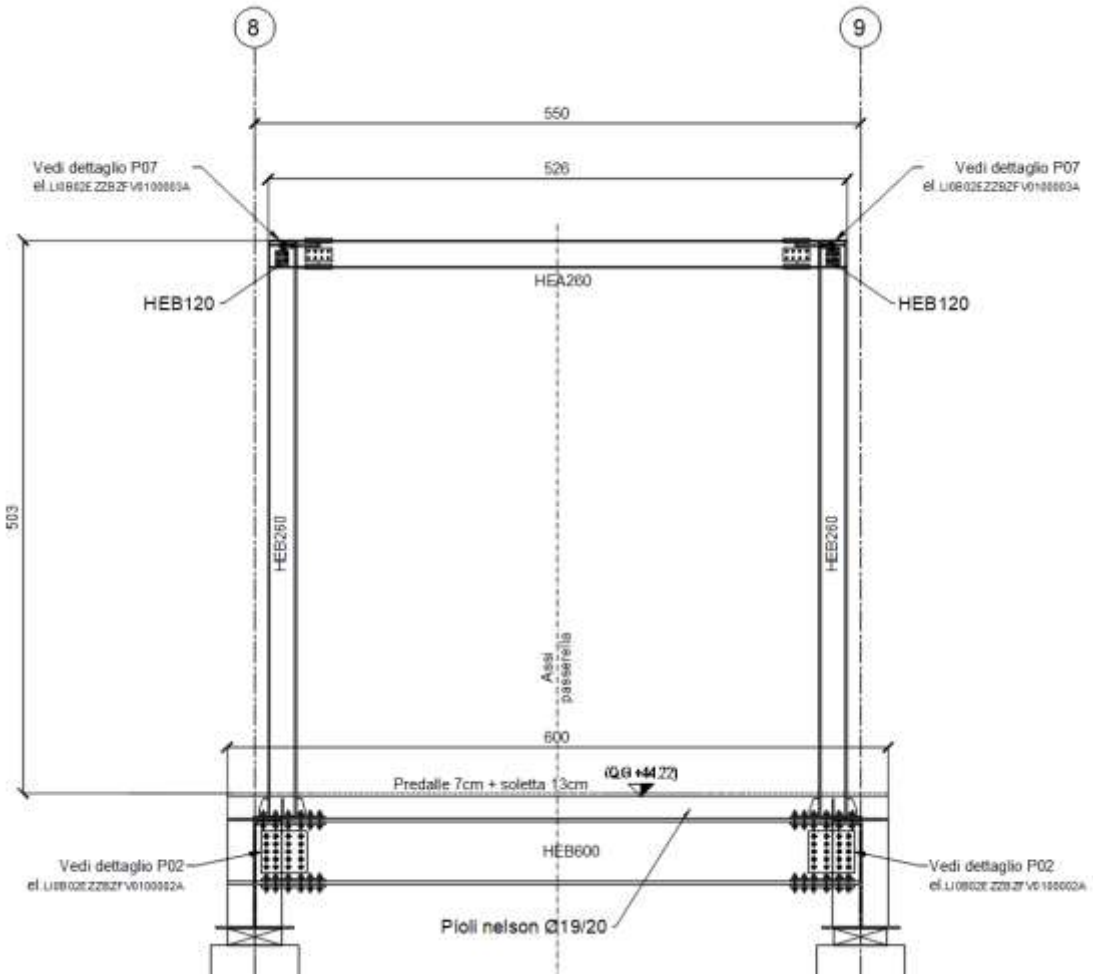
La particalorità di questa struttura è che verranno realizzati dei telai strutturali sull'impalcato con il compito di portare i carichi gravanti su diverse tipologie di coperture. Per la campata che transita sui binari, lato Sud della stazione, è realizzati dei telai in acciao con interasse costante a 3.95m. Strutturalemte sono previsti dei controventi di piano e verticali per ridurre al minimo alla deformabilità dei telai.



Telaio semplice su luce maggiore di 15.8m

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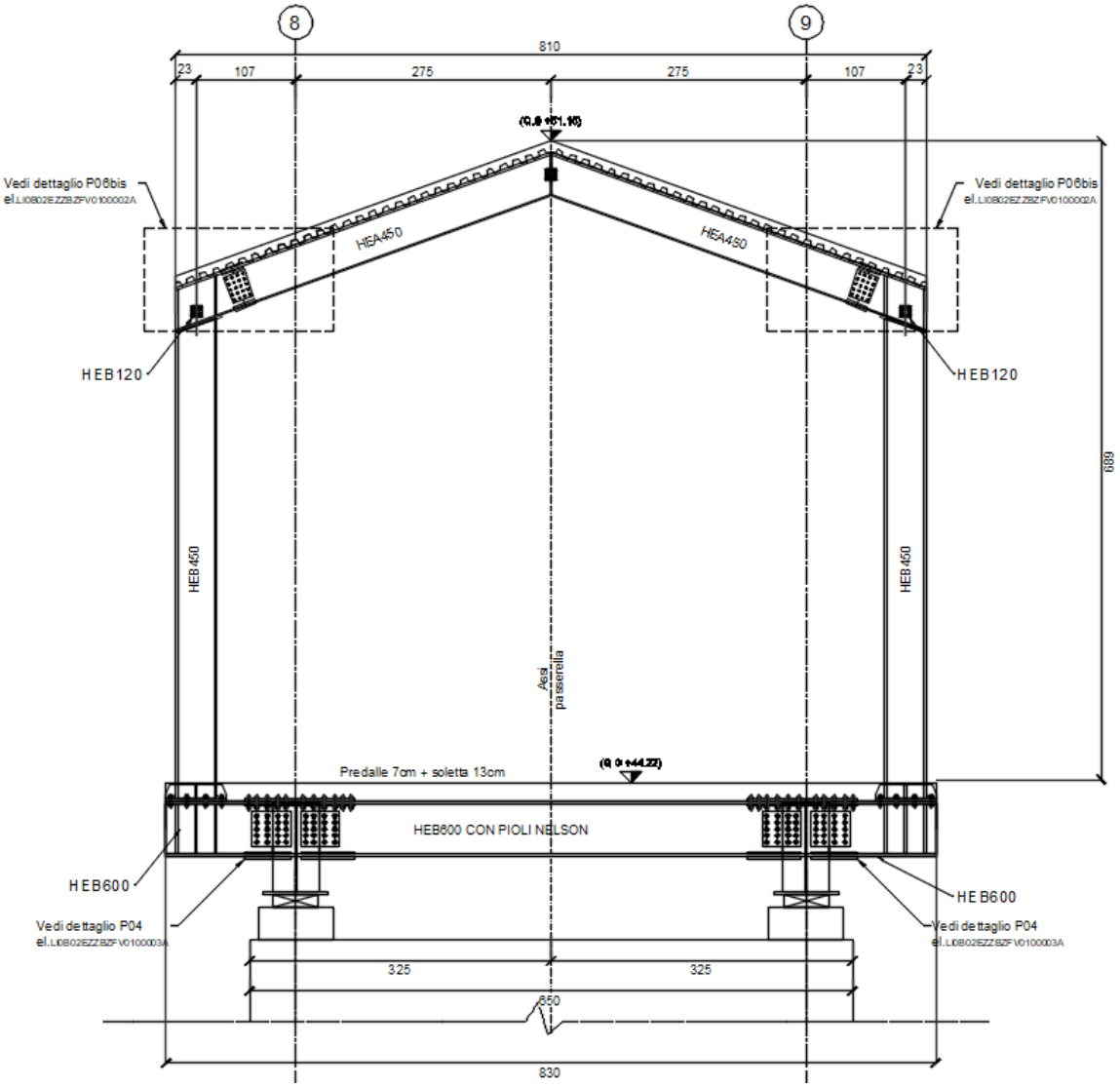

Telaio più complesso su luce 10.7m e sbalzo 6.15m

Sulla luce minore di 10.70m e sulle travi a sbalzo verrano realizzati dei telai più complessi di luce 8.10m. Sulle travi principali sarà alloggiato in pannello metallico autoportante anche in questo caso sono previsti controventi di piano e verticali per ridurre al minimo alla deformabilità dei telai.

Nel progetto in esame è prevista la realizzazione di tre setti a supporoto della passerella denominati allineamento P, allineamento L ed allineamento E; i primi due sono adibiti anche a vano ascensore mentre il terzo è destinato alla sola funzione di sostegno strutturale, per tale motivo i primi hanno sezione scatolare ed il terzo rettangolare.
Segue una vista planimetrica ed in sezione di tali setti.

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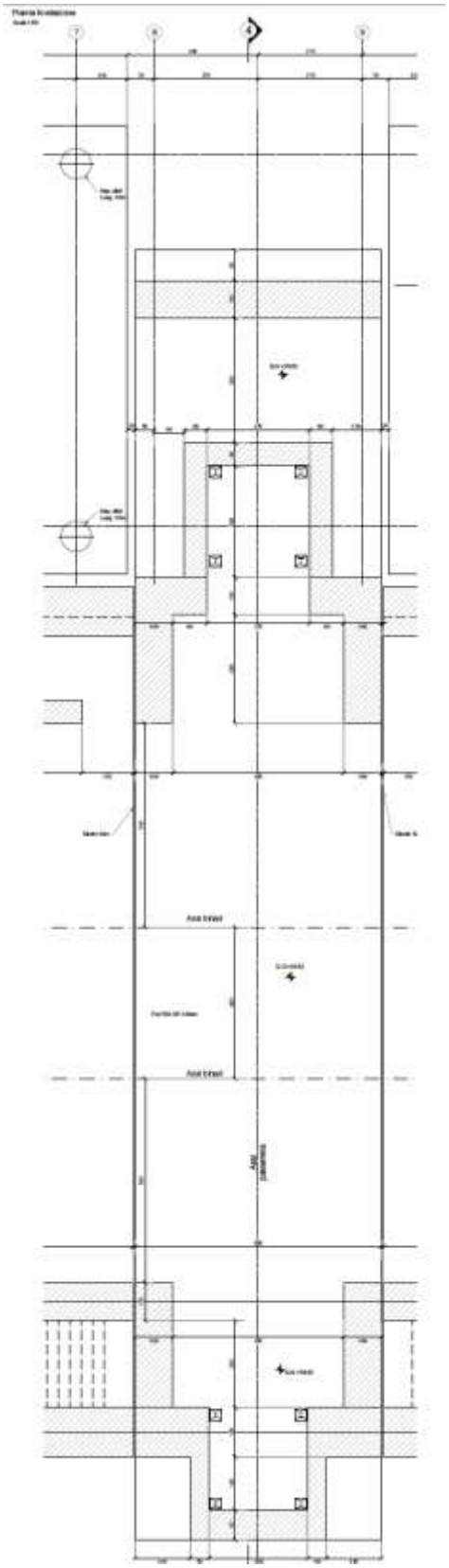

Pianta carpenteria fondazione passerella

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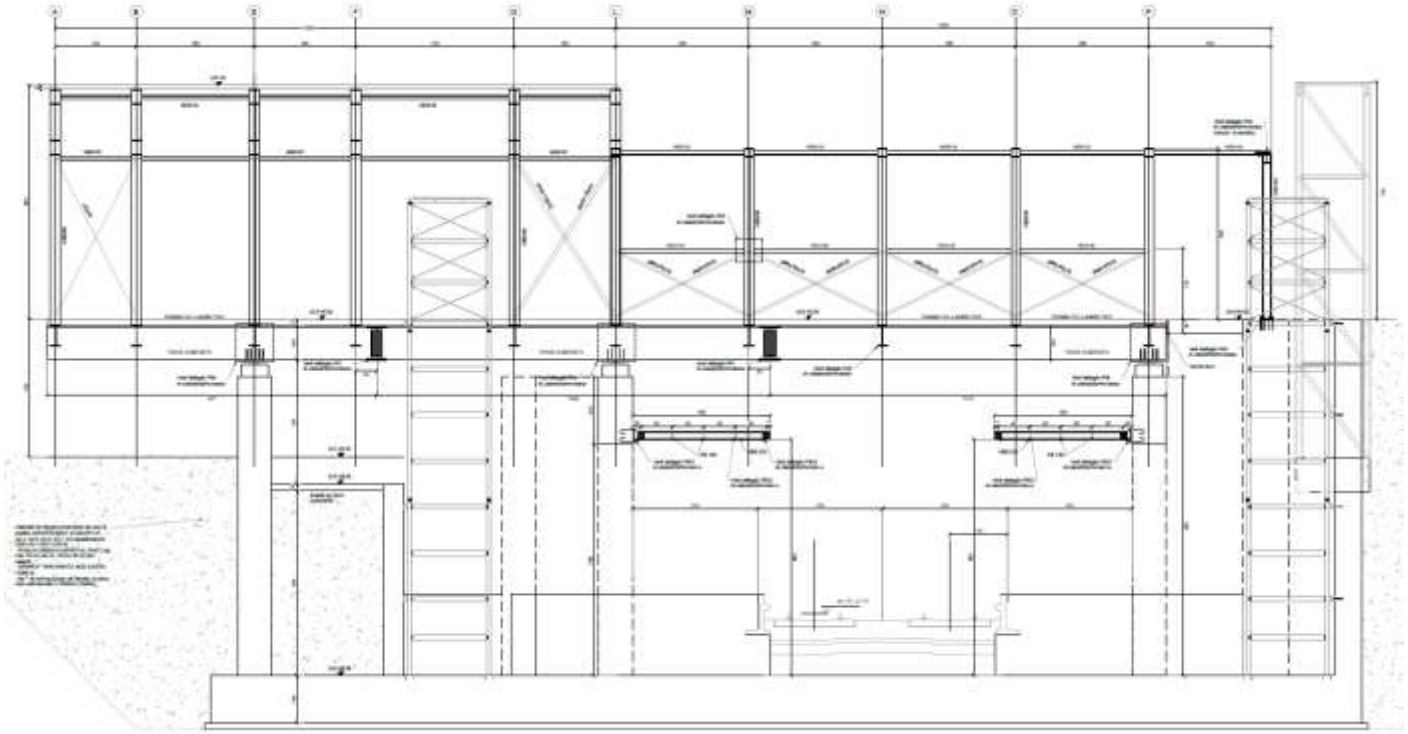

Sezione Carpenteria setti

Il setto allineamento E è un parallelepipedo alto 8.90m al di sopra della fondazione, largo 6.50m e spesso 1m; tale setto è pertanto caratterizzato da un volume di circa 60m^3. Il setto allineamento L è anch'esso alto 8.90 m e largo di 6.5m, ma a differenza del precedente la sezione è cava ed ha uno spessore di circa 4m. Il setto allineamento P è simile al precedente, fatta eccezione per l'altezza massima, pari a 10.60 m; Il setto allineamento P è più alto poiché tale elemento raggiunge l'estradosso della passerella con una soletta di completamento, spessa 40cm, che garantisce il passaggio agli utenti.

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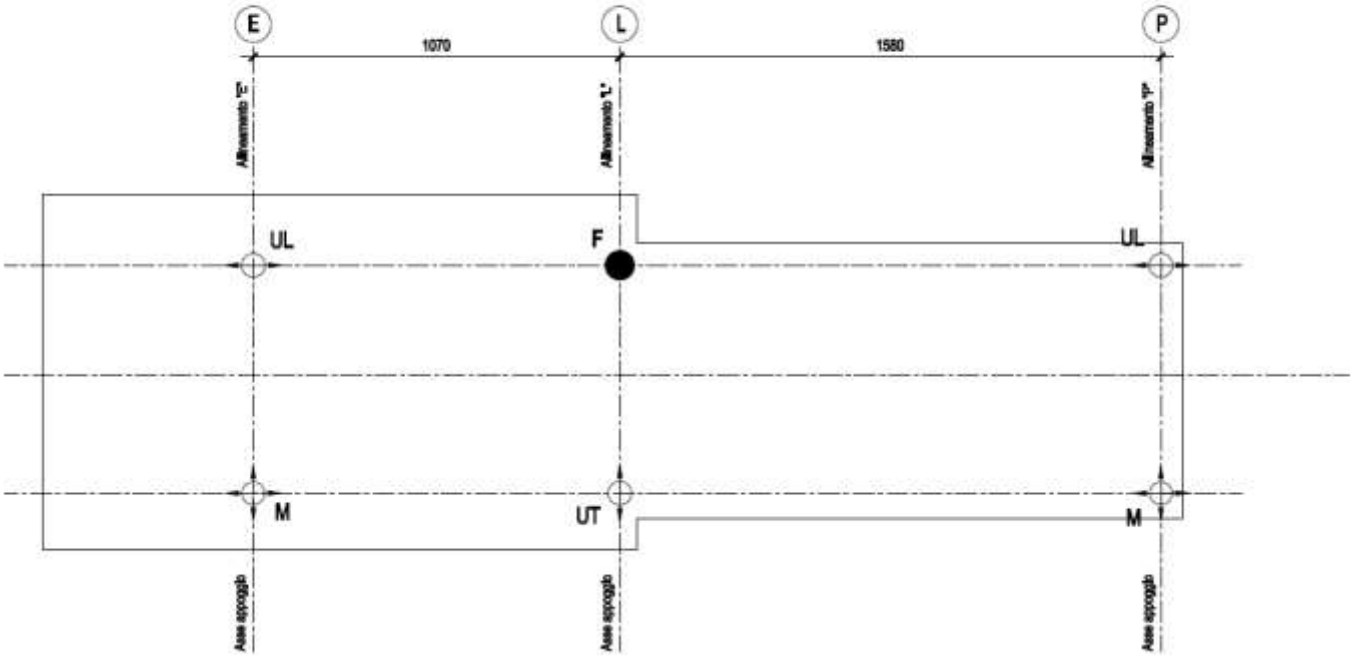
La passerella poggia sui setti in cemento armato attraverso dispositivi d'appoggio configurati in modo da rendere il sistema isostatico nelle direzioni orizzontali.

SCHEMA PLANIMETRICO DISPOSIZIONE APPARECCHI DI APPOGGIO



Configurazione dispositivi d'appoggio

Si prevede poi la realizzazione di due ascensori realizzati con carpenteria metallica che collegano la passerella al piano delle banchine.

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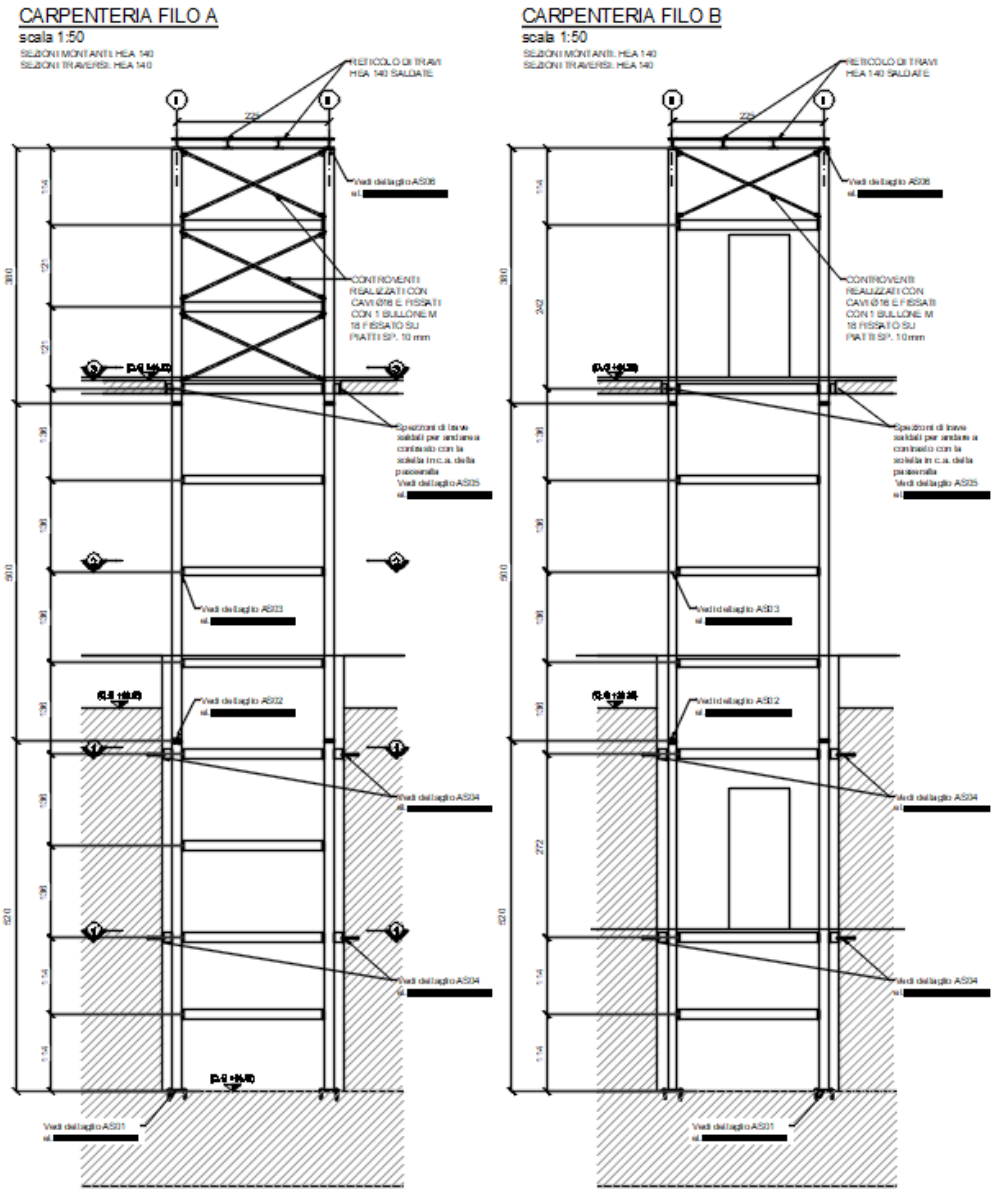

Carpenterie metalliche castelletto ascensore

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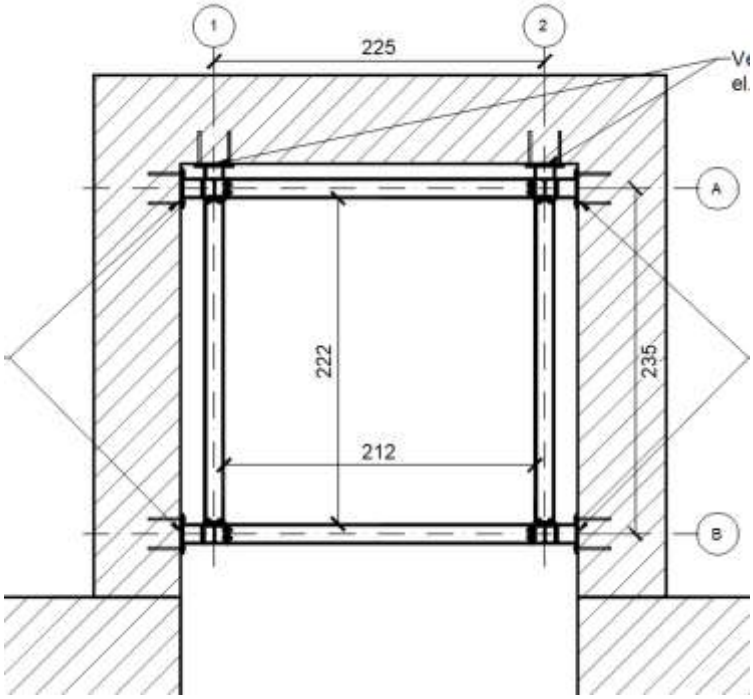

Pianta carpenteria metallica castelletto ascensore

Per tutti i dettagli maggiori si rimanda alle tavole di carpenteria di riferimento.

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3. NORME DI RIFERIMENTO

- D.Min. Infrastrutture Min. Interni e Prot. Civile 14 Gennaio 2008 e allegate "Norme tecniche per le costruzioni"
- D.Min. Infrastrutture Min. Interni e Prot. Civile CIRCOLARE 617 Febbraio 2009 e allegate Istruzioni per l'applicazione delle "Norme tecniche per le costruzioni"
- Ordinanza del Presidente del Consiglio dei Ministri n. 3274 del 20 marzo 2003 "Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica" e successive modificazioni e integrazioni
- UNI EN 1993-1-1:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-1: Regole generali e regole per gli edifici
- UNI EN 1993-1-8:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-8: Progettazione dei collegamenti
- UNI EN 1994-1-1:2005 01/03/2005 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici
- UNI EN 1997-1:2005 01/02/2005 Eurocodice 7 - Progettazione geotecnica - Parte 1: Regole generali
- UNI EN 1998-1:2005 01/03/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 1: Regole generali, azioni sismiche e regole per gli edifici
- UNI EN 1998-5:2005 01/01/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici
- CNR-DT207/2008 Istruzioni per la valutazione delle azioni e degli effetti del vento sulle costruzioni
- UNI 11104: Calcestruzzo: Specificazione, prestazione, produzione e conformità - Istruzioni complementari per l'applicazione della EN 206-1
- Regolamento (UE) N° 1299/2014 della Commissione del 18 novembre 2014 relativo alle specifiche tecniche di interoperabilità per il sottosistema "Infrastruttura" del sistema ferroviario dell'Unione europea, modificato dal Regolamento di esecuzione (UE) N° 776/2019 della Commissione del 16 maggio 2019
- Eurocodici EN 1991-2: 2003/AC:2010
- RFI DTC SI MA IFS 001 B del 22-12-17 - Manuale di Progettazione delle Opere Civili

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4. VITA NOMINALE, CLASSI D'USO E PERIODO DI RIFERIMENTO

Per la struttura vengono considerate le seguenti caratteristiche come previsto nel "Manuale di Progettazione delle Opere Civili" - RFI DTC SI AM MA IFS 001 A del 28.03.2008:

Vita nominale: 75 anni
Classe d'uso: III
Coefficiente d'uso: Cu = 1,5
Periodo di riferimento Vr = 112.5 anni.

5. MATERIALI

I materiali impiegati nella progettazione strutturale sono i seguenti:

- C32/40 per tutte le strutture gettate in opera;
- Acciaio tipo B450C ad aderenza migliorata per i ferri di armatura;
- Acciaio S355 per carpenteria metallica;
- Bulloni, viti, perni cl 8.8;
- Saldature

Di seguito sono specificate le caratteristiche dei materiali elencati.

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C32/40 per le strutture gettate in opera:

Classe	R_{ck} [MPa]	f_{ck} [MPa]	α_{cc}	γ_{cls}	f_{cd} [MPa]	f_{ctm} [MPa]	E [MPa]	G [MPa]
C32/40	40	33.20	0.85	1.5	18.81	3.10	33643	14018

Classe esposizione	Minima classe di resistenza	Rapporto $(A/C)_{max}$	Quantità minima cemento [kg/m³]
XC1	C25/30	0.6	300

B450C ad aderenza migliorata per i ferri di armatura:

Classe acciaio	f_{yk} [MPa]	γ_s	f_{tk} [MPa]	E_s [MPa]	f_{yd} [MPa]	ε_{yd}	ε_{uk}	$(f_y/f_{y,nom})_k$	ε_{ud}	$k = (f_t/f_y)_k$	$\sigma_{s,Rara}$ [MPa]
B450C	450.00	1.15	540.00	210,000	391.30	0.00186	0.07500	≤ 1.25	0.06750	1.15 - 1.35	360.00

Acciaio S355 per carpenteria metallica:

- Tipologia laminati: Laminati a caldo con profili a sezione aperta
- Spessore nominale elemento: $t \leq 40mm$
- Dimensioni secondo UNI 5397
- Saldature con elettrodi secondo UNI 5132
- Struttura non protetta
- Temperatura minima del sito $T_{md} = -25$ °C
- Temperatura di riferimento $T_{Ed} = -25$ °C

Classe acciaio	Subgrade	f_{tk} [MPa]	E_s [MPa]	ν	G_s [MPa]	f_{yk} [MPa]	γ_{Rd}	γ_{M0}	γ_{M1}	γ_{M2}	β	β_1	β_2
S 355 - UNI EN 10025-2	JR	510	210000	0.3	80769.2307692308	355	1.1	1.05	1.05	1.25	0.9	0.7	0.85

Bulloni, viti e perni:

- Caratteristiche dimensionali conformi alle norme UNI EN ISO 4016:2002 e UNI 5592:1968
- Viti conformi alla norma UNI EN ISO 898-1:2001
- Dadi conformi alla norma UNI EN 20898-2:1994
- Rosette in acciaio C 50 UNI EN 10083-2:2006 temperato e rinvenuto HRC 32-40
- Piastrine in acciaio C 50 UNI EN 10083-2:2006 temperato e rinvenuto HRC 32-40

Classe bulloni	Classe dado	f_{yb} [MPa]	f_{tb} [MPa]	α_V	γ_{M2}	γ_{M3}	$\gamma_{M6,ser}$	γ_{M7}
8.8	8	640.00	800.00	0.6	1.25	1.25	1.00	1.10

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Saldature:

Le saldature dovraano essere eseguite secondo i procedimenti omlogati e qualificati previsti dalle Norme tecniche NTC2008.

6. TERRENO DI FONDAZIONE

Le fondazioni del fabbricato oggetto di studio interagiscono con le unità geotecniche CGC2 – Conglomerati di Campomarino (Argille limose e limi argillosi) e SSR – Sabbie di Serracapriola (Sabbia, sabbia limosa).
Si riportano di seguito i parametri geotecnici di riferimento per le due unità:

Conglomerati di Campomarino - Unità CGC2 (Argille limose e limi argillosi)

$\gamma = 18.5 \div 20.5$ kN/m^3	peso di volume naturale
c’ = 15÷20 kPa	coesione drenata
φ' = 20÷26 °	angolo di resistenza al taglio
cu = 75÷250 kPa	resistenza al taglio in condizioni non drenate
Vs = 165÷200 m/s	velocità delle onde di taglio
Go = 50÷150 MPa	modulo di deformazione a taglio iniziale
Eo = 140÷400 MPa	modulo di deformazione elastico iniziale

Sabbie di Serracapriola – Unità SSR (Sabbia, sabbia limosa)

$\gamma = 19 \div 20$ kN/m^3	peso di volume naturale
c’ = 0÷5 kPa	coesione drenata
φ' = 33÷37 °	angolo di resistenza al taglio
Vs = 200÷500 m/s	velocità delle onde di taglio;
Go = 75÷300 MPa	modulo di deformazione a taglio iniziale
Eo = 200÷800 MPa	modulo di deformazione elastico iniziale

Sulla base dei risultati ottenuti dalle indagini geotecniche eseguite è possibile ascrivere il sottosuolo ad una **categoria tipo C.**

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7. ANALISI DEI CARICHI

7.1 CARICHI PERMANENTI STRUTTURALI

- Acciaio: W = 78.50 kN/m^3 maggiorato del 20 % per tener conto di fazzoletti, bulloni, pioli etc.
- Calcestruzzo Armato: W = 25 kN/m^3

7.2 CARICHI PERMANENTI NON STRUTTURALI

- Pannelli autoportanti di copertura più eventuali sottostrutture aggiuntive = 1 kN/mq

- Pannelli di tamponamento = 1 kN/mq

- Massetto, allettamento più pavimentazione soletta passerella = 1.5 kN/mq

7.3 CARICO VARIABILE ANTROPICO

Per il carico da folla si sono seguite due condizioni diverse. Per la soletta da impalcato si è assunto lo schema di carico 5 previsto dalle NTC'08:

> ***Schema di Carico 5:*** costituito dalla folla compatta, agente con intensità nominale, comprensiva degli effetti dinamici, di 5,0 kN/m^2. Il valore di combinazione è invece di 2,5 kN/m^2. Il carico folla deve essere applicato su tutte le zone significative della superficie di influenza, inclusa l'area dello spartitraffico centrale, ove rilevante.

Il carico è stato applicato secondo le due configurazioni che massimizzano di volta in volta le sollecitazioni nelle due campate della passerella (schema a scacchiera)

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Per quanto riguarda invece la copertura del telaio è stata applicato un carico da coperture e sottotetti:

Cat.	Ambienti	q_k [kN/m^2]	Q_k [kN]	H_k [kN/m]
H	**Coperture e sottotetti**			
	Cat. H1 Coperture e sottotetti accessibili per sola manutenzione	0,50	1,20	1,00
	Cat. H2 Coperture praticabili	secondo categoria di appartenenza		
	Cat. H3 Coperture speciali (impianti, eliporti, altri) da valutarsi caso per caso	—	—	—

7.4 AZIONE DEL VENTO

Le azioni del vento sulla copertura e sulla struttura in elevazione sono state considerate in accordo al punto 3.3 – NTC2008.
Per il calcolo dell'azione statica equivalente dovuta al vento, si è fatto riferimento al Comune di Campomarino sito in zona 3, con altezza sul livello del mare del sito di progetto pari a 40 m;

Zona vento = 3
Velocità base della zona, Vb.o = 27 m/s (Tab. 3.3.I)
Altitudine base della zona, Ao = 500 m (Tab. 3.3.I)
Altitudine del sito, As = 52 m
Velocità di riferimento, Vb = 27.00 m/s (Vb = Vb.o per As ≤ Ao)
Periodo di ritorno, Tr = 50 anni
Cr = 1 per Tr = 50 anni
Velocità riferita al periodo di ritorno di progetto, Vr = Vb Cr = 27.00 m/s

Classe di rugosità del terreno: D
[Aree prive di ostacoli o con al di più rari ostacoli isolati (aperta campagna, aeroporti, aree agricole, zone paludose o sabbiose, superfici innevate o ghiacciate, mare, laghi,..)]

Esposizione: Cat. I - Mare entro 2 km dalla costa
(Kr = 0.17; Zo = 0.01 m; Zmin = 2 m)
Pressione cinetica di riferimento, qb = 46 daN/mq

Coefficiente di forma, Cp = 1.00
Coefficiente dinamico, Cd = 1.00
Coefficiente di esposizione, Ce = 2.89
Coefficiente di esposizione topografica, Ct = 1.00
Altezza dell'edificio, h = 12.00 m

Pressione del vento, p = qb Ce Cp Cd = 132 daN/mq

PRESSIONE DEL VENTO SOPRAVENTO: 132 X 0.8 = 105,6 kg/m^2
PRESSIONE DEL VENTO SOTTOVENTO: 132 X -0.4 = -52,80 kg/m^2

Nel modello di calcolo in maniera cautelativa e per considerare le superfici non inserite nel modello si è considerato:

PRESSIONE DEL VENTO SOPRAVENTO: 160 kg/m^2
PRESSIONE DEL VENTO SOTTOVENTO: -80 kg/m^2

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7.5 AZIONE DELLA NEVE

Si riporta il calcolo del carico da neve hai sensi delle NTC 2008

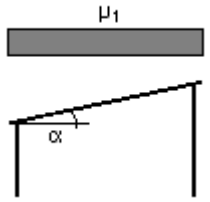
Zona Neve = II
Periodo di ritorno, Tr = 50 anni
Ctr = 1 per Tr = 50 anni
Ce (coeff. di esposizione al vento) = 1.00
Valore caratteristico del carico al suolo = qsk Ce Ctr = 100 daN/mq

Copertura ad una falda:

Angolo di inclinazione della falda α = 0.0°
- Copertura piana W = 10.0 m, L = 50.0 m => Lc = 18.0, Cef = 1.000

μ1 = 0.80 => Q1 = 80 daN/mq

Schema di carico:



N.B. Sui solai di copertura accessibili per sola manutenzione si è assunto un valore del carico variabile pari a 90 kg/mq derivante dalla combinazione dei carichi variabili attraverso i coefficienti psi:

CARICO VARIABILE SU COPERTURE NON PRATICABILI: 50 kg/mq + 80 kg/mq X 0.5 = 90 kg/mq

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7.6 VARIAZIONI TERMICHE

Nel caso in cui la temperatura non costituisca azione fondamentale per la sicurezza o per la efficienza funzionale della struttura è consentito tener conto, per gli edifici, della sola componente Tu, ricavandola direttamente dalla Tab. 3.5.II delle NTC 2008 che viene riportata nel seguito.

Tabella 3.5.II – *Valori di* ΔT_u *per gli edifici*

Tipo di struttura	ΔT_u
Strutture in c.a. e c.a.p. esposte	± 15 °C
Strutture in c.a. e c.a.p. protette	± 10 °C
Strutture in acciaio esposte	± 25 °C
Strutture in acciaio protette	± 15 °C

Si considerano pertanto le due condizioni di carico elementare:

Temp+) ΔT = +/-15 °C per le strutture in c.a.
Temp -) ΔT = +/-25 °C per le strutture in acciaio

Nel modello di calcolo tale differenza è considerata modificando il coefficiente di dilatazione termica dall'acciaio in modo da avere una deformata maggiore a quella del calcestruzzo e corrispondente a quanto richiesto dalla norma.

Per l'impalcato invece si ricava direttamente dal paragrafo 5.2.2.5.2 delle NTC'08 per impalcati in misto acciaio calcestruzzo si assume una variazione termica unifore di:

Temp+) ΔT = +15 °C
Temp -) ΔT = -15 °C

e una variazione termica non uniforme, una differenza di temperatura di 5°C tra la soletta in calcestruzzo e la trave in acciaio.
Nel modello di calcolo tale differenza è considerata modificando il coefficiente di dilatazione termica della soletta in cemento armato in modo da avere una deformata maggiore a quella del calcestruzzo e corrispondente a quanto richiesto dalla norma.

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5.2.2.5.2 Temperatura

Le azioni della temperatura sono definite al § 3.5 delle presenti Norme Tecniche.

Nelle stesse norme sono individuate le metodologie per valutare l'effetto dell'azione. Le strutture andranno progettate e verificate nel rispetto di queste azioni.

Qualora non si reputi di eseguire uno studio termodinamico degli effetti della temperatura, in via approssimata, essenzialmente per la valutazione delle deformazioni e/o degli stati tensionali delle strutture correnti, possono assumersi i seguenti campi di variazione termica per la struttura.

a) variazione termica uniforme volumetrica

Le variazioni termiche uniformi da considerare per le opere direttamente esposte alle azioni atmosferiche, rispetto alla temperatura media dal sito, in mancanza di studi approfonditi sono da assumersi pari a:

- Impalcato in calcestruzzo, c.a. e c.a.p. $\Delta T = \pm 15°C$
- Impalcato in struttura mista acciaio - calcestruzzo $\Delta T = \pm 15°C$

b) variazione termica non uniforme.

In aggiunta alla variazione termica uniforme, andrà considerato un gradiente di temperatura di 5°C fra estradosso ed intradosso di impalcato con verso da determinare caso per caso.

Nel caso di impalcati a cassone in calcestruzzo, andrà considerata una differenza di temperatura di 5°C con andamento lineare nello spessore delle pareti e nei due casi di temperatura interna maggiore/minore dell'esterna.

Nei ponti a struttura mista acciaio-calcestruzzo, andrà considerata anche una differenza di temperatura di 5°C tra la soletta in calcestruzzo e la trave in acciaio.

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7.7 EFFETTI REOLOGICI

L'effetto del ritiro viene considerato assuemendi i seguenti parametri.

Cls a t=0

f_{ck}	32	MPa	
f_{cm}	49.5	MPa	
α	0.00001		
E_{cm}=	33345.7645	MPa	
cls tipo	S		
k=	1		*coeff. di correzione di Ecm*
E_{cm}=	33345.7645	MPa	

Tempo e ambiente

t_s=	2	gg	*età del cls in gg, all'inizio del ritiro per essiccamento*
$t_{o,T}$=	2	gg	*età del cls in gg, al momento del carico*
t=	100000	gg	*età del cls in gg*
Ac=	1079000	mm^2	*sezione dell'elemento*
u=	400	mm	*perimetro a contatto con l'atmosfera*
h_0=2Ac/u	5395	mm	*dimensione fitizia dell'elemento di cls*
RH=	75	%	*umidità relativa percentuale*

Coefficiente di viscosità φ(t,to) e modulo elastico E_{ct} a tempo "t"

φ(t,to)=	$\varphi_o\beta_c(t,t_o)$=	3.086	
$\varphi_o=\varphi_{RH}\,\beta(f_{cm})\,\beta(t_o)$=		3.172	*coefficiente nominale di viscosità*
φ_{RH}=	$1+\left[\frac{1-RH/100}{0.1\sqrt[3]{h_0}}\,\alpha_1\right]\alpha_1$	1.35	*coefficiente che tiene conto dell'unimidità*
α_1 =	$\begin{cases}(\frac{35}{f_{cm}})^{0.7} per\ f_{cm}>35MPa\\ 1 \quad per\ f_{cm}\le 35MPa\end{cases}=$	0.785	*coeff. per la resistenza del cls*
α_2 =	$\begin{cases}(\frac{35}{f_{cm}})^{0.2} per\ f_{cm}>35MPa\\ 1 \quad per\ f_{cm}\le 35MPa\end{cases}=$	0.933	*coeff. per la resistenza del cls*
$\beta(f_{cm})$=	$\frac{16.8}{\sqrt{f_{cm}}}=$	2.388	*coeff. che tiene conto della resistenza del cls*
$\beta(t_o)$=	$\frac{1}{(0.1+t_{o,T}^{0.2})}=$	0.984	*coeff. per l'evoluzione della viscosità nel tempo*
t_o=	$t_{o,T}(\frac{9}{(2+t_{o,T}^{1.2})}+1)^{\alpha}=$	0.65	
α=		-1	*coeff. Tipo cemento*
β_c(t,to)=	$\left[\frac{t-t_o}{\beta_H+t-t_o}\right]^{0.3}=$	0.973	*coeff. per la variabilità di viscosità nel tempo*

$$\beta_H=\begin{cases}1.5\left[1+(0.012RH)^{18}\right]h_o+250\le 1500\ per\ f_{cm}>35\\ 1.5\left[1+(0.012RH)^{18}\right]h_o+250\alpha_3\le 1500\alpha_3\ per\ f_{cm}\le 35\end{cases}$$ (7.4) *coeff. dell'umidità relativa*

$$\alpha_3=\begin{cases}(\frac{35}{f_{cm}})^{0.5} per\ f_{cm}>35MPa\\ 1 \quad per\ f_{cm}\le 35MPa\end{cases}=$$ 0.841

Modulo Elastico al tempo "t" è pari a:

Ecm(t,to)= 8160.59788 MPa

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Deformazioni Ritiro

$\varepsilon_s(t,to)=$ $\varepsilon_{cd}(t,to)+\varepsilon_{ca}(t)=$ 0.00019 *deformazione di ritiro*

$\varepsilon_{cd}(t,to)=$ $\beta_{ds}(t,t_s)K_h\varepsilon_{cd,o}=$ 0.00013 *deformazione dovuta al ritiro per essiccamento*

$\beta_{ds}(t,t_s)=$ $\left[\frac{t-t_s}{(t-t_s)+0.04\sqrt{h_o^3}}\right]=$ 0.863

$k_h=$ 0.7 *parametro che dipende da ho*

h_0(mm)	k_h
100	1
200	0.85
300	0.75
=>500	0.7

Valori di K_h intermedi a quelli del prospetto vengono calcolati tramite interpolazione lineare.

$\varepsilon_{cd}=$ $0.85\left[(220+110\alpha_{ds1})exp^{\left(-\alpha_{ds2}\frac{f_{cm}}{f_{cmo}}\right)}\right]10^{-6}\beta_{RH}$ 0.00022

$\beta_{RH}=$ $1.55\left[1-(\frac{RH}{RH_0})^3\right]=$ 0.89609

$f_{cmo}=$ 10 MPa

$R_{ho}=$ 100 %

$\alpha_{ds1}=$ 3 coeff. Tipo cemento

$\alpha_{ds2}=$ 0.13 coeff. Tipo cemento

εca(t)= $\beta_{as}(t)\varepsilon_{ca\infty}=$ 0.000055

$\beta_{as}(t)=$ $1\text{-}exp^{(-0.2t^{0.5})}=$ 1.0

$\varepsilon_{ca\infty}=2.5(f_{ck}-10)10^{-6}=$ 0.000055

Variazione termica uniforme equivalente agli effetti di ritiro

$\Delta T_{ritiro}=$ $-\frac{\varepsilon_s(t,t_o)E_{cm}}{(1+\varphi_o(t,t_o)E_{cm}\alpha}=$ -4.60 °C

Verrà applicata alla soletta shell una temperature equivalente pari a 5°C.

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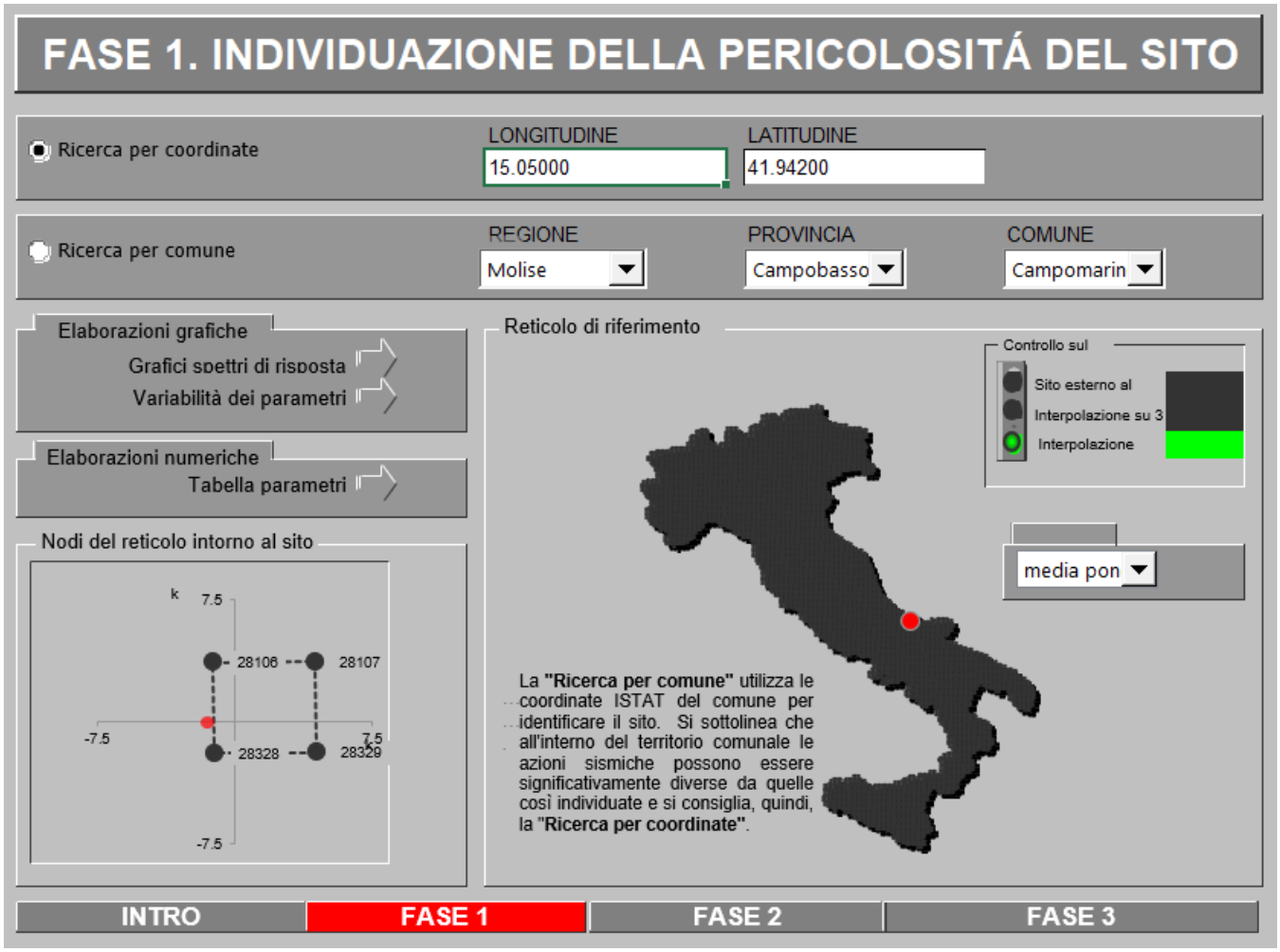
7.8 AZIONE SISMICA

Il modello di riferimento per la descrizione del moto sismico sul piano di fondazione è costituito dallo spettro di risposta elastico. Di seguito sono riportati i principali parametri dell'azione sismica presa in considerazione e gli spettri utilizzati calcolati con il foglio di calcolo del Consiglio Superiore dei Lavori Pubblici Spettri NTC 1.0.3.



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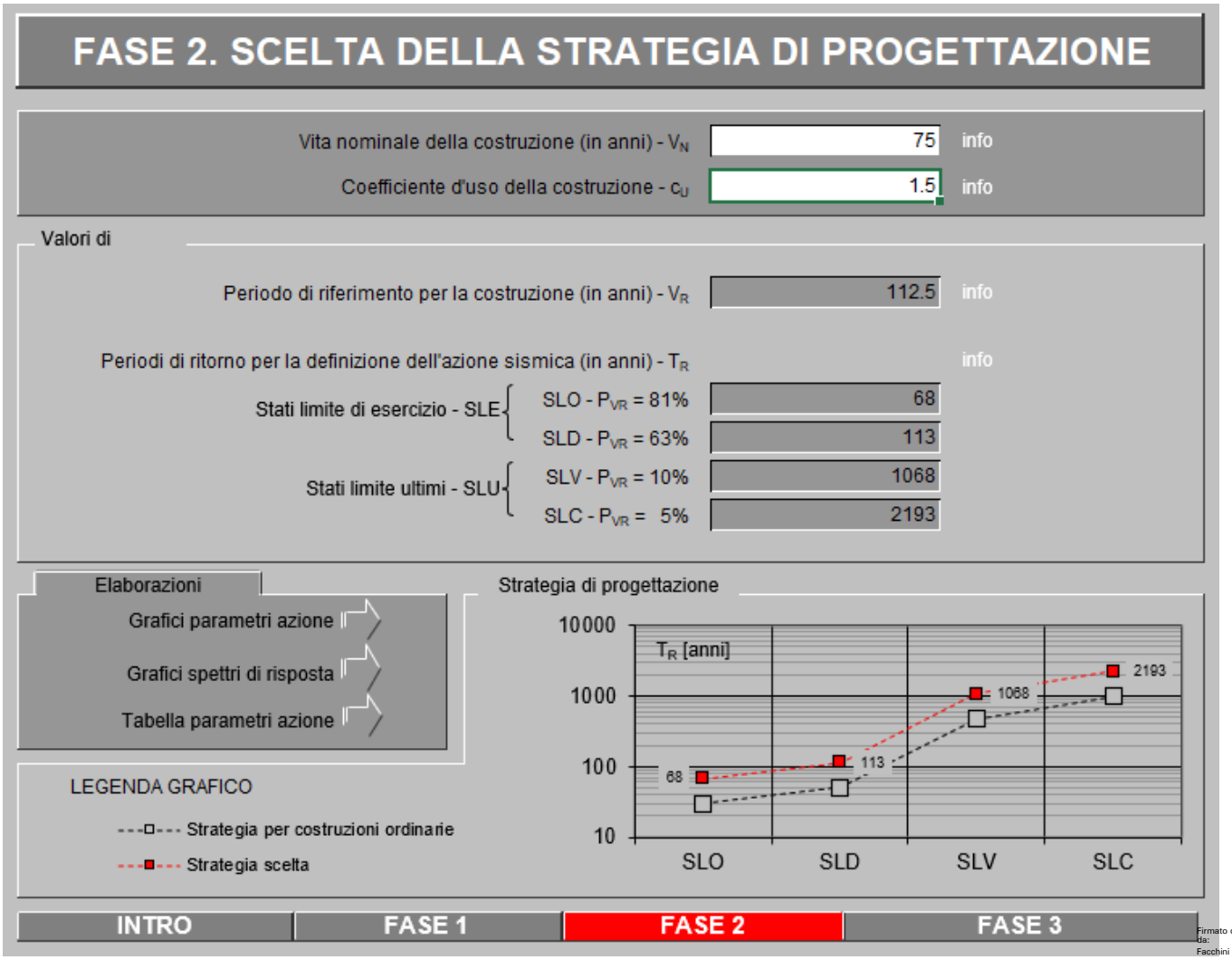

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Valori dei parametri a_g, F_o, T_C^* per i periodi di ritorno T_R associati a ciascuno SL

SLATO LIMITE	T_R [anni]	a_g [g]	F_o [-]	T_C^* [s]
SLO	68	0.065	2.495	0.326
SLD	113	0.081	2.548	0.333
SLV	1068	0.190	2.538	0.380
SLC	2193	0.246	2.515	0.387

FASE 3. DETERMINAZIONE DELL'AZIONE DI PROGETTO

Stato Limite

Stato Limite considera: SLV — info

Risposta sismica locale

Categoria di sottosuol: C — info — S_S = 1.411 — C_C = 1.445 — info

Categoria topografica: T1 — info — h/H= 0.000 — S_T = 1.000 — info

(h=quota sito, H=altezza rilievo topografico)

Compon. orizzontale

Spettro di progetto elastico (SLE) — Smorzamento ξ (%) = 5 — η = 1.000 — info

Spettro di progetto inelastico (SLU) — Fattore q_o = 1.5 — Regol. in altezza: sì — info

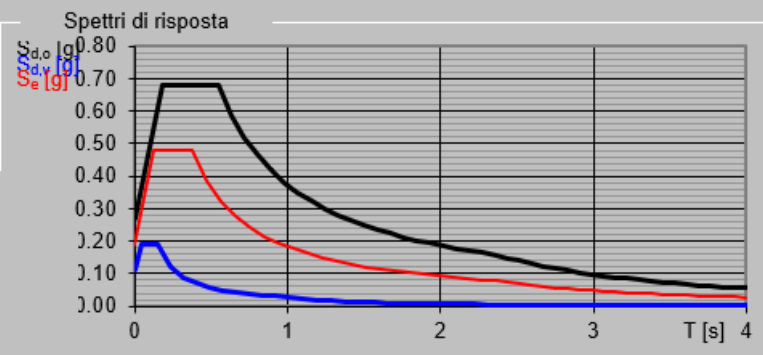
Compon. verticale

Spettro di progetto — Fattore q = 1.5 — $\eta = 1/q$ = 0.667 — info

Elaborazioni

Grafici spettri di risposta

Parametri e punti spettri di risposta



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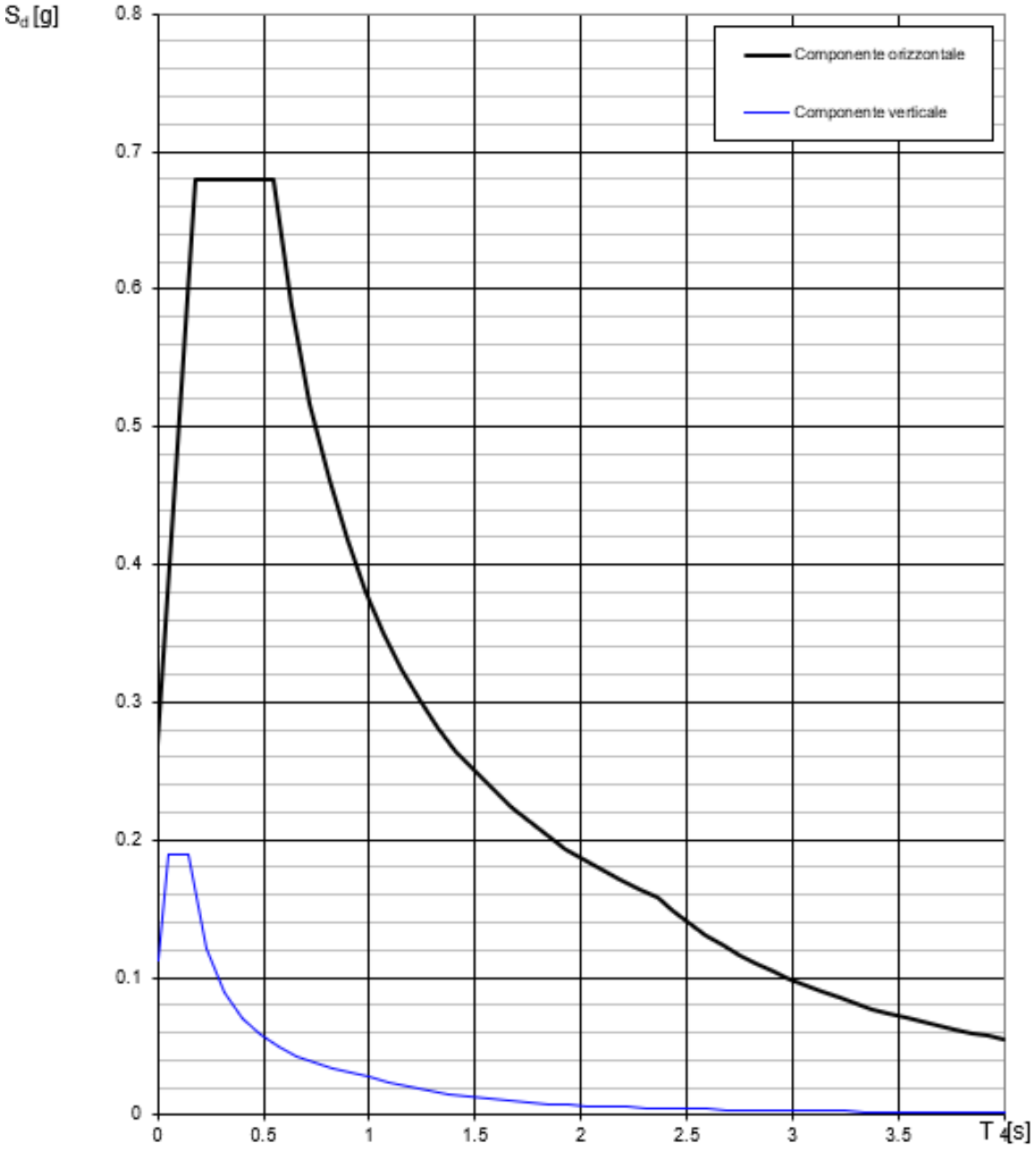
Spettri di risposta (componenti orizz. e vert.) per lo stato limite SLV



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Parametri e punti dello spettro di risposta orizzontale per lo stato limite: SLV

Parametri indipendenti

STATO LIMITE	SLV
a_g	0.190 g
F_o	2.538
T_C^*	0.380 s
S_S	1.411
C_C	1.445
S_T	1.000
q	1.000

Parametri dipendenti

S	1.411
η	1.000
T_B	0.183 s
T_C	0.549 s
T_D	2.360 s

Espressioni dei parametri dipendenti

$S = S_S \cdot S_T$ (NTC-08 Eq. 3.2.5)

$\eta = \sqrt{10/(5+\xi)} \geq 0.55; \eta = 1/q$ (NTC-08 Eq. 3.2.6; §. 3.2.3.5)

$T_B = T_C / 3$ (NTC-07 Eq. 3.2.8)

$T_C = C_C \cdot T_C^*$ (NTC-07 Eq. 3.2.7)

$T_D = 4.0 \cdot a_g / g + 1.6$ (NTC-07 Eq. 3.2.9)

Espressioni dello spettro di risposta (NTC-08 Eq. 3.2.4)

$0 \leq T < T_B$: $S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_o}\left(1 - \frac{T}{T_B}\right)\right]$

$T_B \leq T < T_C$: $S_e(T) = a_g \cdot S \cdot \eta \cdot F_o$

$T_C \leq T < T_D$: $S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_C}{T}\right)$

$T_D \leq T$: $S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_C T_D}{T^2}\right)$

Lo spettro di progetto $S_d(T)$ per le verifiche agli Stati Limite Ultimi è ottenuto dalle espressioni dello spettro elastico $S_e(T)$ sostituendo η con 1/q, dove q è il fattore di struttura. (NTC-08 § 3.2.3.5)

Punti dello spettro di risposta

T [s]	Se [g]	
0.000	0.268	
0.183	0.680	← T_B
0.549	0.680	← T_C
0.636	0.588	
0.722	0.518	
0.808	0.462	
0.894	0.418	
0.980	0.381	
1.067	0.350	
1.153	0.324	
1.239	0.302	
1.325	0.282	
1.411	0.265	
1.498	0.249	
1.584	0.236	
1.670	0.224	
1.756	0.213	
1.842	0.203	
1.929	0.194	
2.015	0.185	
2.101	0.178	
2.187	0.171	
2.273	0.164	
2.360	0.158	← T_D
2.438	0.148	
2.516	0.139	
2.594	0.131	
2.672	0.123	
2.750	0.117	
2.828	0.110	
2.906	0.104	
2.985	0.099	
3.063	0.094	
3.141	0.089	
3.219	0.085	
3.297	0.081	
3.375	0.077	
3.453	0.074	
3.531	0.071	
3.609	0.068	
3.688	0.065	
3.766	0.062	
3.844	0.060	
3.922	0.057	
4.000	0.055	

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FASE 3. DETERMINAZIONE DELL'AZIONE DI PROGETTO

Stato Limite

Stato Limite considera: SLD — info

Risposta sismica locale

Categoria di sottosuol: C — info — S_S = 1.500 — C_C = 1.509 — info

Categoria topografica: T1 — info — h/H= 0.000 — S_T = 1.000 — info

(h=quota sito, H=altezza rilievo topografico)

Compon. orizzontale

Spettro di progetto elastico (SLE) — Smorzamento ξ (%) 5 — η = 1.000 — info

Spettro di progetto inelastico (SLU) — Fattore q_o 1.5 — Regol. in altezza: sì — info

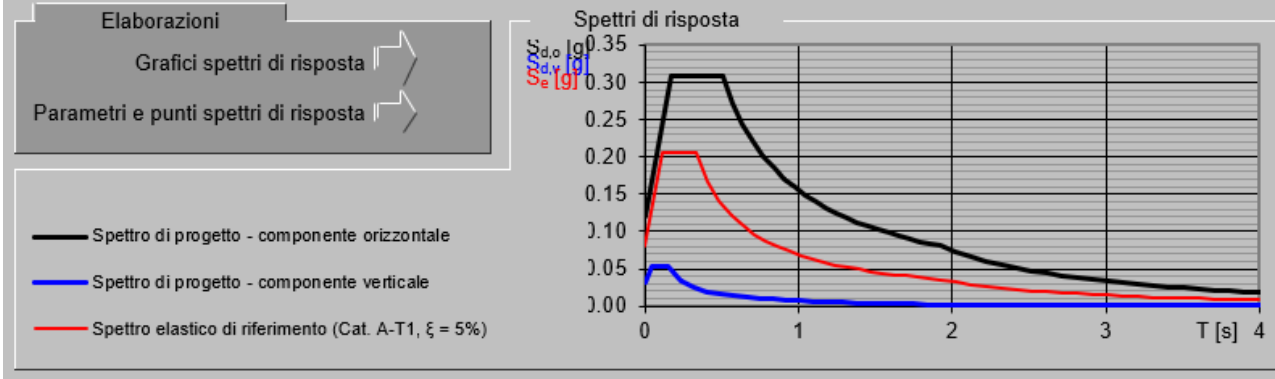
Compon. verticale

Spettro di progetto — Fattore q 1.5 — $\eta = 1/q$ = 0.667 — info

Elaborazioni

Grafici spettri di risposta

Parametri e punti spettri di risposta



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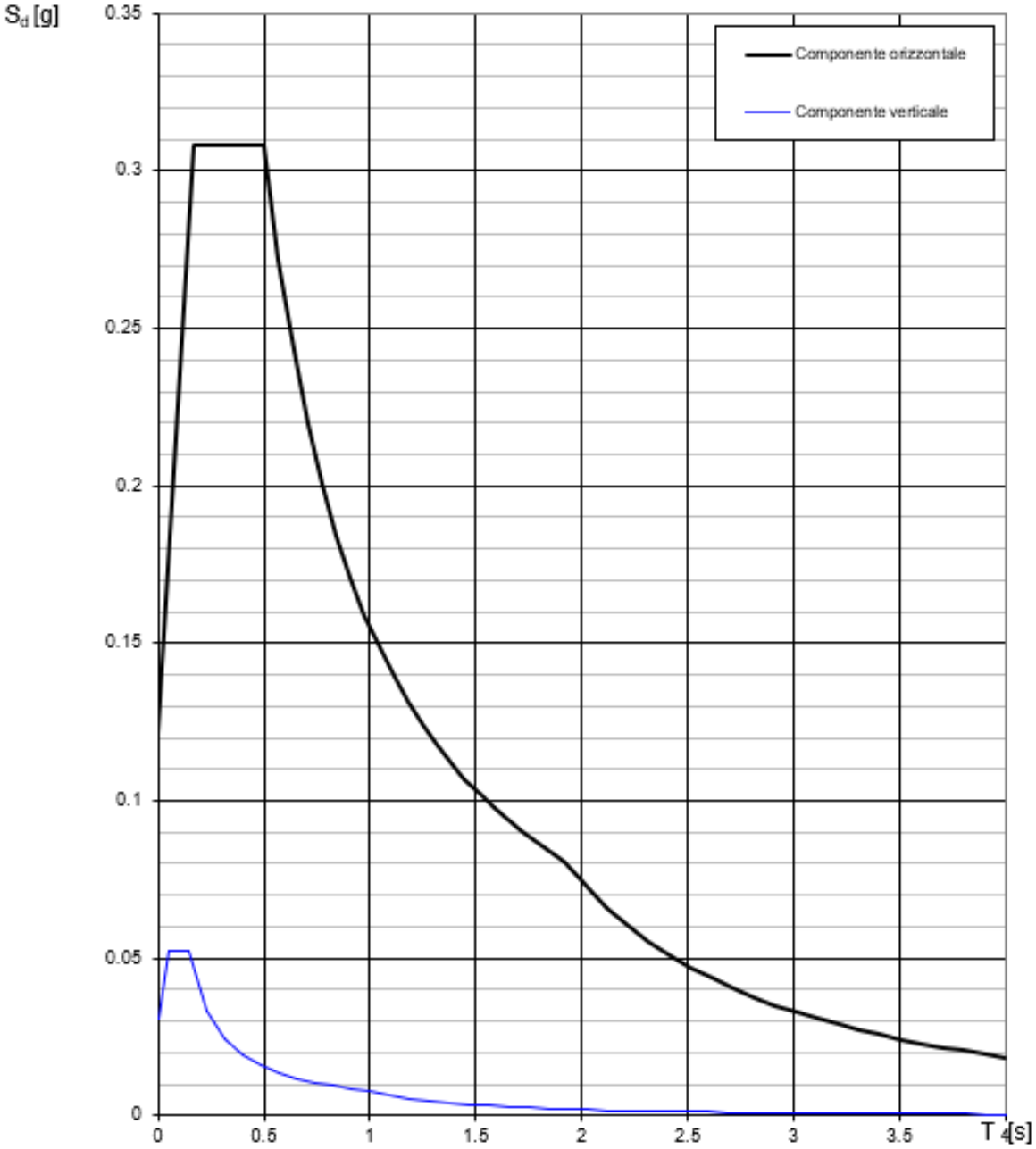
Spettri di risposta (componenti orizz. e vert.) per lo stato limite SLD



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Parametri e punti dello spettro di risposta orizzontale per lo stato limite: SLD

Parametri indipendenti

STATO LIMITE	SLD
a_g	0.081 g
F_o	2.548
T_C^*	0.333 s
S_S	1.500
C_C	1.509
S_T	1.000
q	1.000

Parametri dipendenti

S	1.500
η	1.000
T_B	0.168 s
T_C	0.503 s
T_D	1.923 s

Espressioni dei parametri dipendenti

$S = S_S \cdot S_T$ (NTC-08 Eq. 3.2.5)

$\eta = \sqrt{10/(5+\xi)} \geq 0.55; \eta = 1/q$ (NTC-08 Eq. 3.2.6; §. 3.2.3.5)

$T_B = T_C / 3$ (NTC-07 Eq. 3.2.8)

$T_C = C_C \cdot T_C^*$ (NTC-07 Eq. 3.2.7)

$T_D = 4.0 \cdot a_g / g + 1.6$ (NTC-07 Eq. 3.2.9)

Espressioni dello spettro di risposta (NTC-08 Eq. 3.2.4)

$$0 \leq T < T_B: \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_o} \left(1 - \frac{T}{T_B} \right) \right]$$

$$T_B \leq T < T_C: \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o$$

$$T_C \leq T < T_D: \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_C}{T} \right)$$

$$T_D \leq T: \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_C T_D}{T^2} \right)$$

Lo spettro di progetto $S_d(T)$ per le verifiche agli Stati Limite Ultimi è ottenuto dalle espressioni dello spettro elastico $S_e(T)$ sostituendo η con 1/q, dove q è il fattore di struttura. (NTC-08 § 3.2.3.5)

Punti dello spettro di risposta

T [s]	Se [g]	
0.000	0.121	
0.168	0.308	← T_B
0.503	0.308	← T_C
0.570	0.272	
0.638	0.243	
0.706	0.220	
0.773	0.201	
0.841	0.184	
0.908	0.171	
0.976	0.159	
1.044	0.149	
1.111	0.140	
1.179	0.132	
1.247	0.124	
1.314	0.118	
1.382	0.112	
1.449	0.107	
1.517	0.102	
1.585	0.098	
1.652	0.094	
1.720	0.090	
1.788	0.087	
1.855	0.084	
1.923	0.081	← T_D
2.022	0.073	
2.121	0.066	
2.220	0.061	
2.318	0.055	
2.417	0.051	
2.516	0.047	
2.615	0.044	
2.714	0.040	
2.813	0.038	
2.912	0.035	
3.011	0.033	
3.110	0.031	
3.209	0.029	
3.308	0.027	
3.407	0.026	
3.505	0.024	
3.604	0.023	
3.703	0.022	
3.802	0.021	
3.901	0.020	
4.000	0.019	

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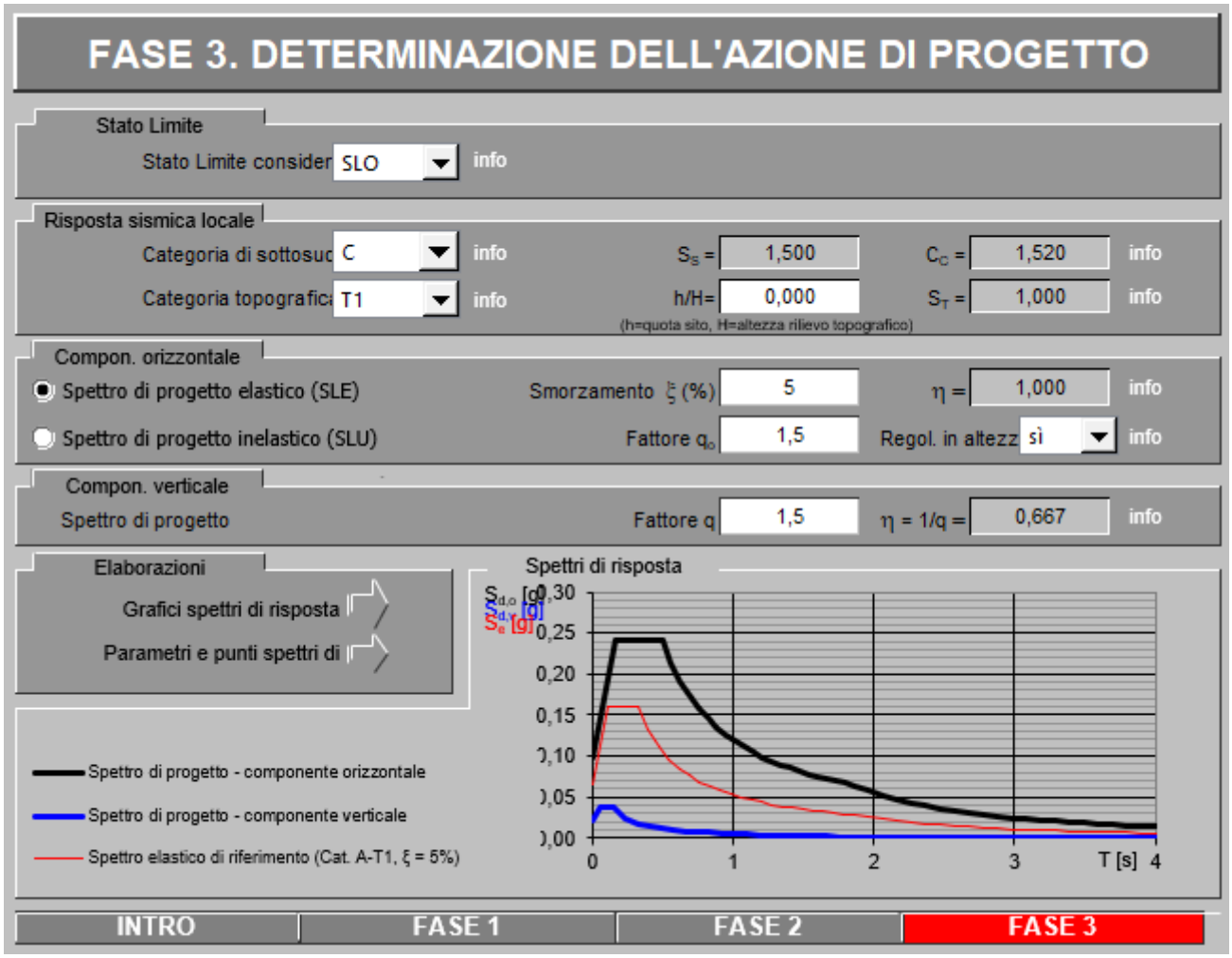

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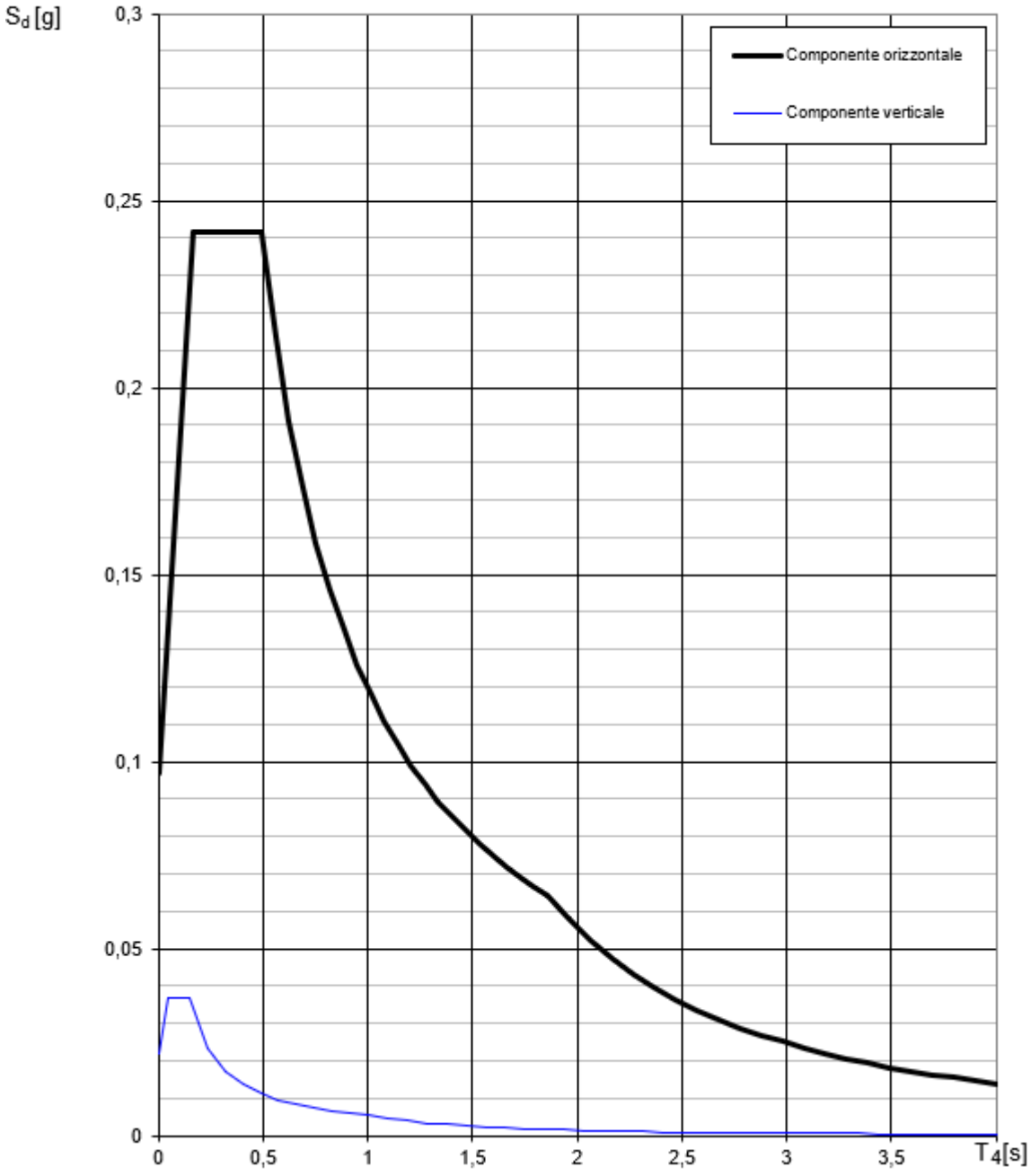
Spettri di risposta (componenti orizz. e vert.) per lo stato limite: SLO



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Parametri e punti dello spettro di risposta orizzontale per lo stato limite SLO

Parametri indipendenti

STATO LIMITE	SLO
a_g	0,065 g
F_o	2,495
T_C^*	0,326 s
S_S	1,500
C_C	1,520
S_T	1,000
q	1,000

Parametri dipendenti

S	1,500
η	1,000
T_B	0,165 s
T_C	0,495 s
T_D	1,858 s

Espressioni dei parametri dipendenti

$S = S_S \cdot S_T$ (NTC-08 Eq. 3.2.5)

$\eta = \sqrt{10/(5+\xi)} \geq 0{,}55;\ \eta = 1/q$ (NTC-08 Eq. 3.2.6; §. 3.2.3.5)

$T_B = T_C / 3$ (NTC-07 Eq. 3.2.8)

$T_C = C_C \cdot T_C^*$ (NTC-07 Eq. 3.2.7)

$T_D = 4{,}0 \cdot a_g / g + 1{,}6$ (NTC-07 Eq. 3.2.9)

Espressioni dello spettro di risposta (NTC-08 Eq. 3.2.4)

$0 \leq T < T_B$ $\quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_o} \left(1 - \frac{T}{T_B} \right) \right]$

$T_B \leq T < T_C$ $\quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o$

$T_C \leq T < T_D$ $\quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_C}{T} \right)$

$T_D \leq T$ $\quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_C T_D}{T^2} \right)$

Lo spettro di progetto $S_d(T)$ per le verifiche agli Stati Limite Ultimi è ottenuto dalle espressioni dello spettro elastico $S_e(T)$ sostituendo η con 1/q, dove q è il fattore di struttura. (NTC-08 § 3.2.3.5)

Punti dello spettro di risposta

	T [s]	Se [g]
	0,000	0,097
← T_B	0,165	0,241
← T_C	0,495	0,241
	0,560	0,213
	0,625	0,191
	0,690	0,173
	0,755	0,158
	0,820	0,146
	0,885	0,135
	0,949	0,126
	1,014	0,118
	1,079	0,111
	1,144	0,104
	1,209	0,099
	1,274	0,094
	1,339	0,089
	1,404	0,085
	1,469	0,081
	1,534	0,078
	1,598	0,075
	1,663	0,072
	1,728	0,069
	1,793	0,067
← T_D	1,858	0,064
	1,960	0,058
	2,062	0,052
	2,164	0,047
	2,266	0,043
	2,368	0,040
	2,470	0,036
	2,572	0,034
	2,674	0,031
	2,776	0,029
	2,878	0,027
	2,980	0,025
	3,082	0,023
	3,184	0,022
	3,286	0,021
	3,388	0,019
	3,490	0,018
	3,592	0,017
	3,694	0,016
	3,796	0,015
	3,898	0,015
	4,000	0,014

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7.9 CASI DI CARICO

Il programma consente l'applicazione di diverse tipologie di casi di carico.
Sono previsti i seguenti 11 tipi di casi di carico:

	Sigla	*Tipo*	*Descrizione*
1	**Ggk**	A	caso di carico comprensivo del peso proprio struttura
2	**Gk**	NA	caso di carico con azioni permanenti
3	**Qk**	NA	caso di carico con azioni variabili
4	**Gsk**	A	caso di carico comprensivo dei carichi permanenti sui solai e sulle coperture
5	**Qsk**	A	caso di carico comprensivo dei carichi variabili sui solai
6	**Qnk**	A	caso di carico comprensivo dei carichi di neve sulle coperture
7	**Qtk**	SA	caso di carico comprensivo di una variazione termica agente sulla struttura
8	**Qvk**	NA	caso di carico comprensivo di azioni da vento sulla struttura
9	**Esk**	SA	caso di carico sismico con analisi statica equivalente
10	**Edk**	SA	caso di carico sismico con analisi dinamica
11	**Etk**	NA	caso di carico comprensivo di azioni derivanti dall' incremento di spinta delle terre in condizione sismica
12	**Pk**	NA	caso di carico comprensivo di azioni derivanti da coazioni, cedimenti e precompressioni

Sono di tipo automatico A (ossia non prevedono introduzione dati da parte dell'utente) i seguenti casi di carico: 1-Ggk; 4-Gsk; 5-Qsk; 6-Qnk.

Sono di tipo semi-automatico SA (ossia prevedono una minima introduzione dati da parte dell'utente) i seguenti casi di carico:
7-Qtk, in quanto richiede solo il valore della variazione termica;
9-Esk e 10-Edk, in quanto richiedono il valore dell'angolo di ingresso del sisma e l'individuazione dei casi di carico partecipanti alla definizione delle masse.

Sono di tipo non automatico NA ossia prevedono la diretta applicazione di carichi generici agli elementi strutturali (si veda il precedente punto Modellazione delle Azioni) i restanti casi di carico.

Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso: *Numero Tipo* e *Sigla identificativa*, *Valore di riferimento* del caso di carico (se previsto).

In successione, per i casi di carico non automatici, viene riportato l'elenco di nodi ed elementi direttamente caricati con la sigla identificativa del carico.

Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione è prevista localmente per ogni elemento solaio o copertura presente nel modello (si confronti il valore Sksol nel capitolo relativo agli elementi solaio) e pertanto la loro partecipazione è di norma pari a uno.

CDC	Tipo	Sigla Id	Note
1	Ggk	CDC=Ggk (peso proprio della struttura)	
2	Gsk	CDC=G1sk (permanente solai-coperture)	
3	Gsk	CDC=G2sk (permanente solai-coperture n.c.d.)	
4	Gsk	CDC=G2pk (permanente pannelli n.c.d.)	
5	Qnk	CDC=Qnk (carico da neve)	
6	Gk	CDC=G1k	Azioni applicate:
7	Gk	CDC=G2k	Azioni applicate:
8	Gk	CDC=G2k riempimenti su platea	Azioni applicate:
9	Gk	CDC=G1k SPINTA TERRENO STATICA	Azioni applicate:
10	Qtk	CDC=Qtk (carico termico) dT= 15.00	variazione termica:15.00
11	Qk	CDC=Qk RITIRO SOLETTA	Azioni applicate:
12	Qk	CDC=Qk TRENO LM71	Azioni applicate:
13	Qk	CDC=Qk Affollmento pedonale banchine	Azioni applicate:
14	Qk	CDC=Qk Affollmento pedonale passerella pos1	Azioni applicate:
15	Qk	CDC=Qk Affollmento pedonale passerella pos2	Azioni applicate:
16	Qk	CDC=Qk Affollmento pedonale passerella pos3	Azioni applicate:
17	Qvk	CDC=Qvk (carico da vento) dir X +	Azioni applicate:
18	Qvk	CDC=Qvk (carico da vento) dir X -	Azioni applicate:
19	Qvk	CDC=Qvk (carico da vento) dir Y +	Azioni applicate:
20	Qvk	CDC=Qvk (carico da vento) dir Y -	Azioni applicate:
21	Qk	CDC=Qk (variabile generico)	Azioni applicate:

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CDC	Tipo	Sigla Id	Note
22	Etk	CDC=Etk (inc. sp. terreno) SLV dir + alfa=0.0	Azioni applicate:
23	Etk	CDC=Etk (inc. sp. terreno) SLV dir - alfa=0.0	Azioni applicate:
24	Etk	CDC=Etk (inc. sp. terreno) SLV dir + alfa=90.00	Azioni applicate:
25	Etk	CDC=Etk (inc. sp. terreno) SLV dir - alfa=90.00	Azioni applicate:
26	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)
			partecipazione:1.00 per 2 CDC=G1sk (permanente solai-coperture)
			partecipazione:1.00 per 3 CDC=G2sk (permanente solai-coperture n.c.d.)
			partecipazione:1.00 per 4 CDC=G2pk (permanente pannelli n.c.d.)
			partecipazione:1.00 per 5 CDC=Qnk (carico da neve)
			partecipazione:1.00 per 6 CDC=G1k
			partecipazione:1.00 per 7 CDC=G2k
			partecipazione:1.00 per 8 CDC=G2k riempimenti su platea
			partecipazione:0.60 per 14 CDC=Qk Affollmento pedonale passerella pos1
			partecipazione:0.60 per 15 CDC=Qk Affollmento pedonale passerella pos2
			partecipazione:0.60 per 16 CDC=Qk Affollmento pedonale passerella pos3
27	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico
28	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	come precedente CDC sismico
29	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	come precedente CDC sismico
30	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	come precedente CDC sismico
31	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	come precedente CDC sismico
32	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	come precedente CDC sismico
33	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	come precedente CDC sismico
34	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. +)	come precedente CDC sismico
35	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. -)	come precedente CDC sismico
36	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. +)	come precedente CDC sismico
37	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. -)	come precedente CDC sismico

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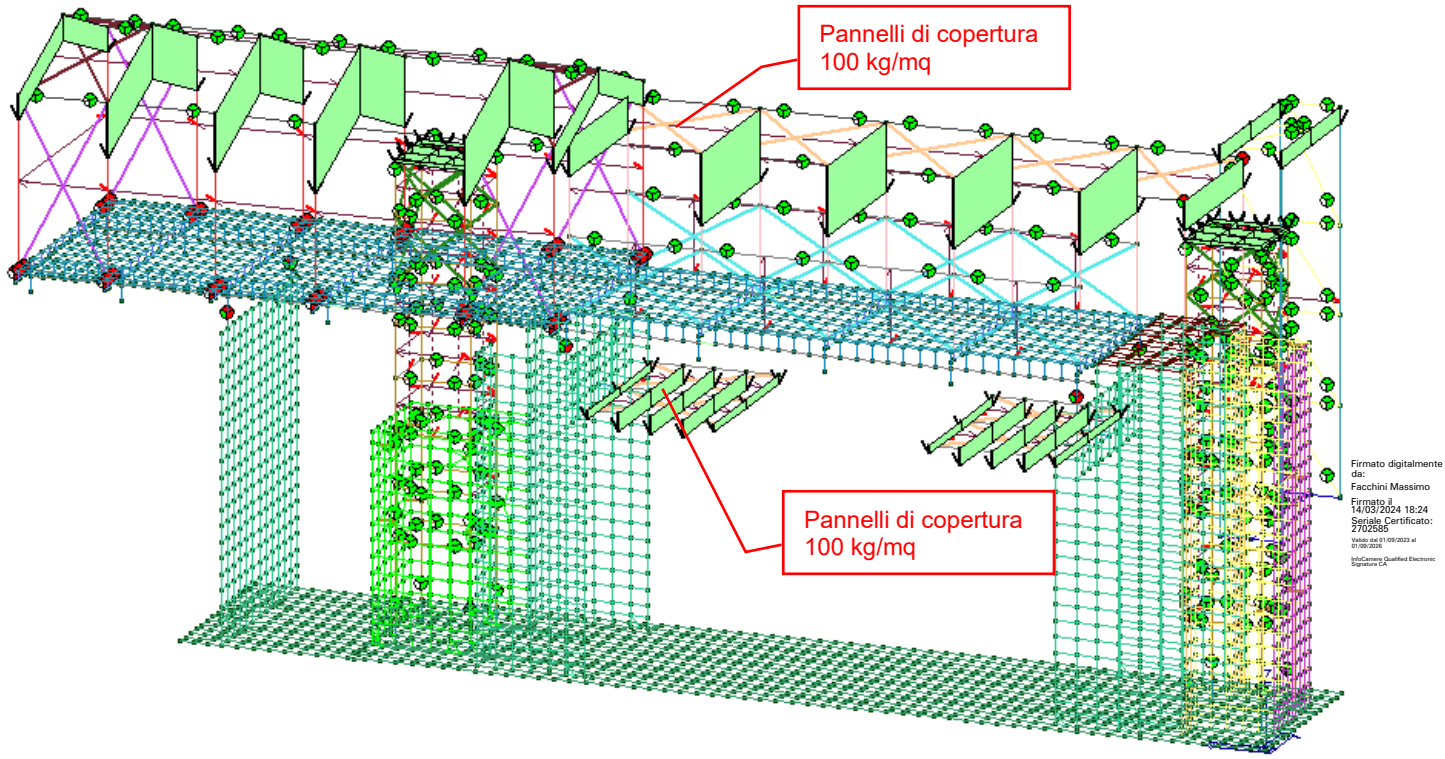
IMMAGINI ESPLICATIVE APPLICAZIONE CARICHI

Il peso proprio dei pannelli di copertura tipo sendwitch è stato inserito come non completamente definito (caso di carico 3) pertanto il caso di carico 2 non ha carichi significativi applicati alla struttura

3	Gsk	CDC=G2sk (permanente solai-coperture n.c.d.)



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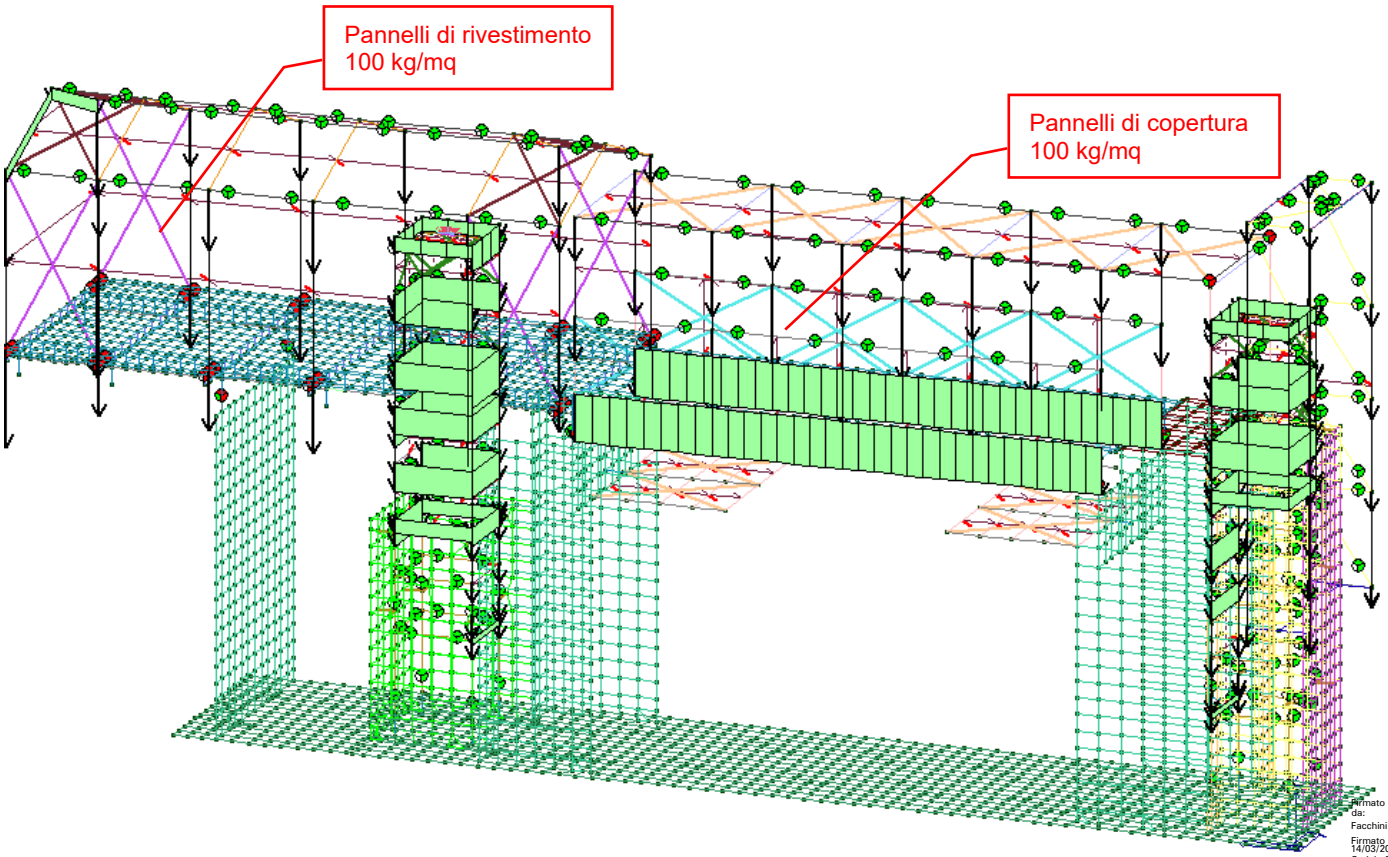
4	Gsk	CDC=G2pk (permanente pannelli n.c.d.)	



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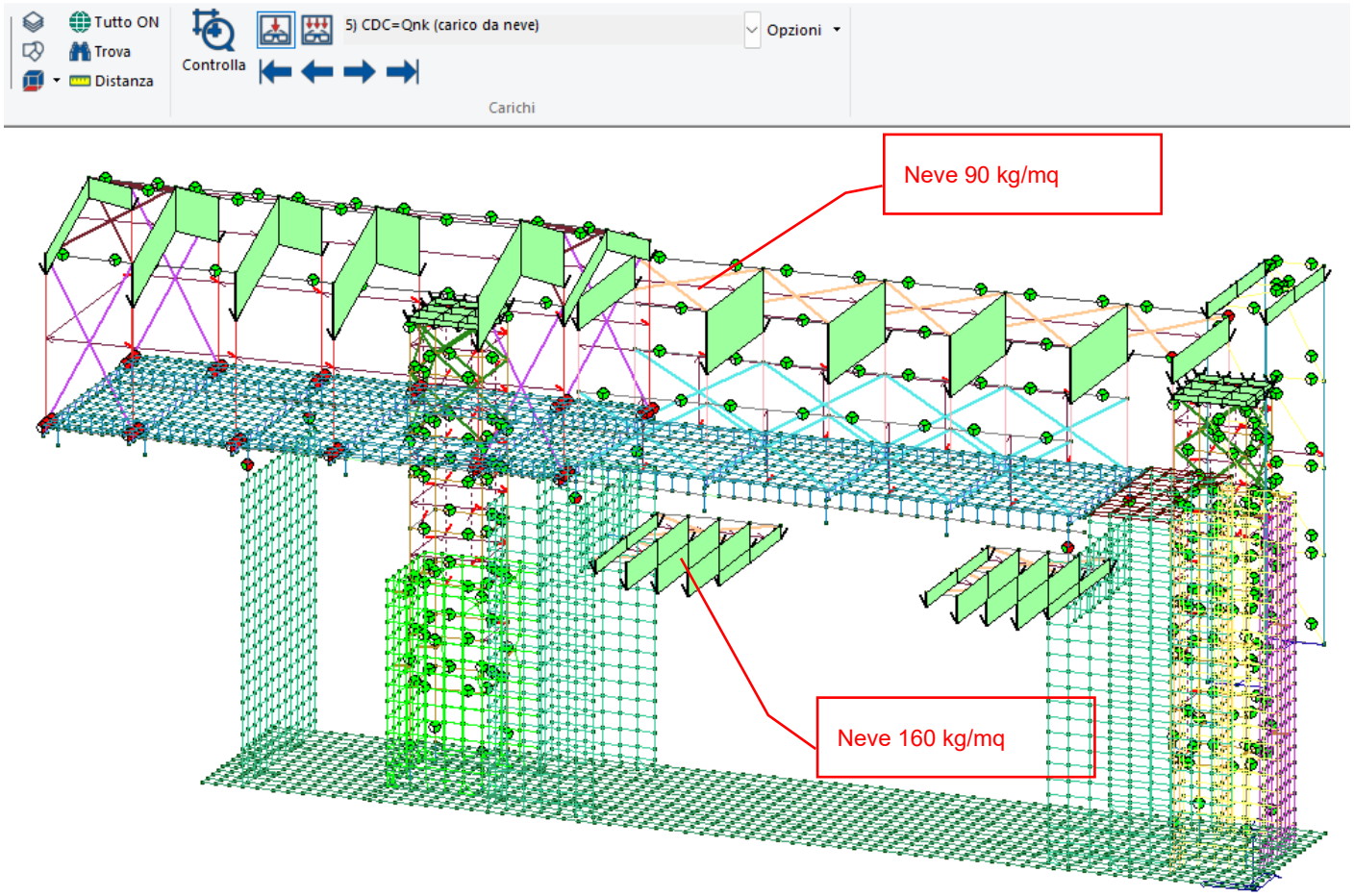
5	Qnk	CDC=Qnk (carico da neve)	



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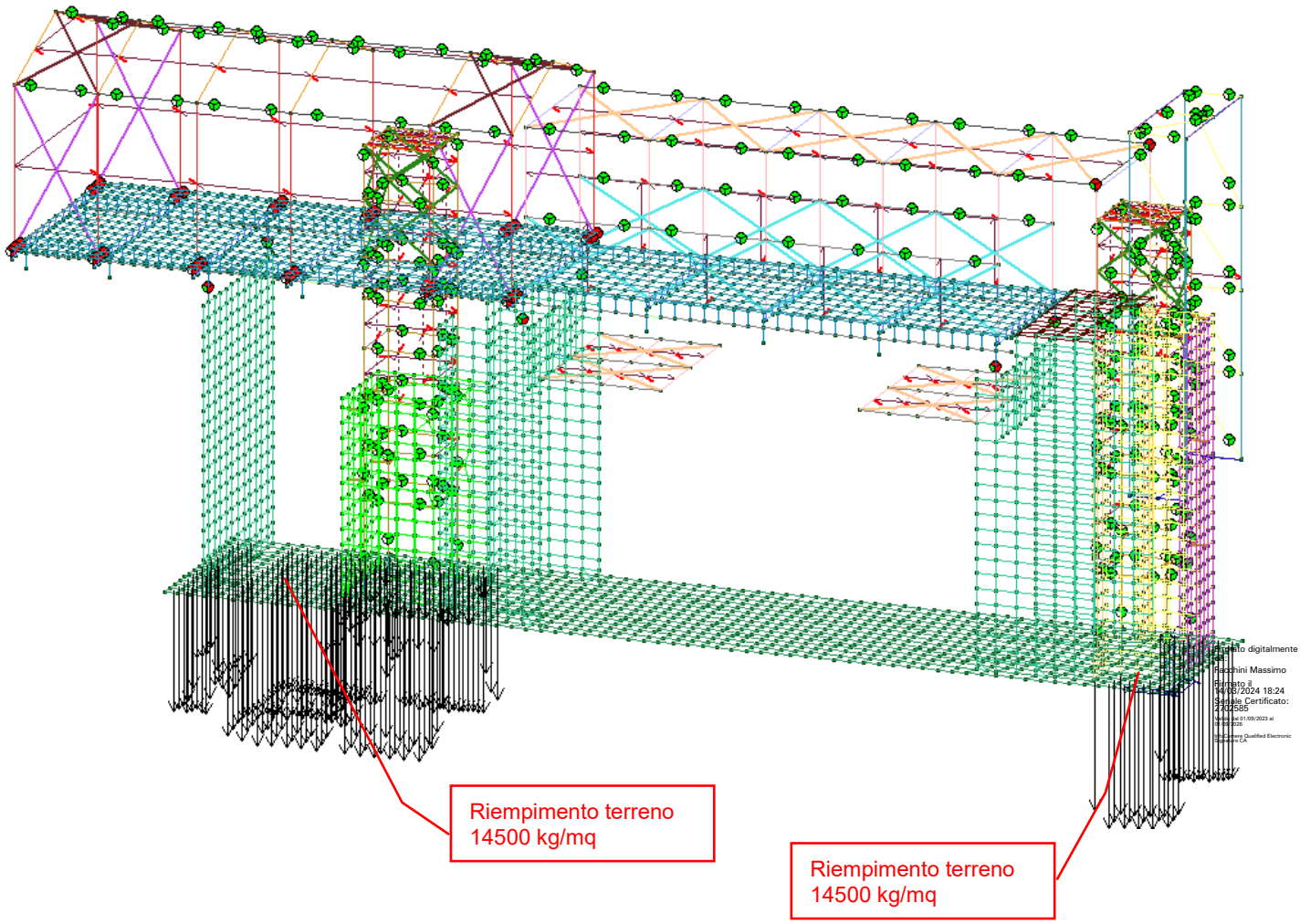
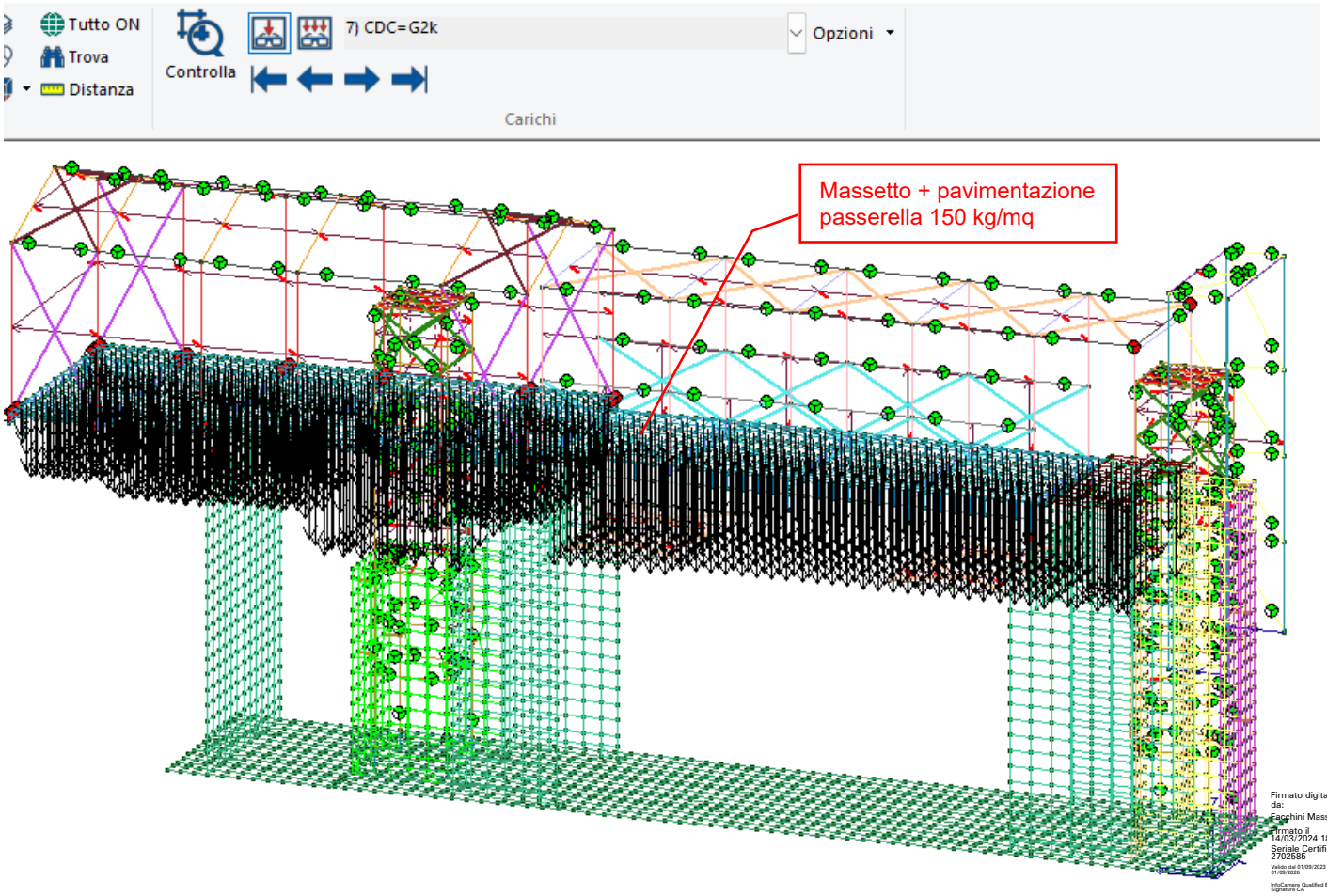
6	Gk	CDC=G1k	Azioni applicate:



7	Gk	CDC=G2k	Azioni applicate:



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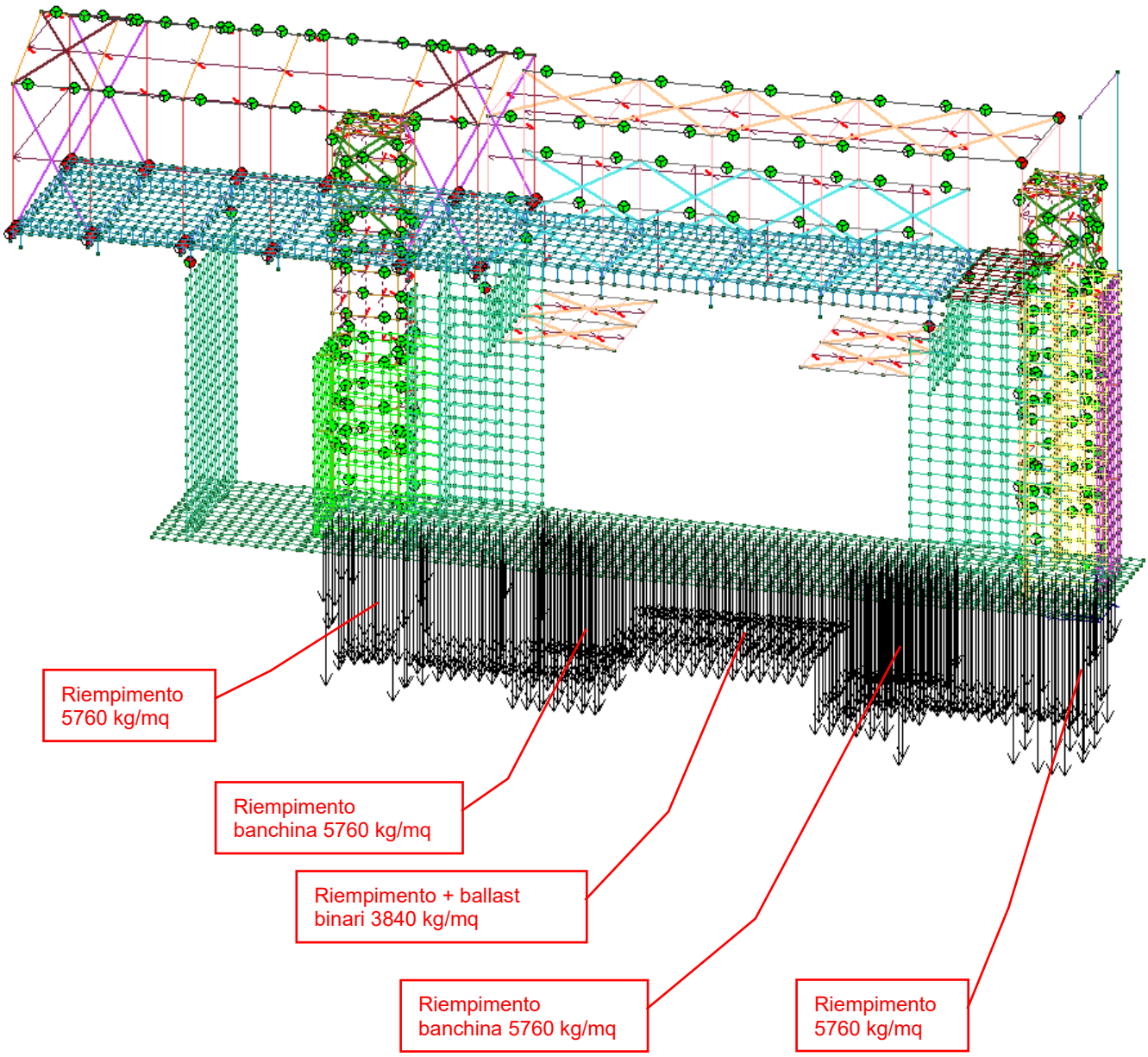
8	Gk	CDC=G2k riempimenti su platea	Azioni applicate:



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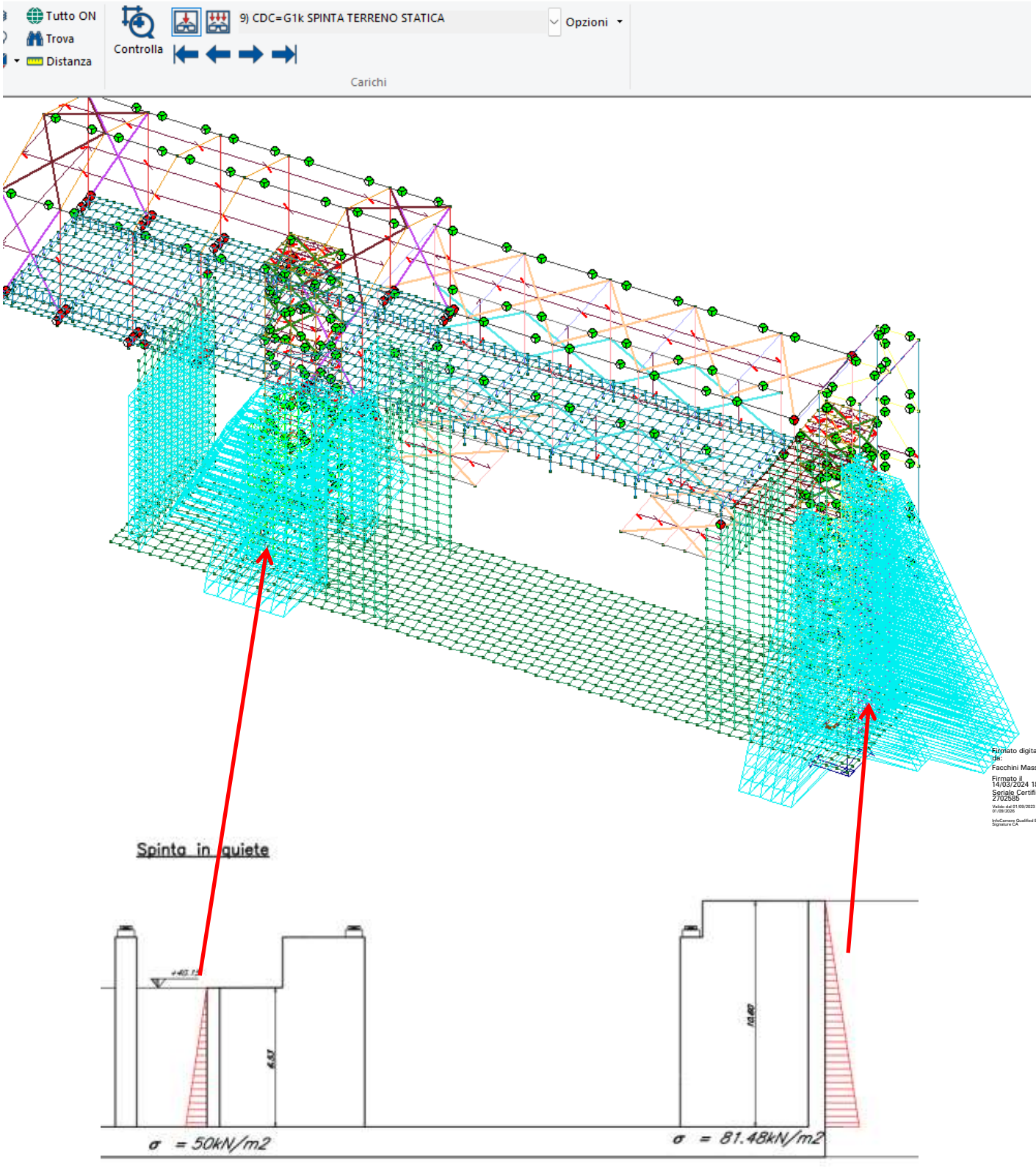
9	Gk	CDC=G1k SPINTA TERRENO STATICA	Azioni applicate:



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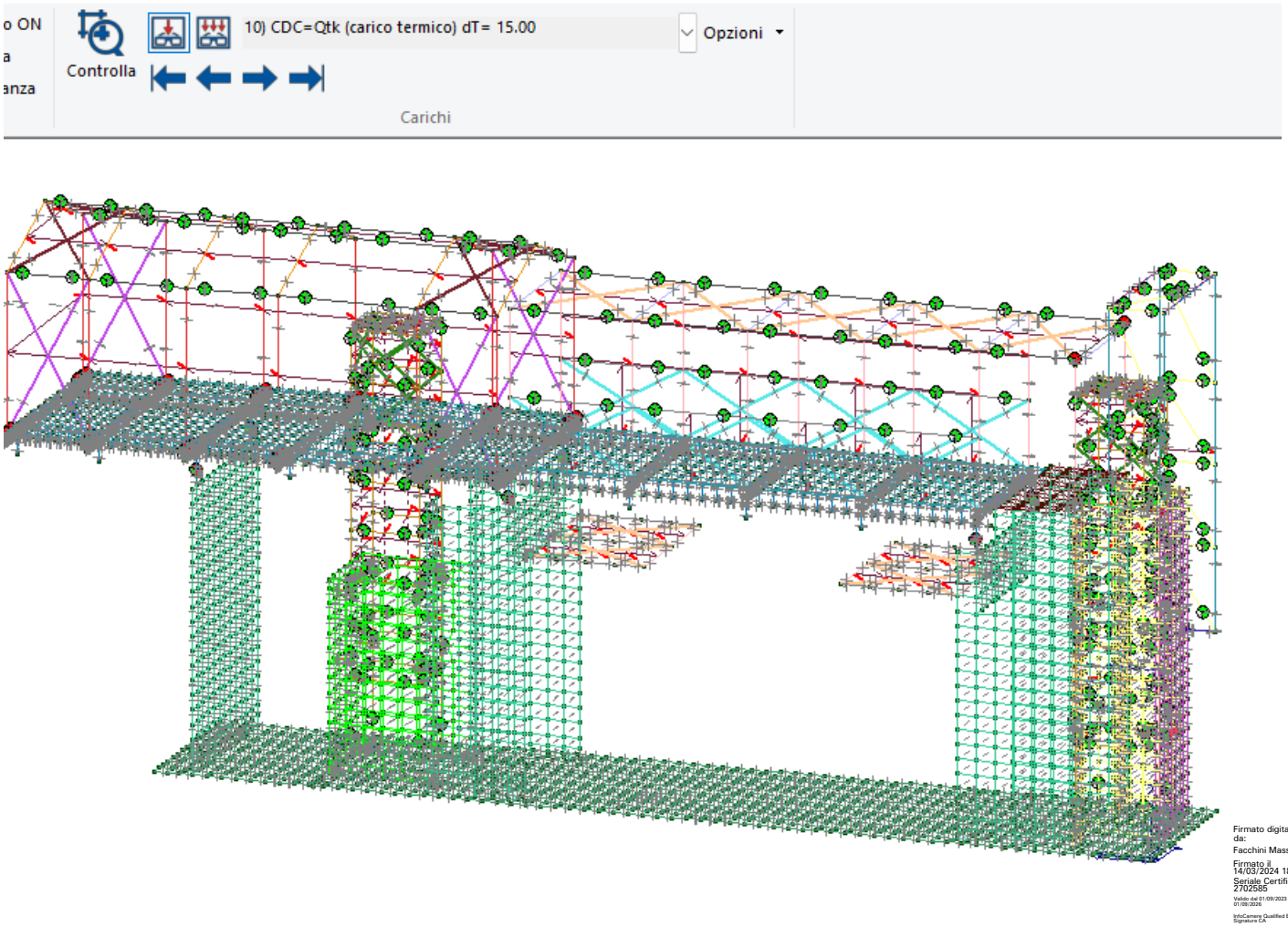
10	Qtk	CDC=Qtk (carico termico) dT= 15.00	variazione termica:15.00

Tale variazione è applicata a tutti gli elementi del modello di calcolo



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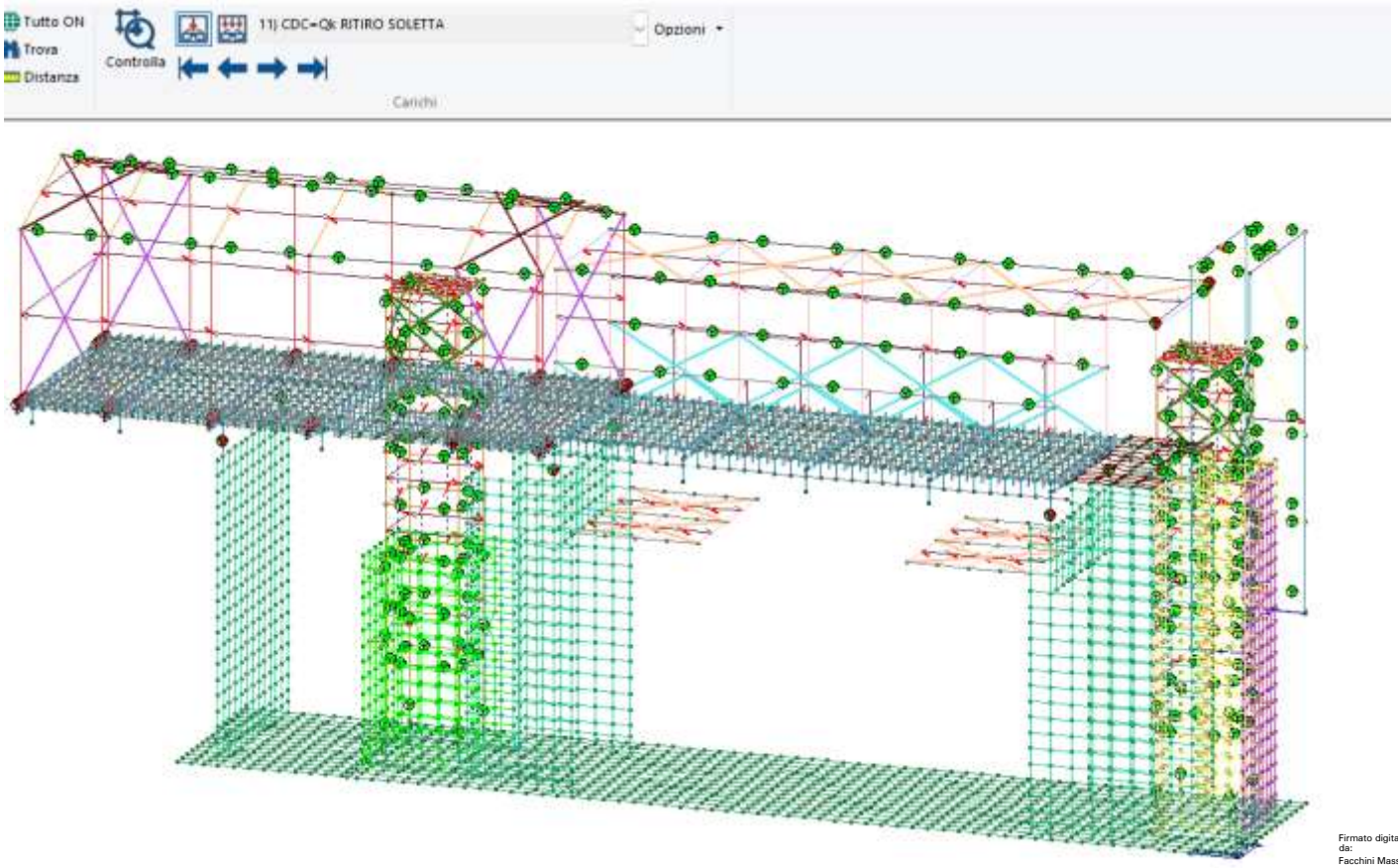
11	Qk	CDC=Qk RITIRO SOLETTA	Azioni applicate:

Azione modellata come una variazione termica di 5 gradi applicarta agli elementi shell della soletta in cemento armato



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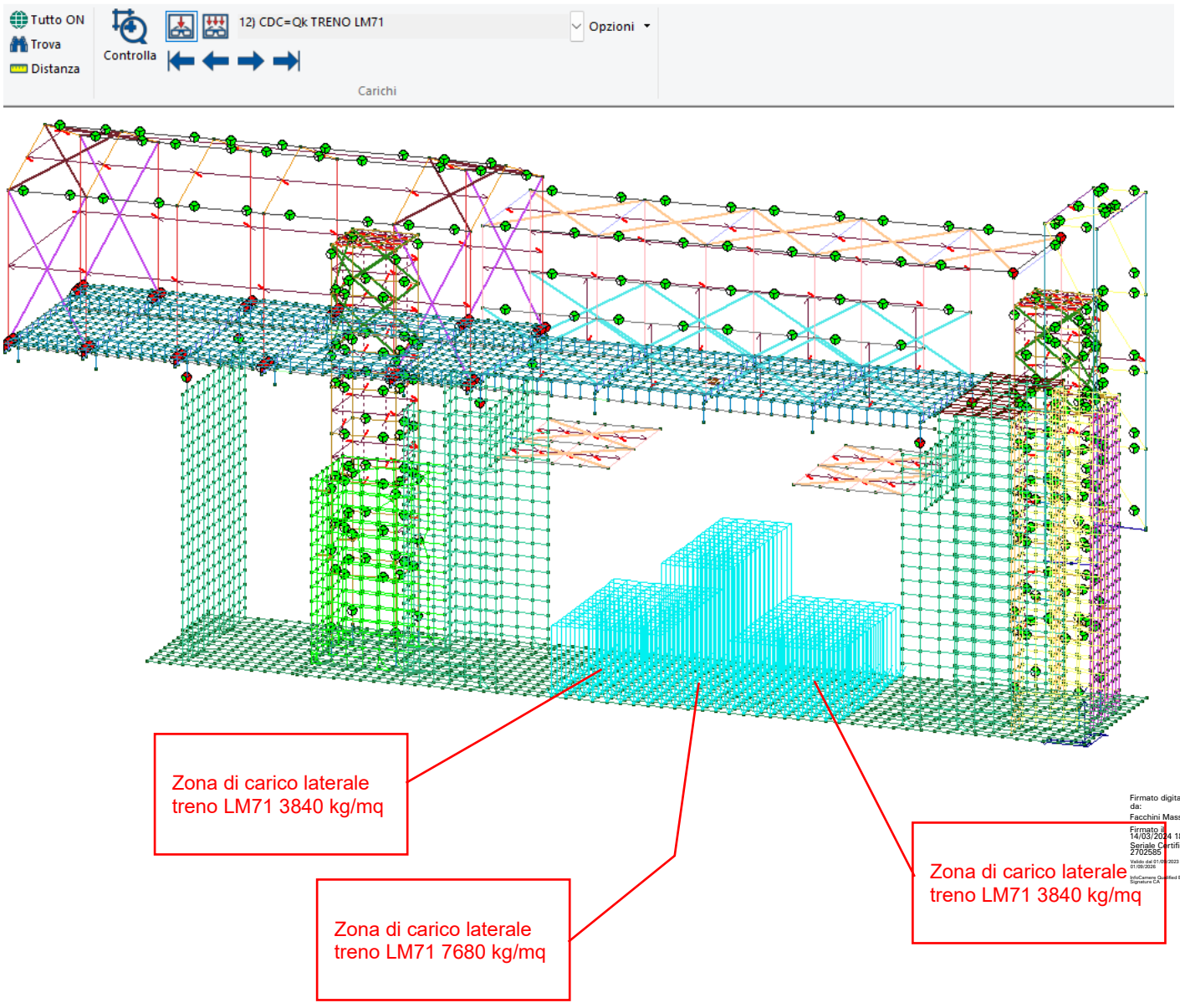
12	Qk	CDC=Qk TRENO LM71	Azioni applicate:



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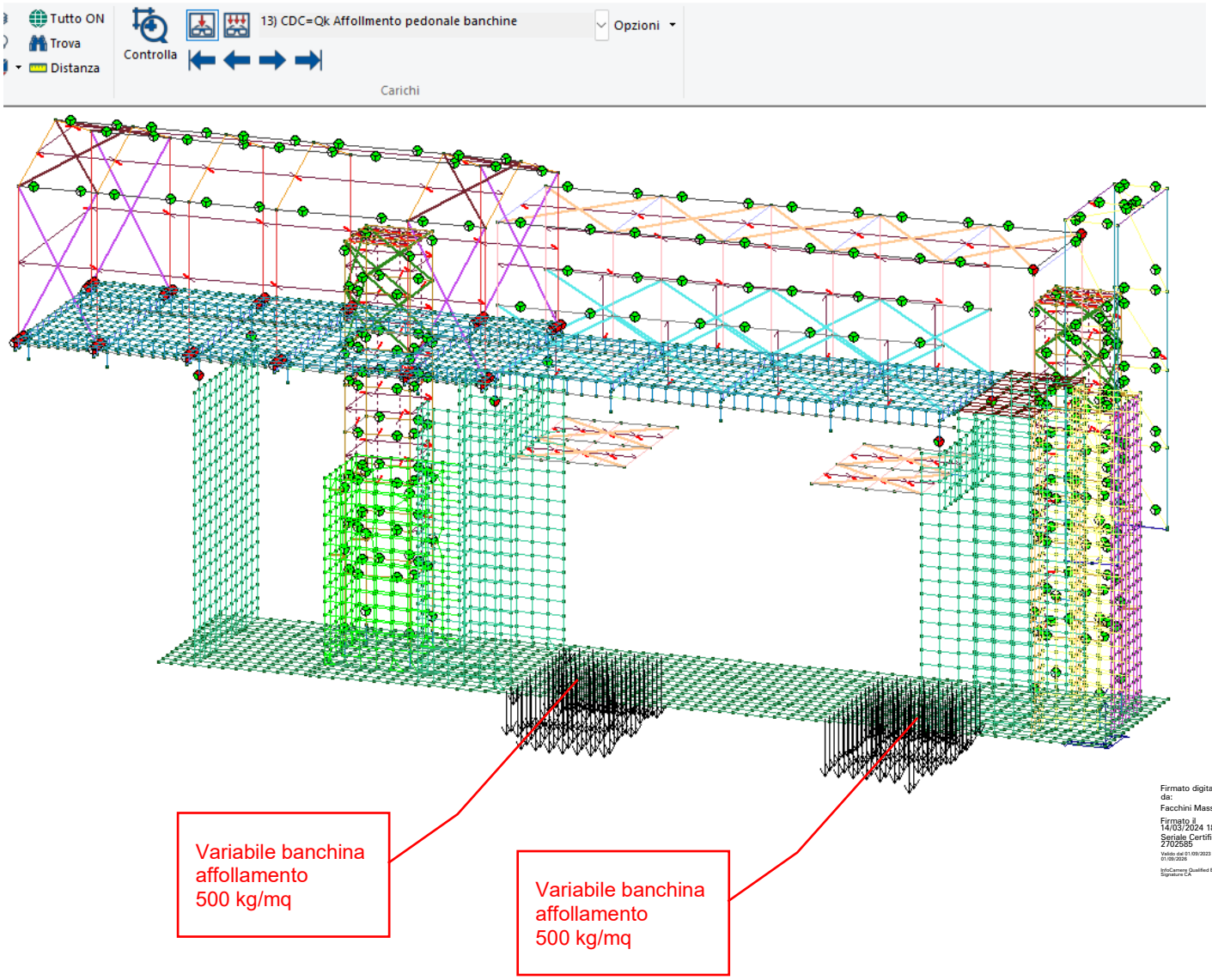
13	Qk	CDC=Qk Affollmento pedonale banchine	Azioni applicate:



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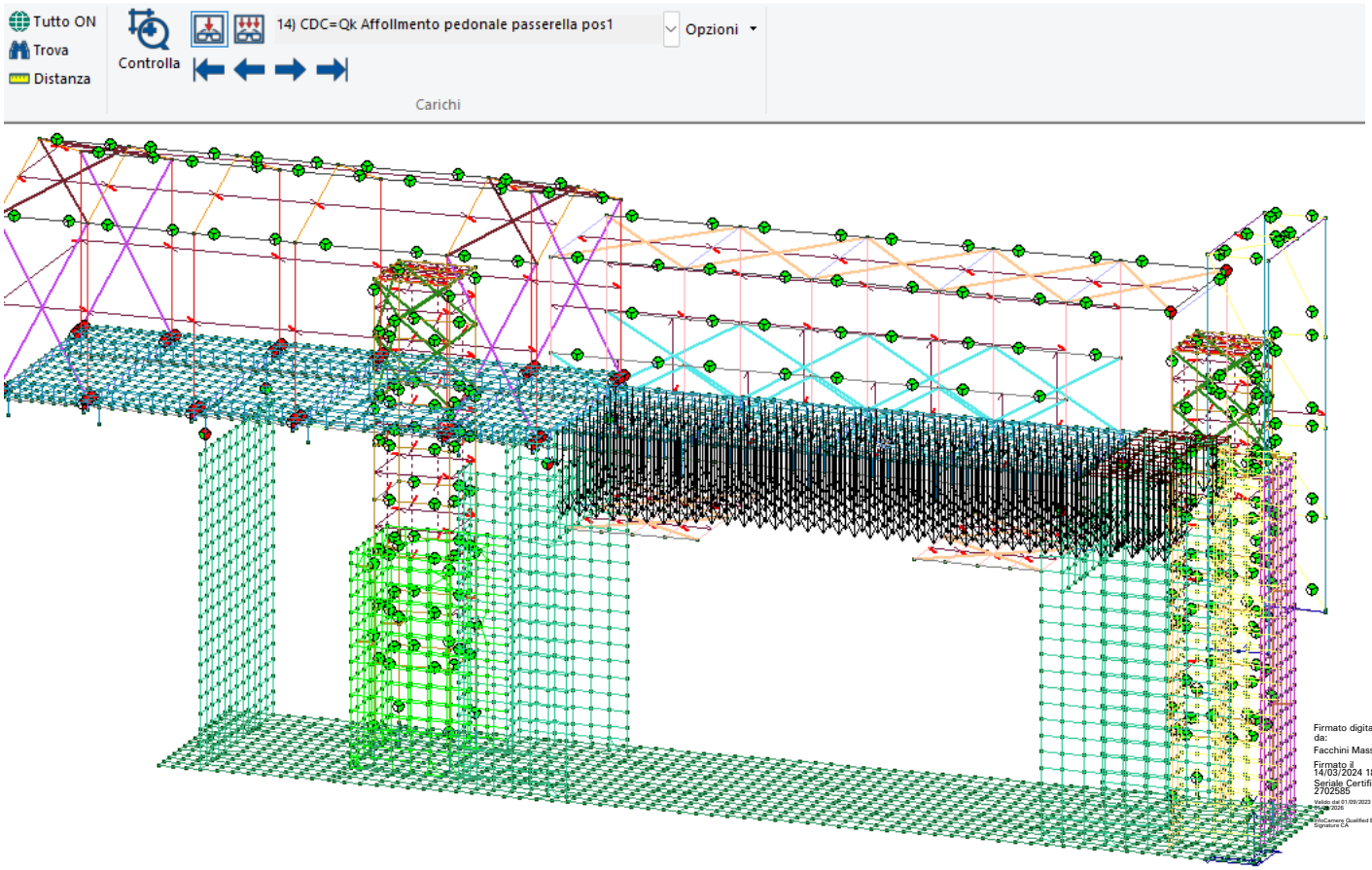
14	Qk	CDC=Qk Affollmento pedonale passerella pos1	Azioni applicate:
15	Qk	CDC=Qk Affollmento pedonale passerella pos2	Azioni applicate:
16	Qk	CDC=Qk Affollmento pedonale passerella pos3	Azioni applicate:

Azioni variabili sulla passerella pari a 500 kg/mq per combinazione di carico a scacchiera



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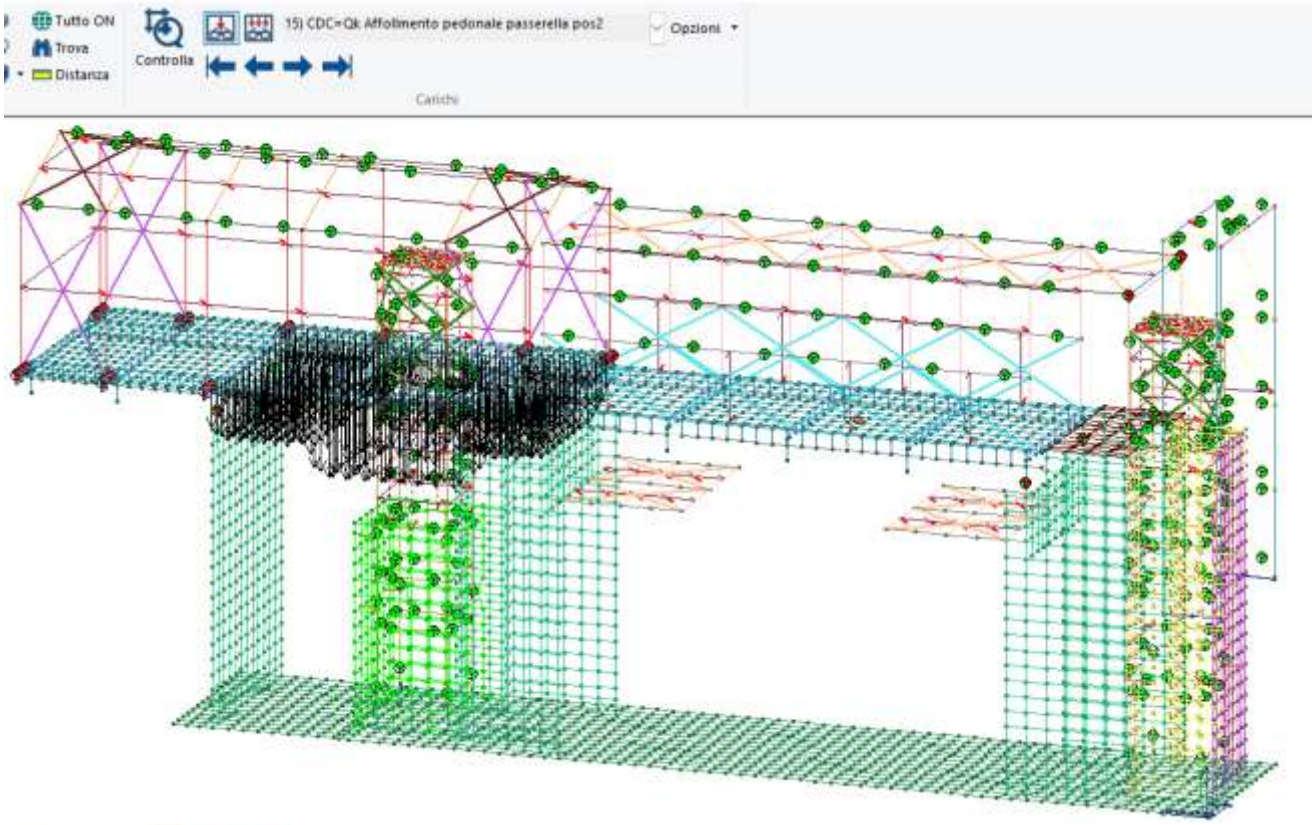

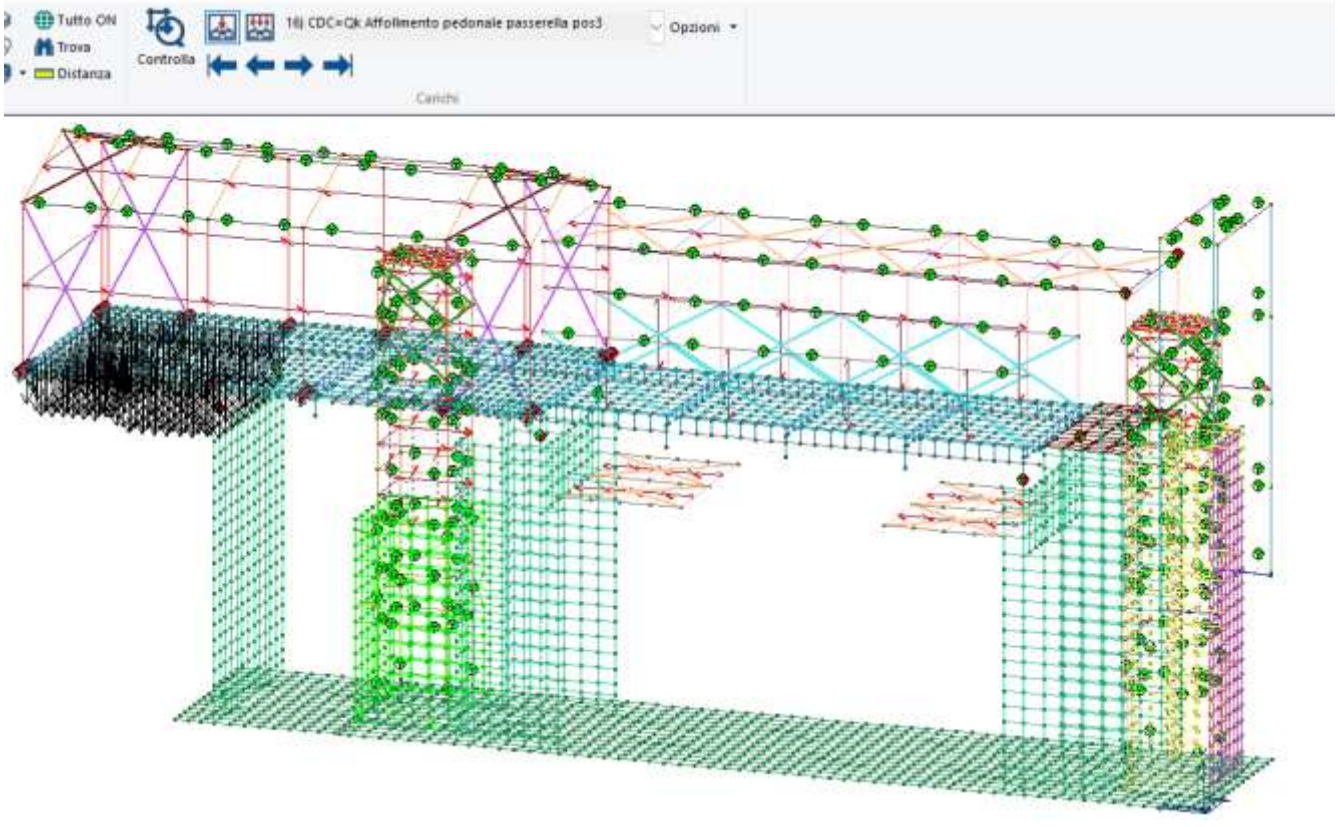

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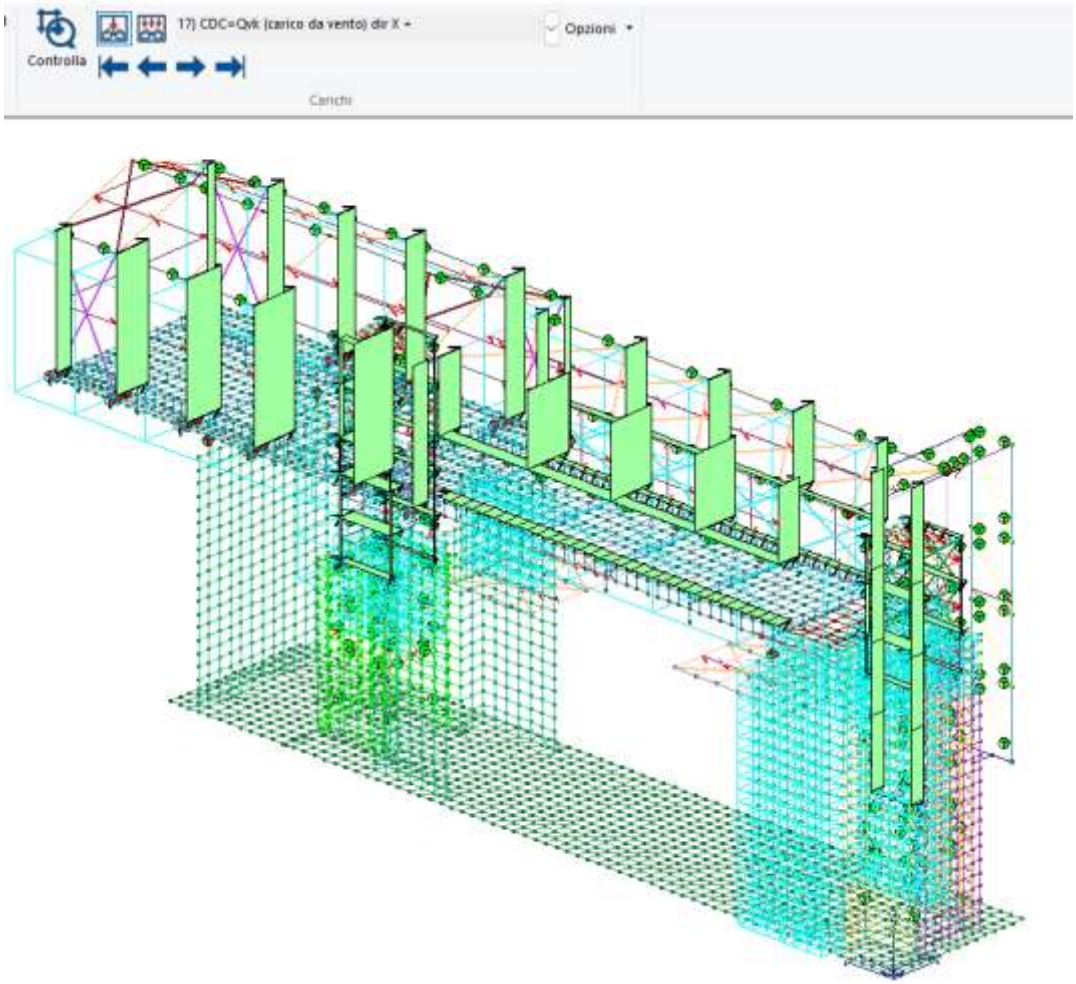
17	Qvk	CDC=Qvk (carico da vento) dir X +	Azioni applicate:
18	Qvk	CDC=Qvk (carico da vento) dir X -	Azioni applicate:
19	Qvk	CDC=Qvk (carico da vento) dir Y +	Azioni applicate:
20	Qvk	CDC=Qvk (carico da vento) dir Y -	Azioni applicate:

La pressione del vento applicata è:
PARETI SOPRAVENTO: 160 kg/mq
PARETI SOTTOVENTO: 80 kg/mq



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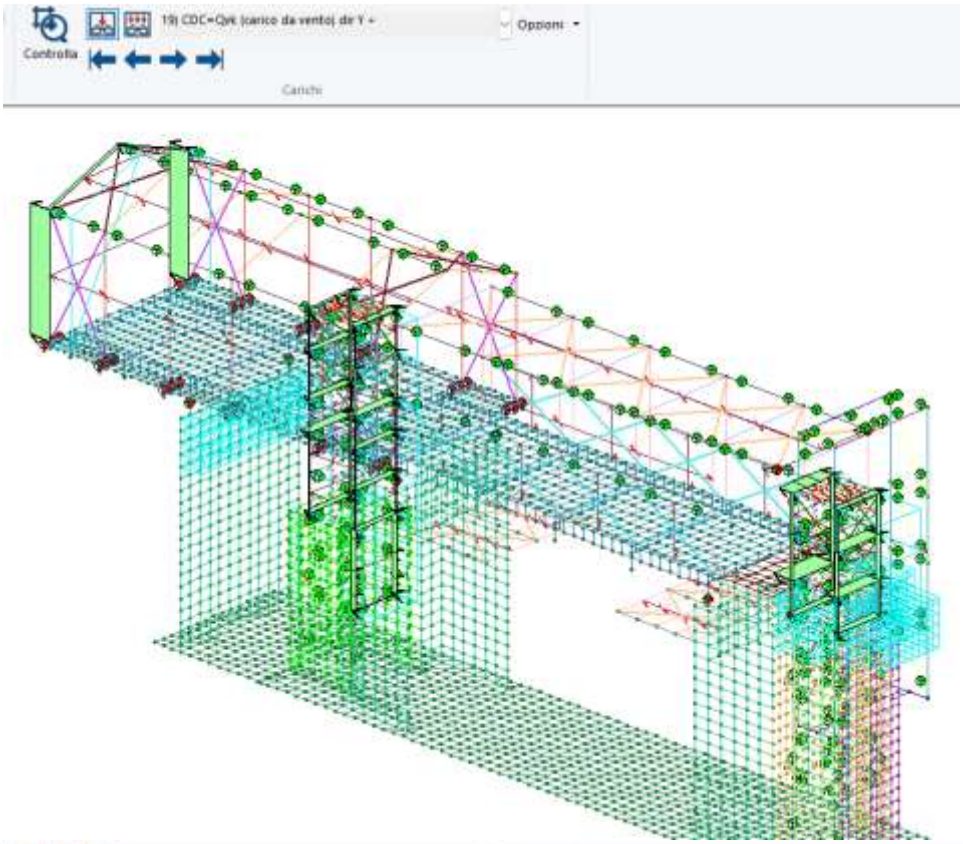

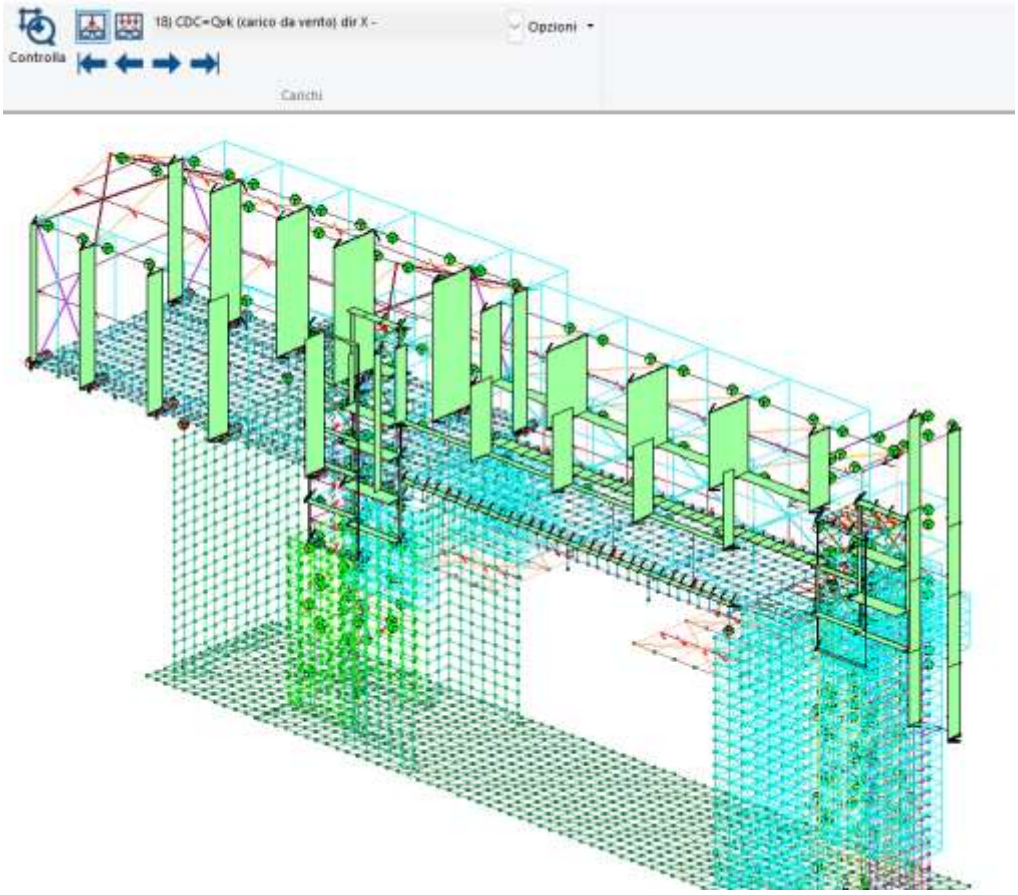

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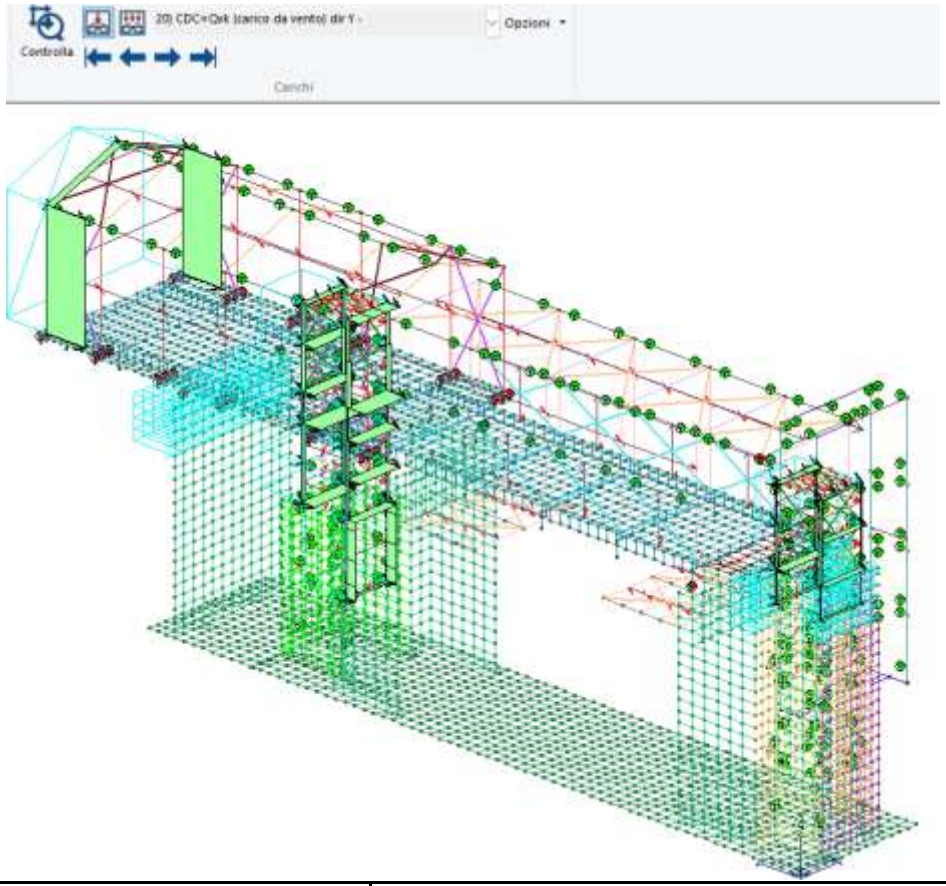

21	Qk	CDC=Qk (variabile generico)	Azioni applicate:

Questo caso di carico non è stato impiegato

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7.10 COMBINAZIONI

Il programma combina i diversi tipi di casi di carico (CDC) secondo le regole previste dalla normativa vigente.
Le combinazioni previste sono destinate al controllo di sicurezza della struttura ed alla verifica degli spostamenti e delle sollecitazioni.

La prima tabella delle combinazioni riportata di seguito comprende le seguenti informazioni: Numero, Tipo, Sigla identificativa. Una seconda tabella riporta il peso nella combinazione assunto per ogni caso di carico.

Ai fini delle verifiche degli stati limite si definiscono le seguenti combinazioni delle azioni:

Combinazione fondamentale SLU

$\gamma G1 \cdot G1 + \gamma G2 \cdot G2 + \gamma P \cdot P + \gamma Q1 \cdot Qk1 + \gamma Q2 \cdot \psi 02 \cdot Qk2 + \gamma Q3 \cdot \psi 03 \cdot Qk3 + \ldots$

Combinazione caratteristica (rara) SLE

$G1 + G2 + P + Qk1 + \psi 02 \cdot Qk2 + \psi 03 \cdot Qk3 + \ldots$

Combinazione frequente SLE

$G1 + G2 + P + \psi 11 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \ldots$

Combinazione quasi permanente SLE

$G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \ldots$

Combinazione sismica, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E

$E + G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \ldots$

Combinazione eccezionale, impiegata per gli stati limite connessi alle azioni eccezionali

$G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \ldots$

Dove:

NTC 2008 Tabella 2.5.I

Destinazione d'uso/azione	ψ0	ψ1	ψ2
Categoria A residenziali	0,70	0,50	0,30
Categoria B uffici	0,70	0,50	0,30
Categoria C ambienti suscettibili di affollamento	0,70	0,70	0,60
Categoria D ambienti ad uso commerciale	0,70	0,70	0,60
Categoria E biblioteche, archivi, magazzini,…	1,00	0,90	0,80
Categoria F Rimesse e parcheggi (autoveicoli <= 30kN)	0,70	0,70	0,60
Categoria G Rimesse e parcheggi (autoveicoli > 30kN)	0,70	0,50	0,30
Categoria H Coperture	0,00	0,00	0,00
Vento	0,60	0,20	0,00
Neve a quota <= 1000 m	0,50	0,20	0,00
Neve a quota > 1000 m	0,70	0,50	0,20
Variazioni Termiche	0,60	0,50	0,00

Nelle verifiche possono essere adottati in alternativa due diversi approcci progettuali:
- per l'approccio 1 si considerano due diverse combinazioni di gruppi di coefficienti di sicurezza parziali per le azioni, per i materiali e per la resistenza globale (combinazione 1 con coefficienti A1 e combinazione 2 con coefficienti A2),
- per l'approccio 2 si definisce un'unica combinazione per le azioni, per la resistenza dei materiali e per la resistenza globale (con coefficienti A1).

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NTC 2008 Tabella 2.6.I

		Coefficiente γf	EQU	A1	A2
Carichi permanenti	Favorevoli Sfavorevoli	γG1	0,9 1,1	1,0 1,3	1,0 1,0
Carichi permanenti non strutturali (Non compiutamente definiti)	Favorevoli Sfavorevoli	γG2	0,0 1,5	0,0 1,5	0,0 1,3
Carichi variabili	Favorevoli Sfavorevoli	γQi	0,0 1,5	0,0 1,5	0,0 1,3

Nella seguente tabella sono evidenziate con colore le combinazioni dimensionanti allo SLU come segue:

trave principale composta

travi secondarie HEB 600

telai in acciaio in elevazione

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	SLU 1	
2	SLU	SLU 2	
3	SLU	SLU 3	
4	SLU	SLU 4	
5	SLU	SLU 5	
6	SLU	SLU 6	
7	SLU	SLU 7	
8	SLU	SLU 8	
9	SLU	SLU 9	
10	SLU	SLU 10	
11	SLU	SLU 11	
12	SLU	SLU 12	
13	SLU	SLU 13	
14	SLU	SLU 14	
15	SLU	SLU 15	
16	SLU	SLU 16	
17	SLU	SLU 17	
18	SLU	SLU 18	
19	SLU	SLU 19	
20	SLU	SLU 20	
21	SLU	SLU 21	
22	SLU	SLU 22	
23	SLU	SLU 23	
24	SLU	SLU 24	
25	SLU	SLU 25	
26	SLU	SLU 26	
27	SLU	SLU 27	
28	SLU	SLU 28	
29	SLU	SLU 29	
30	SLU	SLU 30	
31	SLU	SLU 31	
32	SLU	SLU 32	
33	SLU	SLU 33	
34	SLU	SLU 34	
35	SLU	SLU 35	
36	SLU	SLU 36	
37	SLU	SLU 37	
38	SLU	SLU 38	
39	SLU	SLU 39	
40	SLU	SLU 40	
41	SLU	SLU 41	
42	SLU	SLU 42	
43	SLU	SLU 43	
44	SLU	SLU 44	
45	SLU	SLU 45	
46	SLU	SLU 46	
47	SLU	SLU 47	
48	SLU	SLU 48	
49	SLU	SLU 49	
50	SLU	SLU 50	
51	SLU	SLU 51	
52	SLU	SLU 52	
53	SLU	SLU 53	
54	SLU	SLU 54	
55	SLU	SLU 55	
56	SLU	SLU 56	
57	SLU	SLU 57	
58	SLU	SLU 58	
59	SLU	SLU 59	
60	SLU	SLU 60	
61	SLU	SLU 61	
62	SLU	SLU 62	

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Cmb	Tipo	Sigla Id	effetto P-delta
63	SLU	SLU 63	
64	SLU	SLU 64	
65	SLU	SLU 65	
66	SLU	SLU 66	
67	SLU	SLU 67	
68	SLU	SLU 68	
69	SLU	SLU 69	
70	SLU	SLU 70	
71	SLU	SLU 71	
72	SLU	SLU 72	
73	SLU	SLU 73	
74	SLU	SLU 74	
75	SLU	SLU 75	
76	SLU	SLU 76	
77	SLU	SLU 77	
78	SLU	SLU 78	
79	SLU	SLU 79	
80	SLU	SLU 80	
81	SLU	SLU 81	
82	SLU	SLU 82	
83	SLU	SLU 83	
84	SLU	SLU 84	
85	SLU	SLU 85	
86	SLU	SLU 86	
87	SLU	SLU 87	
88	SLU	SLU 88	
89	SLU	SLU 89	
90	SLU	SLU 90	
91	SLU	SLU 91	
92	SLU	SLU 92	
93	SLU	SLU 93	
94	SLU	SLU 94	
95	SLU	SLU 95	
96	SLU	SLU 96	
97	SLU	SLU 97	
98	SLU	SLU 98	
99	SLU	SLU 99	
100	SLU	SLU 100	
101	SLU	SLU 101	
102	SLU	SLU 102	
103	SLU	SLU 103	
104	SLU	SLU 104	
105	SLU	SLU 105	
106	SLU	SLU 106	
107	SLU	SLU 107	
108	SLU	SLU 108	
109	SLU	SLU 109	
110	SLU	SLU 110	
111	SLU	SLU 111	
112	SLU	SLU 112	
113	SLU	SLU 113	
114	SLU	SLU 114	
115	SLU	SLU 115	
116	SLU	SLU 116	
117	SLU	SLU 117	
118	SLU	SLU 118	
119	SLU	SLU 119	
120	SLU	SLU 120	
121	SLU	SLU 121	
122	SLU	SLU 122	
123	SLU	SLU 123	
124	SLU	SLU 124	

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Cmb	Tipo	Sigla Id	effetto P-delta
125	SLU	SLU 125	
126	SLU	SLU 126	
127	SLU	SLU 127	
128	SLU	SLU 128	
129	SLU	SLU 129	
130	SLU	SLU 130	
131	SLU	SLU 131	
132	SLU	SLU 132	
133	SLU	SLU 133	
134	SLU	SLU 134	
135	SLU	SLU 135	
136	SLU	SLU 136	
137	SLU	SLU 137	
138	SLU	SLU 138	
139	SLU	SLU 139	
140	SLU	SLU 140	
141	SLU	SLU 141	
142	SLU	SLU 142	
143	SLU	SLU 143	
144	SLU	SLU 144	
145	SLU	SLU 145	
146	SLU	SLU 146	
147	SLU	SLU 147	
148	SLU	SLU 148	
149	SLU	SLU 149	
150	SLU	SLU 150	
151	SLU	SLU 151	
152	SLU	SLU 152	
153	SLU	SLU 153	
154	SLU	SLU 154	
155	SLU	SLU 155	
156	SLU	SLU 156	
157	SLU	SLU 157	
158	SLU	SLU 158	
159	SLU	SLU 159	
160	SLU	SLU 160	
161	SLU	SLU 161	
162	SLU	SLU 162	
163	SLU	SLU 163	
164	SLU	SLU 164	
165	SLU	SLU 165	
166	SLU	SLU 166	
167	SLU	SLU 167	
168	SLU	SLU 168	
169	SLU	SLU 169	
170	SLU	SLU 170	
171	SLU	SLU 171	
172	SLU	SLU 172	
173	SLU	SLU 173	
174	SLU	SLU 174	
175	SLU	SLU 175	
176	SLU	SLU 176	
177	SLU	SLU 177	
178	SLU	SLU 178	
179	SLU	SLU 179	
180	SLU	SLU 180	
181	SLU	SLU 181	
182	SLU	SLU 182	
183	SLU	SLU 183	
184	SLU	SLU 184	
185	SLE(r)	SLE (rara) 185	
186	SLE(r)	SLE (rara) 186	

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Cmb	Tipo	Sigla Id	effetto P-delta
187	SLE(r)	SLE (rara) 187	
188	SLE(r)	SLE (rara) 188	
189	SLE(r)	SLE (rara) 189	
190	SLE(r)	SLE (rara) 190	
191	SLE(r)	SLE (rara) 191	
192	SLE(r)	SLE (rara) 192	
193	SLE(r)	SLE (rara) 193	
194	SLE(r)	SLE (rara) 194	
195	SLE(r)	SLE (rara) 195	
196	SLE(r)	SLE (rara) 196	
197	SLE(r)	SLE (rara) 197	
198	SLE(r)	SLE (rara) 198	
199	SLE(r)	SLE (rara) 199	
200	SLE(r)	SLE (rara) 200	
201	SLE(r)	SLE (rara) 201	
202	SLE(r)	SLE (rara) 202	
203	SLE(r)	SLE (rara) 203	
204	SLE(r)	SLE (rara) 204	
205	SLE(r)	SLE (rara) 205	
206	SLE(r)	SLE (rara) 206	
207	SLE(r)	SLE (rara) 207	
208	SLE(r)	SLE (rara) 208	
209	SLE(r)	SLE (rara) 209	
210	SLE(r)	SLE (rara) 210	
211	SLE(r)	SLE (rara) 211	
212	SLE(r)	SLE (rara) 212	
213	SLE(r)	SLE (rara) 213	
214	SLE(r)	SLE (rara) 214	
215	SLE(r)	SLE (rara) 215	
216	SLE(r)	SLE (rara) 216	
217	SLE(r)	SLE (rara) 217	
218	SLE(r)	SLE (rara) 218	
219	SLE(r)	SLE (rara) 219	
220	SLE(r)	SLE (rara) 220	
221	SLE(r)	SLE (rara) 221	
222	SLE(r)	SLE (rara) 222	
223	SLE(r)	SLE (rara) 223	
224	SLE(r)	SLE (rara) 224	
225	SLE(r)	SLE (rara) 225	
226	SLE(r)	SLE (rara) 226	
227	SLE(r)	SLE (rara) 227	
228	SLE(r)	SLE (rara) 228	
229	SLE(r)	SLE (rara) 229	
230	SLE(r)	SLE (rara) 230	
231	SLE(r)	SLE (rara) 231	
232	SLE(r)	SLE (rara) 232	
233	SLE(r)	SLE (rara) 233	
234	SLE(r)	SLE (rara) 234	
235	SLE(r)	SLE (rara) 235	
236	SLE(r)	SLE (rara) 236	
237	SLE(r)	SLE (rara) 237	
238	SLE(r)	SLE (rara) 238	
239	SLE(r)	SLE (rara) 239	
240	SLE(r)	SLE (rara) 240	
241	SLE(r)	SLE (rara) 241	
242	SLE(r)	SLE (rara) 242	
243	SLE(r)	SLE (rara) 243	
244	SLE(r)	SLE (rara) 244	
245	SLE(r)	SLE (rara) 245	
246	SLE(r)	SLE (rara) 246	
247	SLE(r)	SLE (rara) 247	
248	SLE(r)	SLE (rara) 248	

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Cmb	Tipo	Sigla Id	effetto P-delta
249	SLE(r)	SLE (rara) 249	
250	SLE(r)	SLE (rara) 250	
251	SLE(r)	SLE (rara) 251	
252	SLE(r)	SLE (rara) 252	
253	SLE(r)	SLE (rara) 253	
254	SLE(r)	SLE (rara) 254	
255	SLE(r)	SLE (rara) 255	
256	SLE(r)	SLE (rara) 256	
257	SLE(r)	SLE (rara) 257	
258	SLE(r)	SLE (rara) 258	
259	SLE(r)	SLE (rara) 259	
260	SLE(r)	SLE (rara) 260	
261	SLE(r)	SLE (rara) 261	
262	SLE(r)	SLE (rara) 262	
263	SLE(r)	SLE (rara) 263	
264	SLE(r)	SLE (rara) 264	
265	SLE(r)	SLE (rara) 265	
266	SLE(r)	SLE (rara) 266	
267	SLE(r)	SLE (rara) 267	
268	SLE(r)	SLE (rara) 268	
269	SLE(r)	SLE (rara) 269	
270	SLE(r)	SLE (rara) 270	
271	SLE(r)	SLE (rara) 271	
272	SLE(r)	SLE (rara) 272	
273	SLE(r)	SLE (rara) 273	
274	SLE(r)	SLE (rara) 274	
275	SLE(r)	SLE (rara) 275	
276	SLE(r)	SLE (rara) 276	
277	SLE(r)	SLE (rara) 277	
278	SLE(r)	SLE (rara) 278	
279	SLE(r)	SLE (rara) 279	
280	SLE(r)	SLE (rara) 280	
281	SLE(r)	SLE (rara) 281	
282	SLE(r)	SLE (rara) 282	
283	SLE(r)	SLE (rara) 283	
284	SLE(r)	SLE (rara) 284	
285	SLE(r)	SLE (rara) 285	
286	SLE(r)	SLE (rara) 286	
287	SLE(r)	SLE (rara) 287	
288	SLE(r)	SLE (rara) 288	
289	SLE(r)	SLE (rara) 289	
290	SLE(r)	SLE (rara) 290	
291	SLE(r)	SLE (rara) 291	
292	SLE(r)	SLE (rara) 292	
293	SLE(r)	SLE (rara) 293	
294	SLE(r)	SLE (rara) 294	
295	SLE(r)	SLE (rara) 295	
296	SLE(r)	SLE (rara) 296	
297	SLE(r)	SLE (rara) 297	
298	SLE(r)	SLE (rara) 298	
299	SLE(r)	SLE (rara) 299	
300	SLE(r)	SLE (rara) 300	
301	SLE(r)	SLE (rara) 301	
302	SLE(r)	SLE (rara) 302	
303	SLE(r)	SLE (rara) 303	
304	SLE(r)	SLE (rara) 304	
305	SLE(f)	SLE (freq) 305	
306	SLE(f)	SLE (freq) 306	
307	SLE(f)	SLE (freq) 307	
308	SLE(f)	SLE (freq) 308	
309	SLE(f)	SLE (freq) 309	
310	SLE(f)	SLE (freq) 310	

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Cmb	Tipo	Sigla Id	effetto P-delta
311	SLE(f)	SLE (freq) 311	
312	SLE(f)	SLE (freq) 312	
313	SLE(f)	SLE (freq) 313	
314	SLE(f)	SLE (freq) 314	
315	SLE(f)	SLE (freq) 315	
316	SLE(f)	SLE (freq) 316	
317	SLE(f)	SLE (freq) 317	
318	SLE(f)	SLE (freq) 318	
319	SLE(f)	SLE (freq) 319	
320	SLE(f)	SLE (freq) 320	
321	SLE(f)	SLE (freq) 321	
322	SLE(f)	SLE (freq) 322	
323	SLE(f)	SLE (freq) 323	
324	SLE(f)	SLE (freq) 324	
325	SLE(f)	SLE (freq) 325	
326	SLE(f)	SLE (freq) 326	
327	SLE(f)	SLE (freq) 327	
328	SLE(f)	SLE (freq) 328	
329	SLE(f)	SLE (freq) 329	
330	SLE(f)	SLE (freq) 330	
331	SLE(f)	SLE (freq) 331	
332	SLE(f)	SLE (freq) 332	
333	SLE(f)	SLE (freq) 333	
334	SLE(f)	SLE (freq) 334	
335	SLE(f)	SLE (freq) 335	
336	SLE(f)	SLE (freq) 336	
337	SLE(f)	SLE (freq) 337	
338	SLE(f)	SLE (freq) 338	
339	SLE(f)	SLE (freq) 339	
340	SLE(f)	SLE (freq) 340	
341	SLE(f)	SLE (freq) 341	
342	SLE(f)	SLE (freq) 342	
343	SLE(f)	SLE (freq) 343	
344	SLE(f)	SLE (freq) 344	
345	SLE(f)	SLE (freq) 345	
346	SLE(f)	SLE (freq) 346	
347	SLE(p)	SLE (perm) 347	
348	SLE(p)	SLE (perm) 348	
349	SLE(p)	SLE (perm) 349	
350	SLE(p)	SLE (perm) 350	
351	SLE(p)	SLE (perm) 351	
352	SLE(p)	SLE (perm) 352	
353	SLE(p)	SLE (perm) 353	
354	SLE(p)	SLE (perm) 354	
355	SLU	Comb. SLU A1 (SLV sism.) 355	
356	SLU	Comb. SLU A1 (SLV sism.) 356	
357	SLU	Comb. SLU A1 (SLV sism.) 357	
358	SLU	Comb. SLU A1 (SLV sism.) 358	
359	SLU	Comb. SLU A1 (SLV sism.) 359	
360	SLU	Comb. SLU A1 (SLV sism.) 360	
361	SLU	Comb. SLU A1 (SLV sism.) 361	
362	SLU	Comb. SLU A1 (SLV sism.) 362	
363	SLU	Comb. SLU A1 (SLV sism.) 363	
364	SLU	Comb. SLU A1 (SLV sism.) 364	
365	SLU	Comb. SLU A1 (SLV sism.) 365	
366	SLU	Comb. SLU A1 (SLV sism.) 366	
367	SLU	Comb. SLU A1 (SLV sism.) 367	
368	SLU	Comb. SLU A1 (SLV sism.) 368	
369	SLU	Comb. SLU A1 (SLV sism.) 369	
370	SLU	Comb. SLU A1 (SLV sism.) 370	
371	SLU	Comb. SLU A1 (SLV sism.) 371	
372	SLU	Comb. SLU A1 (SLV sism.) 372	

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
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Cmb	Tipo	Sigla Id	effetto P-delta
373	SLU	Comb. SLU A1 (SLV sism.) 373	
374	SLU	Comb. SLU A1 (SLV sism.) 374	
375	SLU	Comb. SLU A1 (SLV sism.) 375	
376	SLU	Comb. SLU A1 (SLV sism.) 376	
377	SLU	Comb. SLU A1 (SLV sism.) 377	
378	SLU	Comb. SLU A1 (SLV sism.) 378	
379	SLU	Comb. SLU A1 (SLV sism.) 379	
380	SLU	Comb. SLU A1 (SLV sism.) 380	
381	SLU	Comb. SLU A1 (SLV sism.) 381	
382	SLU	Comb. SLU A1 (SLV sism.) 382	
383	SLU	Comb. SLU A1 (SLV sism.) 383	
384	SLU	Comb. SLU A1 (SLV sism.) 384	
385	SLU	Comb. SLU A1 (SLV sism.) 385	
386	SLU	Comb. SLU A1 (SLV sism.) 386	
387	SLE(sis)	Comb. SLE (SLD Danno sism.) 387	
388	SLE(sis)	Comb. SLE (SLD Danno sism.) 388	
389	SLE(sis)	Comb. SLE (SLD Danno sism.) 389	
390	SLE(sis)	Comb. SLE (SLD Danno sism.) 390	
391	SLE(sis)	Comb. SLE (SLD Danno sism.) 391	
392	SLE(sis)	Comb. SLE (SLD Danno sism.) 392	
393	SLE(sis)	Comb. SLE (SLD Danno sism.) 393	
394	SLE(sis)	Comb. SLE (SLD Danno sism.) 394	
395	SLE(sis)	Comb. SLE (SLD Danno sism.) 395	
396	SLE(sis)	Comb. SLE (SLD Danno sism.) 396	
397	SLE(sis)	Comb. SLE (SLD Danno sism.) 397	
398	SLE(sis)	Comb. SLE (SLD Danno sism.) 398	
399	SLE(sis)	Comb. SLE (SLD Danno sism.) 399	
400	SLE(sis)	Comb. SLE (SLD Danno sism.) 400	
401	SLE(sis)	Comb. SLE (SLD Danno sism.) 401	
402	SLE(sis)	Comb. SLE (SLD Danno sism.) 402	
403	SLE(sis)	Comb. SLE (SLD Danno sism.) 403	
404	SLE(sis)	Comb. SLE (SLD Danno sism.) 404	
405	SLE(sis)	Comb. SLE (SLD Danno sism.) 405	
406	SLE(sis)	Comb. SLE (SLD Danno sism.) 406	
407	SLE(sis)	Comb. SLE (SLD Danno sism.) 407	
408	SLE(sis)	Comb. SLE (SLD Danno sism.) 408	
409	SLE(sis)	Comb. SLE (SLD Danno sism.) 409	
410	SLE(sis)	Comb. SLE (SLD Danno sism.) 410	
411	SLE(sis)	Comb. SLE (SLD Danno sism.) 411	
412	SLE(sis)	Comb. SLE (SLD Danno sism.) 412	
413	SLE(sis)	Comb. SLE (SLD Danno sism.) 413	
414	SLE(sis)	Comb. SLE (SLD Danno sism.) 414	
415	SLE(sis)	Comb. SLE (SLD Danno sism.) 415	
416	SLE(sis)	Comb. SLE (SLD Danno sism.) 416	
417	SLE(sis)	Comb. SLE (SLD Danno sism.) 417	
418	SLE(sis)	Comb. SLE (SLD Danno sism.) 418	
419	SLE(sis)	Comb. SLE (SLO Operativo sism.) 419	
420	SLE(sis)	Comb. SLE (SLO Operativo sism.) 420	
421	SLE(sis)	Comb. SLE (SLO Operativo sism.) 421	
422	SLE(sis)	Comb. SLE (SLO Operativo sism.) 422	
423	SLE(sis)	Comb. SLE (SLO Operativo sism.) 423	
424	SLE(sis)	Comb. SLE (SLO Operativo sism.) 424	
425	SLE(sis)	Comb. SLE (SLO Operativo sism.) 425	
426	SLE(sis)	Comb. SLE (SLO Operativo sism.) 426	
427	SLE(sis)	Comb. SLE (SLO Operativo sism.) 427	
428	SLE(sis)	Comb. SLE (SLO Operativo sism.) 428	
429	SLE(sis)	Comb. SLE (SLO Operativo sism.) 429	
430	SLE(sis)	Comb. SLE (SLO Operativo sism.) 430	
431	SLE(sis)	Comb. SLE (SLO Operativo sism.) 431	
432	SLE(sis)	Comb. SLE (SLO Operativo sism.) 432	
433	SLE(sis)	Comb. SLE (SLO Operativo sism.) 433	
434	SLE(sis)	Comb. SLE (SLO Operativo sism.) 434	

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
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Cmb	Tipo	Sigla Id	effetto P-delta
435	SLE(sis)	Comb. SLE (SLO Operativo sism.) 435	
436	SLE(sis)	Comb. SLE (SLO Operativo sism.) 436	
437	SLE(sis)	Comb. SLE (SLO Operativo sism.) 437	
438	SLE(sis)	Comb. SLE (SLO Operativo sism.) 438	
439	SLE(sis)	Comb. SLE (SLO Operativo sism.) 439	
440	SLE(sis)	Comb. SLE (SLO Operativo sism.) 440	
441	SLE(sis)	Comb. SLE (SLO Operativo sism.) 441	
442	SLE(sis)	Comb. SLE (SLO Operativo sism.) 442	
443	SLE(sis)	Comb. SLE (SLO Operativo sism.) 443	
444	SLE(sis)	Comb. SLE (SLO Operativo sism.) 444	
445	SLE(sis)	Comb. SLE (SLO Operativo sism.) 445	
446	SLE(sis)	Comb. SLE (SLO Operativo sism.) 446	
447	SLE(sis)	Comb. SLE (SLO Operativo sism.) 447	
448	SLE(sis)	Comb. SLE (SLO Operativo sism.) 448	
449	SLE(sis)	Comb. SLE (SLO Operativo sism.) 449	
450	SLE(sis)	Comb. SLE (SLO Operativo sism.) 450	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.35	1.35	1.50	1.50	1.50	1.35	1.50	0.0	0.0	1.50	1.20	0.0	0.0	1.05
	1.05	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2	1.35	1.35	1.50	1.50	1.50	1.35	1.50	0.0	0.0	1.50	1.20	0.0	0.0	1.05
	1.05	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
3	1.35	1.35	1.50	1.50	1.50	1.35	1.50	0.0	0.0	1.50	1.20	0.0	0.0	1.05
	1.05	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
4	1.35	1.35	1.50	1.50	1.50	1.35	1.50	0.0	0.0	1.50	1.20	0.0	0.0	1.05
	1.05	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5	1.35	1.35	1.50	1.50	1.50	1.35	1.50	0.0	0.0	-1.50	1.20	0.0	0.0	1.05
	1.05	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
6	1.35	1.35	1.50	1.50	1.50	1.35	1.50	0.0	0.0	-1.50	1.20	0.0	0.0	1.05
	1.05	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
7	1.35	1.35	1.50	1.50	1.50	1.35	1.50	0.0	0.0	-1.50	1.20	0.0	0.0	1.05
	1.05	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
8	1.35	1.35	1.50	1.50	1.50	1.35	1.50	0.0	0.0	-1.50	1.20	0.0	0.0	1.05
	1.05	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
9	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	0.90	1.20	1.45	1.50	0.0
	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
10	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	0.90	1.20	1.45	1.50	0.0
	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
11	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	0.90	1.20	1.45	1.50	0.0
	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
12	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	0.90	1.20	1.45	1.50	0.0
	0.0	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
13	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	-0.90	1.20	1.45	1.50	0.0
	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
14	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	-0.90	1.20	1.45	1.50	0.0
	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
15	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	-0.90	1.20	1.45	1.50	0.0
	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
16	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	-0.90	1.20	1.45	1.50	0.0
	0.0	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
17	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	1.50	1.20	1.16	1.05	0.0
	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
18	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	1.50	1.20	1.16	1.05	0.0
	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
19	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	1.50	1.20	1.16	1.05	0.0
	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
20	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	1.50	1.20	1.16	1.05	0.0
	0.0	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
21	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	-1.50	1.20	1.16	1.05	0.0
	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
22	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	-1.50	1.20	1.16	1.05	0.0
	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
23	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	-1.50	1.20	1.16	1.05	0.0
	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
24	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	-1.50	1.20	1.16	1.05	0.0
	0.0	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
25	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.16	1.05	1.05
	1.05	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
26	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.16	1.05	1.05
	1.05	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
27	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.16	1.05	1.05
	1.05	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
28	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.16	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
29	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.16	1.05	1.05
	1.05	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
30	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.16	1.05	1.05
	1.05	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
31	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.16	1.05	1.05
	1.05	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
32	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.16	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
33	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
34	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
35	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	1.50	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
36	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
37	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
38	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
39	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
40	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
41	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	0.0	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
42	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	0.0	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
43	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	0.0	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
44	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	0.0	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
45	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	0.0
	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
46	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	0.0
	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
47	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	0.0
	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
48	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	0.0
	1.50	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
49	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
50	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
51	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
52	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
53	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	0.0	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
54	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	0.0	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
55	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	0.0	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
56	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	0.0	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
57	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	0.0
	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
58	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	0.0
	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
59	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	0.0
	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
60	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	0.0
	1.50	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
61	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
62	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
63	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
64	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
65	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	1.50
	0.0	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
66	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	1.50
	0.0	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
67	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	1.50
	0.0	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
68	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	1.50
	0.0	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
69	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	0.0
	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
70	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	0.0
	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
71	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	0.0
	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
72	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	0.0
	1.50	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
73	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	1.50
	1.50	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
74	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	1.50
	1.50	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
75	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
76	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
77	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	1.50
	0.0	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
78	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	1.50
	0.0	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
79	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	1.50
	0.0	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
80	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	1.50
	0.0	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
81	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	0.0
	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
82	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	0.0
	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
83	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	0.0
	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
84	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	0.0
	1.50	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
85	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	1.50
	1.50	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
86	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	1.50
	1.50	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
87	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
88	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
89	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	1.05
	0.0	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
90	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
91	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
92	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
93	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	0.0
	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
94	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
95	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
96	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	0.0

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	1.05	0.0	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
97	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	1.05
	1.05	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
98	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
99	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
100	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
101	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	1.05
	0.0	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
102	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
103	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
104	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
105	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	0.0
	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
106	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
107	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
108	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
109	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	1.05
	1.05	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
110	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
111	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
112	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
113	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	1.05
	0.0	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
114	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
115	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
116	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
117	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	0.0
	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
118	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
119	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
120	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
121	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	1.05
	1.05	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
122	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
123	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
124	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
125	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	1.05
	0.0	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
126	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
127	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
128	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
129	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	0.0
	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
130	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
131	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
132	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
133	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	1.05
	1.05	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
134	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
135	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
136	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
137	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	1.05
	0.0	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
138	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
139	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
140	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
141	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	0.0
	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
142	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
143	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
144	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
145	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	1.05
	1.05	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
146	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
147	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
148	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
149	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	1.05
	0.0	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
150	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
151	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
152	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
153	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	0.0
	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
154	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
155	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
156	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
157	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	1.05

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	1.05	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
158	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
159	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
160	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
161	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	1.05
	0.0	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
162	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
163	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
164	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
165	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	0.0
	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
166	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
167	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
168	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
169	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	1.05
	1.05	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
170	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
171	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
172	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
173	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	1.05
	0.0	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
174	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
175	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
176	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
177	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	0.0
	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
178	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
179	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
180	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
181	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	1.05
	1.05	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
182	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
183	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
184	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
185	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	0.0	1.00	1.00	0.0	0.0	0.70
	0.70	0.70	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
186	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	0.0	1.00	1.00	0.0	0.0	0.70
	0.70	0.70	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
187	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	0.0	1.00	1.00	0.0	0.0	0.70
	0.70	0.70	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
188	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	0.0	1.00	1.00	0.0	0.0	0.70
	0.70	0.70	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
189	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	0.0	-1.00	1.00	0.0	0.0	0.70
	0.70	0.70	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
190	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	0.0	-1.00	1.00	0.0	0.0	0.70
	0.70	0.70	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
191	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	0.0	-1.00	1.00	0.0	0.0	0.70
	0.70	0.70	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
192	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	0.0	-1.00	1.00	0.0	0.0	0.70
	0.70	0.70	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
193	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	0.60	1.00	1.00	1.00	0.0
	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
194	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	0.60	1.00	1.00	1.00	0.0
	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
195	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	0.60	1.00	1.00	1.00	0.0
	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
196	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	0.60	1.00	1.00	1.00	0.0
	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
197	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-0.60	1.00	1.00	1.00	0.0
	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
198	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-0.60	1.00	1.00	1.00	0.0
	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
199	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-0.60	1.00	1.00	1.00	0.0
	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
200	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-0.60	1.00	1.00	1.00	0.0
	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
201	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	1.00	1.00	0.80	0.70	0.0
	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
202	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	1.00	1.00	0.80	0.70	0.0
	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
203	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	1.00	1.00	0.80	0.70	0.0
	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
204	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	1.00	1.00	0.80	0.70	0.0
	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
205	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-1.00	1.00	0.80	0.70	0.0
	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
206	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-1.00	1.00	0.80	0.70	0.0
	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
207	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-1.00	1.00	0.80	0.70	0.0
	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
208	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-1.00	1.00	0.80	0.70	0.0
	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
209	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.80	0.70	0.70
	0.70	0.70	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
210	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.80	0.70	0.70
	0.70	0.70	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
211	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.80	0.70	0.70
	0.70	0.70	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
212	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.80	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
213	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	1.00	0.80	0.70	0.70
	0.70	0.70	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
214	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	1.00	0.80	0.70	0.70
	0.70	0.70	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
215	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	1.00	0.80	0.70	0.70
	0.70	0.70	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
216	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	1.00	0.80	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
217	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
218	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	1.00	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
219	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
220	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
221	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
222	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
223	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
224	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
225	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	0.0	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
226	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	0.0	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
227	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	0.0	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
228	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	0.0	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
229	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	0.0
	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
230	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	0.0
	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
231	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	0.0
	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
232	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	0.0
	1.00	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
234	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
235	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
236	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
237	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	0.0	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
238	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	0.0	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
239	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	0.0	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
240	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	0.0	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
241	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	0.0
	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
242	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	0.0
	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
243	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	0.0
	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
244	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	0.0
	1.00	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
245	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
246	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
247	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
248	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
249	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00
	0.0	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
250	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00
	0.0	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
251	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00
	0.0	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
252	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00
	0.0	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
253	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0
	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
254	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0
	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
255	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0
	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
256	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0
	1.00	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
257	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00
	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
258	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00
	1.00	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
259	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
260	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
261	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	1.00
	0.0	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
262	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	1.00
	0.0	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
263	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	1.00
	0.0	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
264	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	1.00
	0.0	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
265	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	0.0
	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
266	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	0.0
	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
267	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	0.0
	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
268	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	0.0
	1.00	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
269	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	1.00
	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
270	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	1.00
	1.00	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
271	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
272	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
273	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	0.70	0.70
	0.70	0.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
274	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
275	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
276	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
277	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	0.70	0.70
	0.70	0.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
278	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
279	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	0.70	0.70

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.70	0.70	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
280	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
281	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	0.70	0.70
	0.70	0.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
282	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
283	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
284	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
285	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	0.70	0.70
	0.70	0.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
286	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
287	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
288	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
289	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.70	0.70
	0.70	0.70	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
290	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
291	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
292	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
293	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	1.00	1.00	0.70	0.70
	0.70	0.70	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
294	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
295	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
296	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
297	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	1.00	0.70	0.70
	0.70	0.70	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
298	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
299	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
300	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
301	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	0.0	1.00	0.70	0.70
	0.70	0.70	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
302	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
303	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
304	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
305	1.00	1.00	1.00	1.00	0.20	1.00	1.00	0.0	0.0	0.60	1.00	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
306	1.00	1.00	1.00	1.00	0.20	1.00	1.00	0.0	0.0	-0.60	1.00	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
307	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	0.50	1.00	0.60	0.60	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
308	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-0.50	1.00	0.60	0.60	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
309	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	0.60	1.00	0.0	0.70	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
310	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-0.60	1.00	0.0	0.70	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
311	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.60	1.00	0.0	0.70	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
312	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.60	1.00	0.0	0.70	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
313	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.50	1.00	0.0	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
314	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.50	1.00	0.0	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
315	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.60	1.00	0.60	0.70	0.70
	0.0	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
316	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.60	1.00	0.60	0.70	0.0
	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
317	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.60	1.00	0.60	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
318	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.60	1.00	0.60	0.70	0.70
	0.0	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
319	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.60	1.00	0.60	0.70	0.0
	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
320	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.60	1.00	0.60	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
321	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.60	0.0	0.60	0.70	0.70
	0.0	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
322	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.60	0.0	0.60	0.70	0.0
	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
323	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.60	0.0	0.60	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
324	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.60	0.0	0.60	0.70	0.70
	0.0	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
325	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.60	0.0	0.60	0.70	0.0
	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
326	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.60	0.0	0.60	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
327	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.50	1.00	0.0	0.60	0.60
	0.60	0.60	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
328	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.50	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
329	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.50	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
330	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.50	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
331	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.50	1.00	0.0	0.60	0.60
	0.60	0.60	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
332	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.50	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
333	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.50	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
334	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.50	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
335	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.50	0.0	0.0	0.60	0.60
	0.60	0.60	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
336	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.50	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
337	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.50	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
338	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.50	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
339	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.50	0.0	0.0	0.60	0.60
	0.60	0.60	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
340	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.50	0.0	0.0	0.60	0.60

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.60	0.60	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
341	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.50	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
342	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.50	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
343	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.60	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
344	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.60	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
345	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
346	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.60	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
347	1.00	1.00	1.00	1.00	0.0	1.00	1.00	0.0	0.0	0.50	1.00	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
348	1.00	1.00	1.00	1.00	0.0	1.00	1.00	0.0	0.0	-0.50	1.00	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
349	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	0.50	1.00	0.0	0.60	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
350	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-0.50	1.00	0.0	0.60	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
351	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.50	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
352	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	-0.50	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
353	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.50	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
354	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	-0.50	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
355	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	-1.00	0.0	-0.30
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
356	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	-1.00	0.0	0.30
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
357	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	1.00	0.0	-0.30
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
358	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	1.00	0.0	0.30
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
359	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	-1.00	0.0	0.0
	-0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
360	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	-1.00	0.0	0.0

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
361	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	1.00	0.0	0.0
	-0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
362	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	1.00	0.0	0.0
	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
363	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	-1.00	-0.30
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
364	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	0.0	-1.00	0.30
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
365	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	0.0	1.00	-0.30
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
366	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	0.0	1.00	0.30
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
367	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	-1.00	0.0
	-0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
368	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	0.0	-1.00	0.0
	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
369	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	0.0	1.00	0.0
	-0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
370	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	0.0	1.00	0.0
	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
371	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	-0.30	0.0	-1.00
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
372	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	-0.30	0.0	1.00
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
373	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	0.30	0.0	-1.00
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
374	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.30	0.0	1.00
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
375	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	-0.30	-1.00
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
376	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	0.0	-0.30	1.00
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
377	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	0.0	0.30	-1.00
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
378	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.30	1.00
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
379	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	-0.30	0.0	0.0
	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
380	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	-0.30	0.0	0.0
	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
381	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	0.30	0.0	0.0
	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
382	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.30	0.0	0.0
	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
383	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	-0.30	0.0
	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
384	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	0.0	-0.30	0.0
	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
385	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	0.0	0.30	0.0
	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
386	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.30	0.0
	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
387	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0					
388	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0					
389	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0					
390	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0					
391	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0					
392	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0					
393	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0					
394	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0					
395	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.00	-0.30	0.0	0.0	0.0	0.0	0.0					
396	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.00	0.30	0.0	0.0	0.0	0.0	0.0					
397	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	-0.30	0.0	0.0	0.0	0.0	0.0					
398	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0					
399	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0					
400	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0					
401	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0					
402	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0					
403	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0					
404	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0					
405	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0					
406	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0					
407	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.30	-1.00	0.0	0.0	0.0	0.0	0.0					
408	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.30	1.00	0.0	0.0	0.0	0.0	0.0					
409	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.30	-1.00	0.0	0.0	0.0	0.0	0.0					
410	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.30	1.00	0.0	0.0	0.0	0.0	0.0					
411	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0					
412	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0					
413	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0					
414	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0					
415	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0					
416	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0					
417	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0					
418	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0					
419	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0					
420	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0					
421	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0					
422	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0					
423	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	-0.30					
424	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.30					
425	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	-0.30					
426	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30					
427	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	-0.30	0.0					
428	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.30	0.0					
429	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0					
430	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0					
431	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30					
432	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30					
433	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30					
434	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30					
435	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0					
436	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0					
437	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0					
438	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0					
439	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	-1.00	0.0					
440	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	1.00	0.0					
441	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.30	-1.00	0.0					

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Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
442	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0					
443	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	-1.00					
444	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	1.00					
445	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	-1.00					
446	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00					
447	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00					
448	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00					
449	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00					
450	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00					

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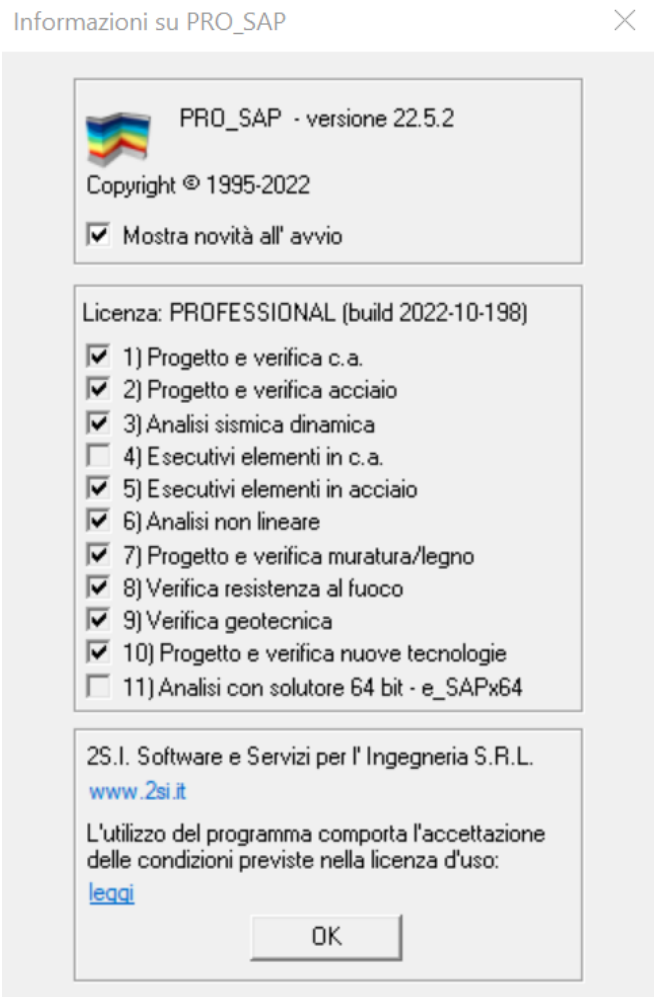
8. INDICAZIONI SUL SOFTWARE UTILIZZATO

Per la progettazione dell' opera in esame si è impiegato il codice di calcolo strutturale PRO_SAP della 2S.I.:

Origine e Caratteristiche dei Codici di Calcolo	
Codice di calcolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2022-10-198)
Produttore- Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l. Via Garibaldi, 90 44121 Ferrara FE (Italy) Tel. +39 0532 200091 www.2si.it



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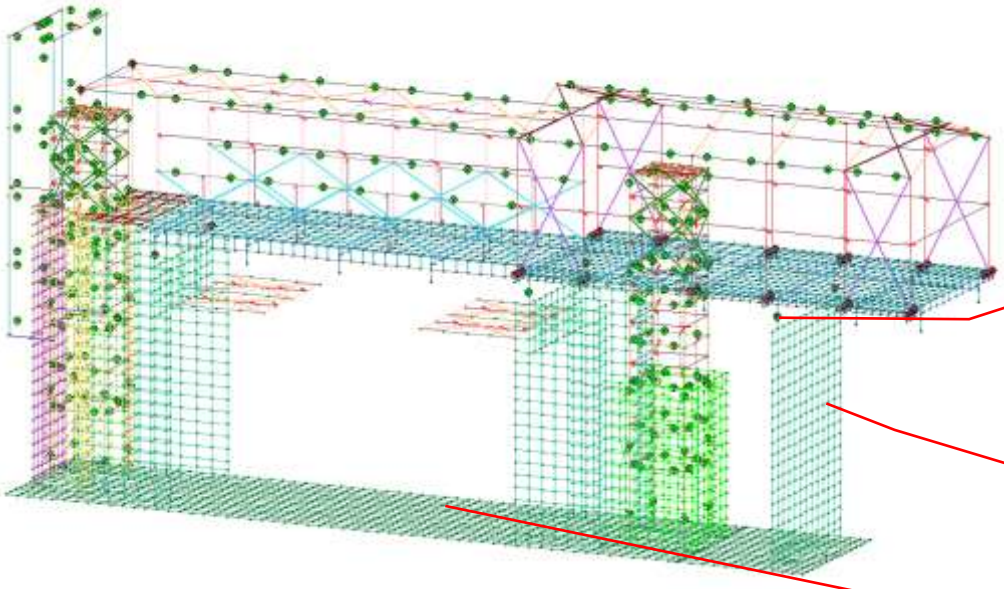
9. CRITERI DI PROGETTO E MODELLAZIONE

9.1 DESCRIZIONE MODELLO DI CALCOLO

Per il calcolo delle sollecitazioni nei vari elementi, si è modellata l'intera struttura 3D. Per la modellazione di tutti gli elementi in acciaio, travi principali, secondarie e colonne si sono utilizzati elementi frame, per tutti gli elementi in calcestruzzo, la soletta dell'impalcato, la copertura e le sottostrutture, sono state modellate con elementi shell.



Modello di calcolo

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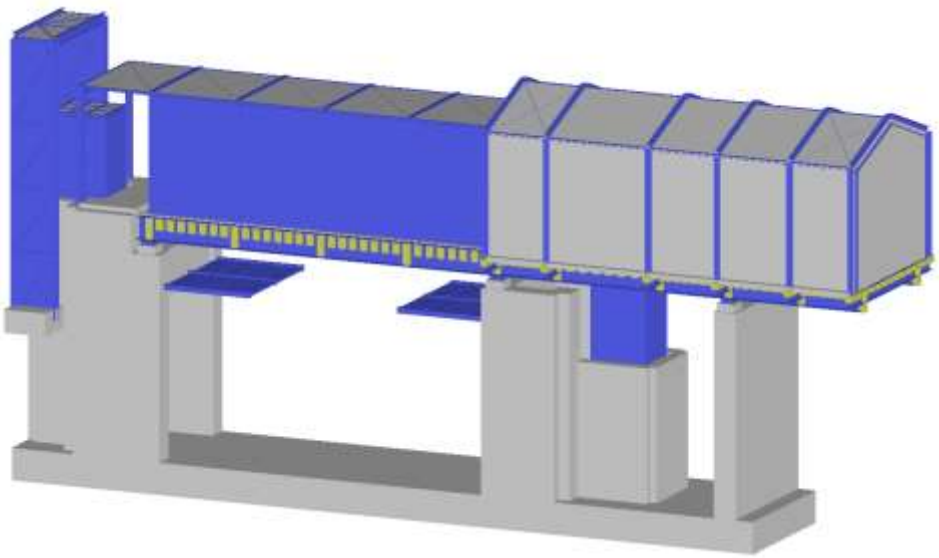
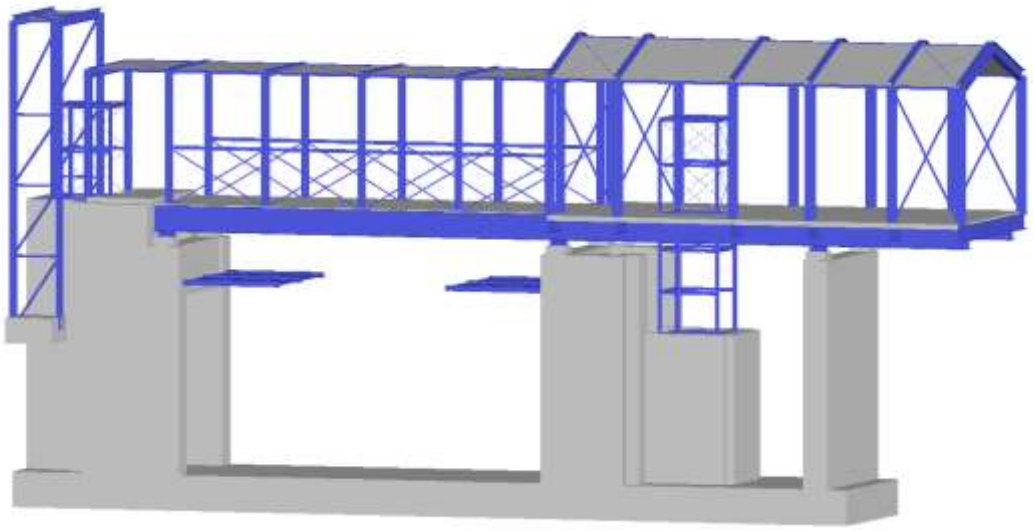


Modello di calcolo – vista estrusa



Modello di calcolo – vista estrusa

La platea di fondazione è modallata con elementi su suolo elastico alla winkler consideranto un coefficiente di sottofondo kv = 1.0 kg/cm^3

Tutti gli elementi frame sono stati modellati nei baricentri. La connessione tra soletta e trave principale dell'impalcato è realizzata attraverso dei bracci rigidi.

I controventi sono stati modellati come elementi tipo asta, e si è fatta l'ipotesi di comportamento solo a trazione di questi.

In questa relazione verranno solo trattate le sovrastrutture, per le sottostrutture si rimanda alla relazione di riferimento.

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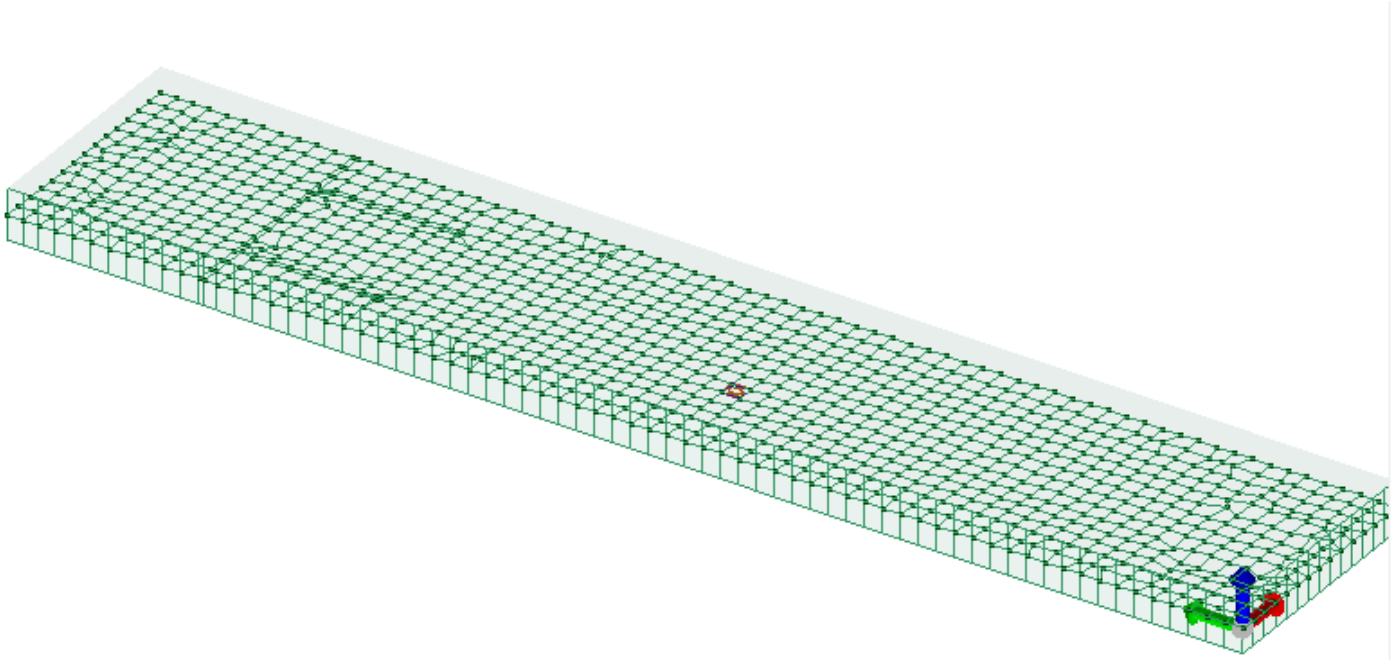
CARATTERISTICHE GEOMETRICHE E PROPRIETA' MECCANICHE DELLE SEZIONI ASSEGNATE AL MODELLO

PLATEA DI FONDAZIONE ELEMENTI SHELL IN CALCESTRUZZO SPESSORE 140 CM



Edita proprietà D3

Generalità	
Elemento tipo	Shell
Spessore	140.0 [cm]
Materiale	[5] Calcestruzzo Classe C32/40
Criterio di progetto	[15] Criterio di progetto NTC2008 fondazioni arm a...
Layer	[1] Layer 0
Svincolo	Non previsto
Filo fisso	elemento in asse
Pretensione	0.0 [daN/ m2]
Interazione terreno	
Fondazione (faccia inferiore)	
K terr. vert.	1.0 [daN/cm3]
K terr. oriz.	0.5 [daN/cm3]

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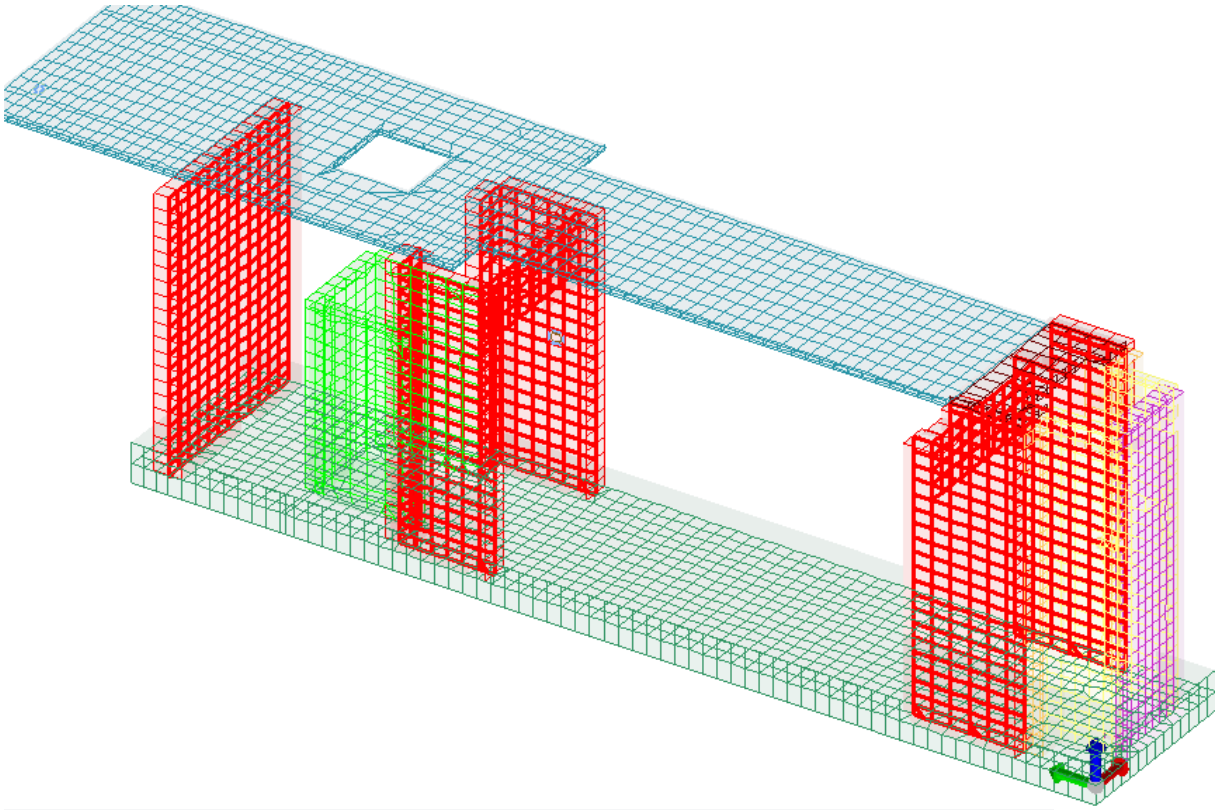
SETTI IN ELEVAZIONE ELEMENTI SHELL IN CALCESTRUZZO SPESSORE 100 CM (EVIDENZIATI IN ROSSO)



Edita proprietà D3

Generalità	
Elemento tipo	Shell
Spessore	100.0 [cm]
Materiale	[5] Calcestruzzo Classe C32/40
Criterio di progetto	[13] Criterio di progetto NTC_ vert 22/15
Layer	[1] Layer 0
Svincolo	Non previsto
Filo fisso	elemento in asse
Pretensione	0.0 [daN/ m2]
Interazione terreno	
Fondazione (faccia inferiore)	
K terr. vert.	0.0 [daN/cm3]
K terr. oriz.	0.0 [daN/cm3]

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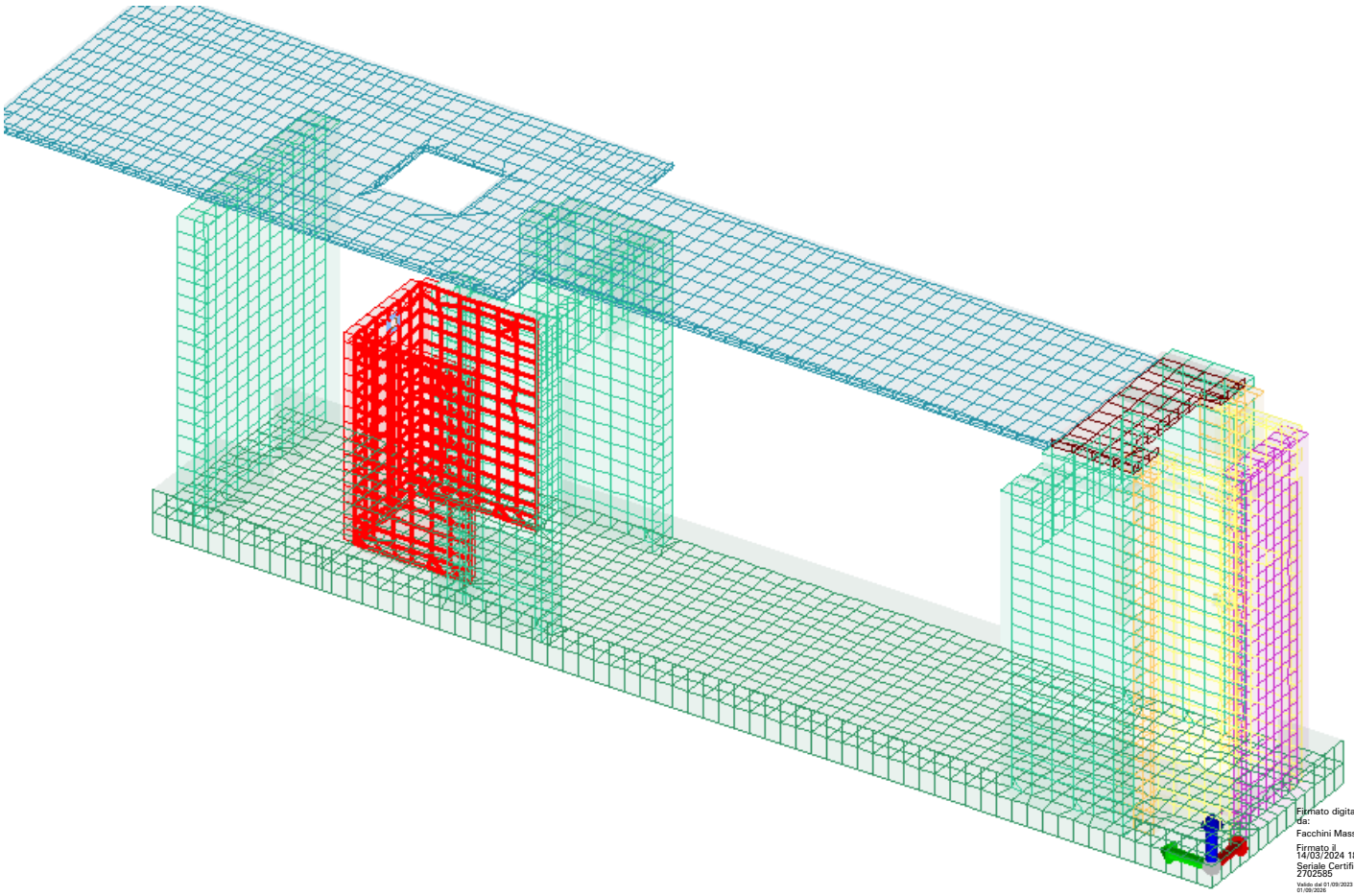
SETTI IN ELEVAZIONE ELEMENTI SHELL IN CALCESTRUZZO SPESSORE 60 CM (EVIDENZIATI IN ROSSO)



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Edita proprietà D3

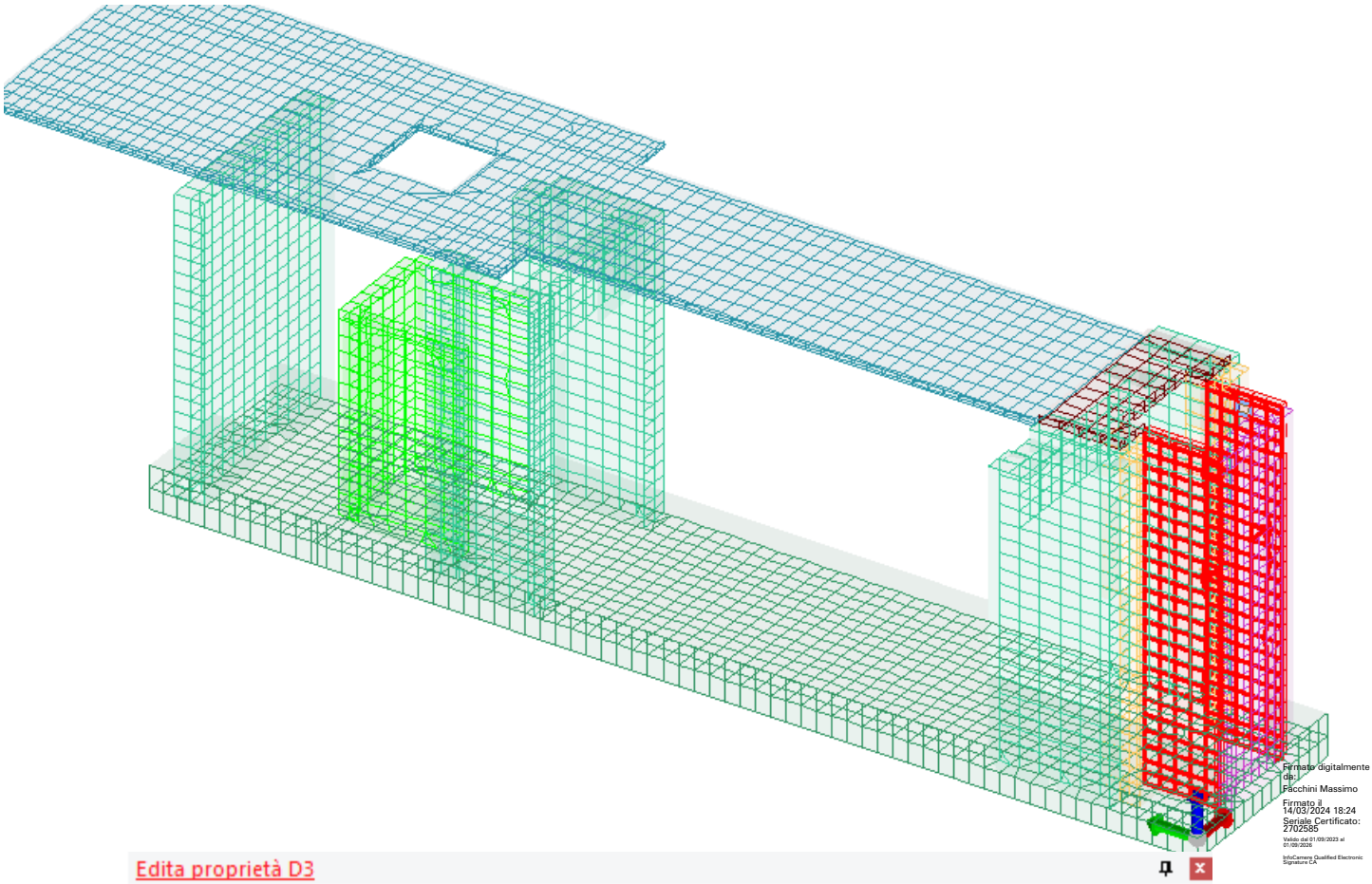
Generalità

Elemento tipo	Shell
Spessore	60.0 [cm]
Materiale	[5] Calcestruzzo Classe C32/40
Criterio di progetto	[1] Criterio di progetto NTC
Layer	[1] Layer 0
Svincolo	Non previsto
Filo fisso	elemento in asse
Pretensione	0.0 [daN/ m2]

Interazione terreno

Fondazione (faccia inferiore)	
K terr. vert.	0.0 [daN/cm3]
K terr. oriz.	0.0 [daN/cm3]

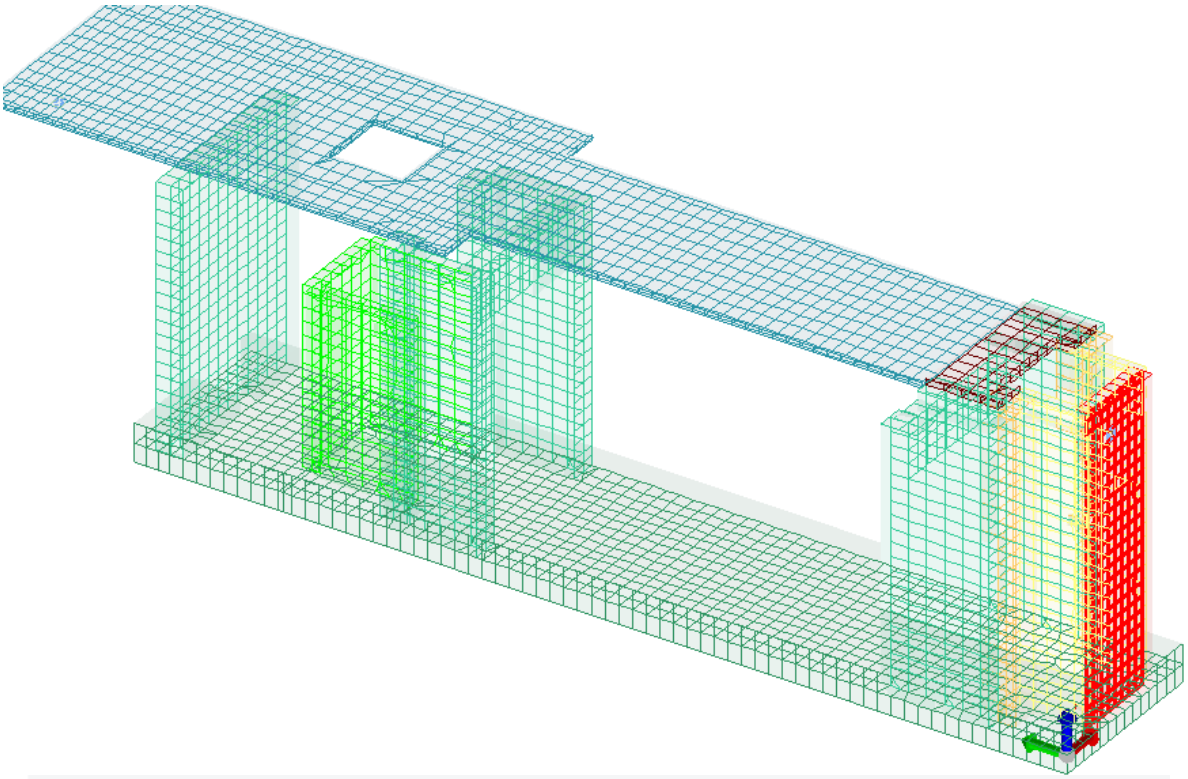
SETTI IN ELEVAZIONE ELEMENTI SHELL IN CALCESTRUZZO SPESSORE 50 CM (EVIDENZIATI IN ROSSO)



Edita proprietà D3

Generalità	
Elemento tipo	Shell
Spessore	50.0 [cm]
Materiale	[5] Calcestruzzo Classe C32/40
Criterio di progetto	[1] Criterio di progetto NTC
Layer	[1] Layer 0
Svincolo	Non previsto
Filo fisso	elemento in asse
Pretensione	0.0 [daN/ m2]
Interazione terreno	
Fondazione (faccia inferiore)	
K terr. vert.	0.0 [daN/cm3]
K terr. oriz.	0.0 [daN/cm3]

SETTI IN ELEVAZIONE ELEMENTI SHELL IN CALCESTRUZZO SPESSORE 80 CM (EVIDENZIATI IN ROSSO)



Edita proprietà D3

Generalità

Elemento tipo	Shell
Spessore	80.0 [cm]
Materiale	[5] Calcestruzzo Classe C32/40
Criterio di progetto	[1] Criterio di progetto NTC
Layer	[1] Layer 0
Svincolo	Non previsto
Filo fisso	elemento in asse
Pretensione	0.0 [daN/ m2]
Interazione terreno	
Fondazione (faccia inferiore)	
K terr. vert.	0.0 [daN/cm3]
K terr. oriz.	0.0 [daN/cm3]

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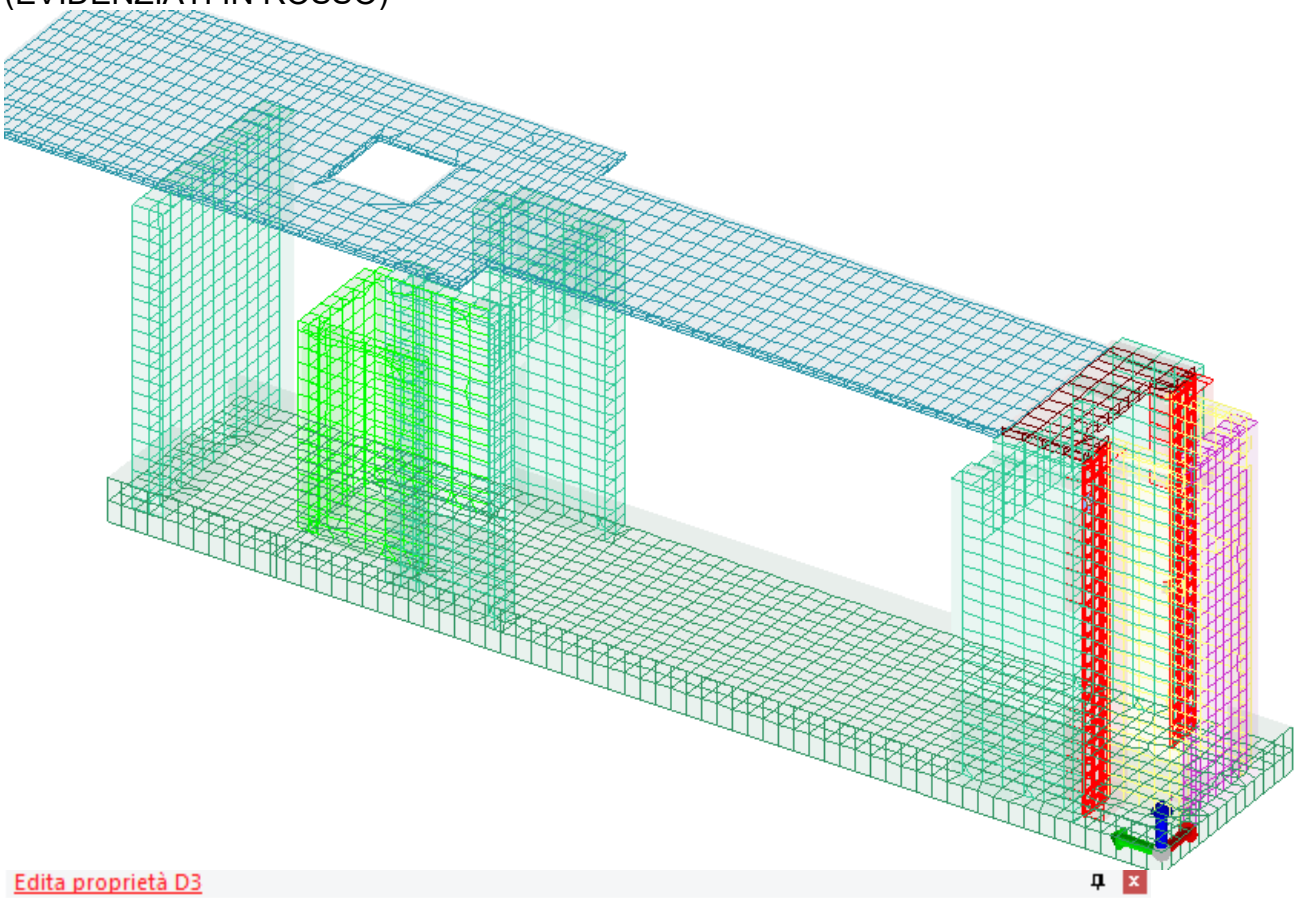
SETTI IN ELEVAZIONE ELEMENTI SHELL IN CALCESTRUZZO SPESSORE 130 CM (EVIDENZIATI IN ROSSO)



Edita proprietà D3

Generalità	
Elemento tipo	Shell
Spessore	130.0 [cm]
Materiale	[5] Calcestruzzo Classe C32/40
Criterio di progetto	[1] Criterio di progetto NTC
Layer	[1] Layer 0
Svincolo	Non previsto
Filo fisso	elemento in asse
Pretensione	0.0 [daN/ m2]
Interazione terreno	
Fondazione (faccia inferiore)	
K terr. vert.	0.0 [daN/cm3]
K terr. oriz.	0.0 [daN/cm3]

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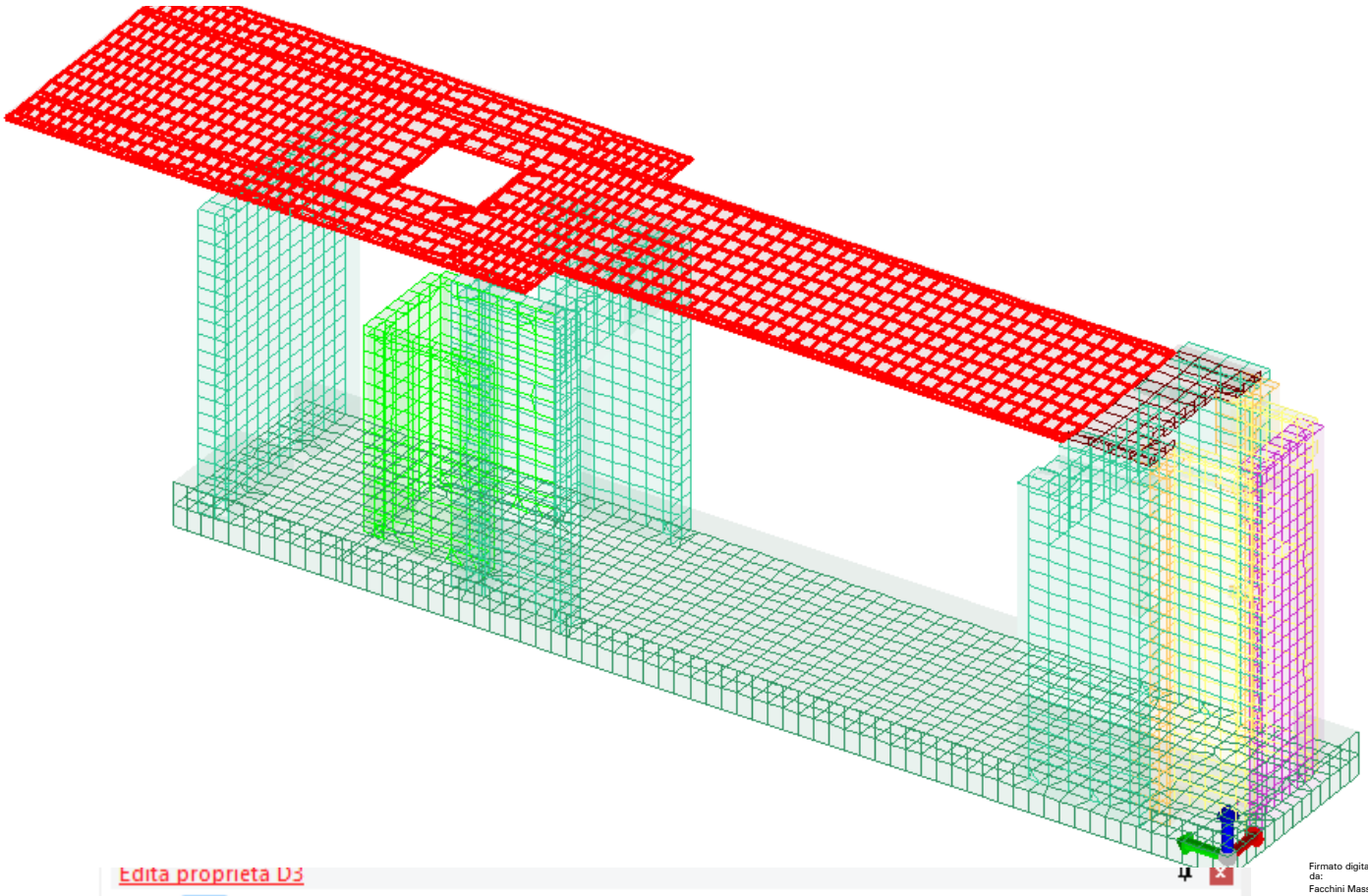
SOLETTA CON ELEMENTI SHELL PASSERELLA SP. 20 CM (EVIDENZIATI IN ROSSO)



Edita proprieta D3

Generalità	
Elemento tipo	Shell
Spessore	20.0 [cm]
Materiale	[5] Calcestruzzo Classe C32/40
Criterio di progetto	[1] Criterio di progetto NTC
Layer	[1] Layer 0
Svincolo	Non previsto
Filo fisso	elemento in asse
Pretensione	0.0 [daN/ m2]
Interazione terreno	
Fondazione (faccia inferiore)	
K terr. vert.	0.0 [daN/cm3]
K terr. oriz.	0.0 [daN/cm3]

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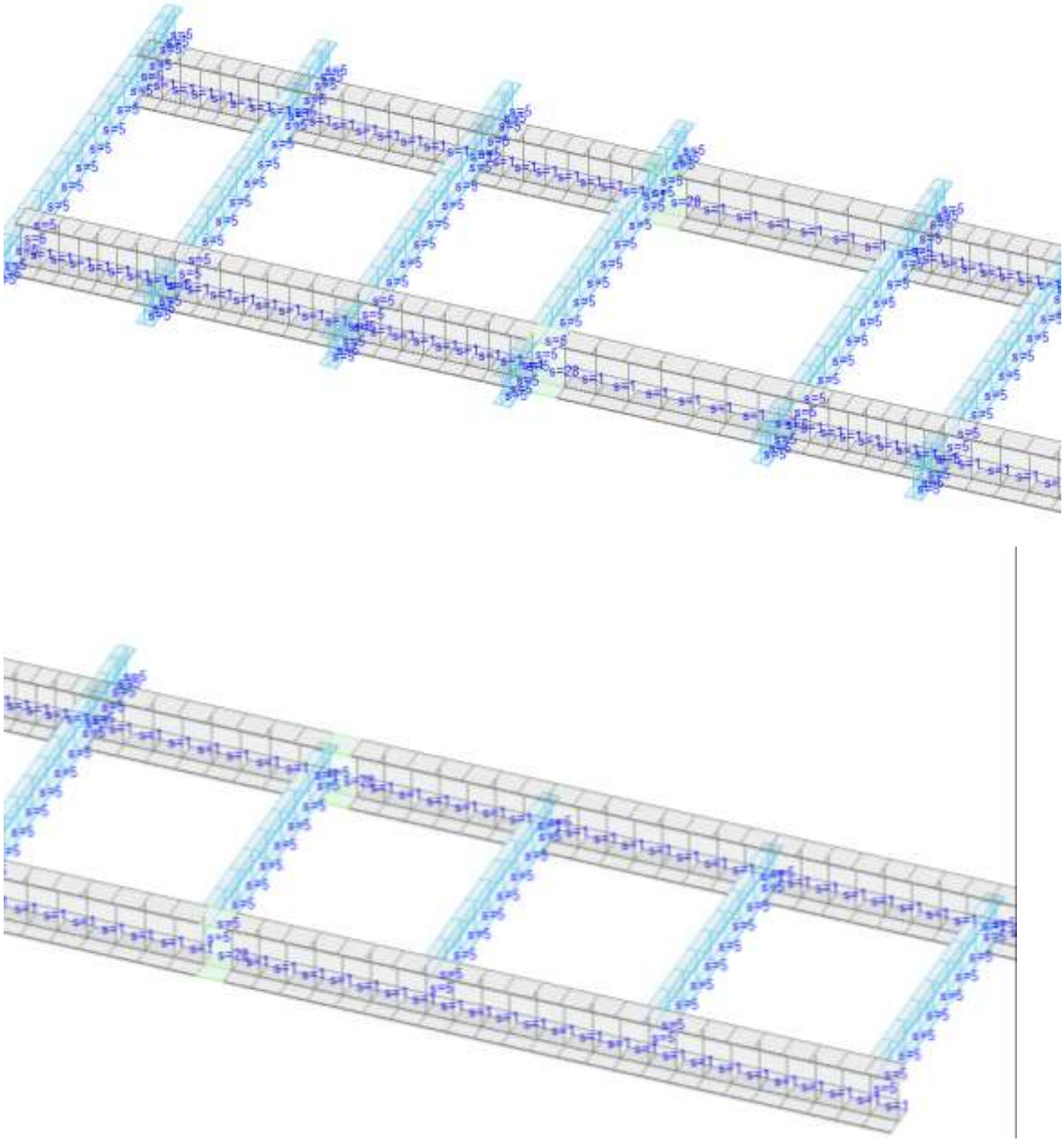
ELEMENTI TRAVE – TRAVI IMPALCATO PASSERELLA

Immagine modello con indicazione della sezione assegnata agli elementi trave



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MODELLAZIONE DELLE SEZIONI
LEGENDA TABELLA DATI SEZIONI

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profilati semplici
profilati accoppiati e speciali

Le sezioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni sezione vengono riportati in tabella i seguenti dati:

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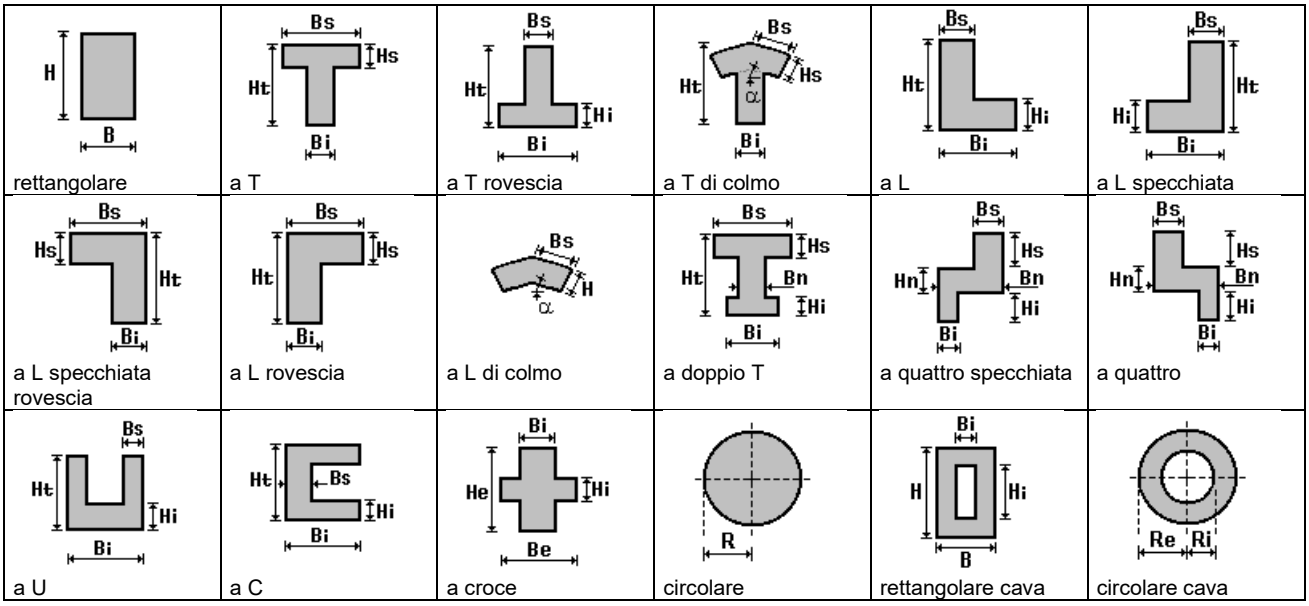
A V2	area della sezione/fattore di taglio (per il taglio in direzione 2)
A V3	area della sezione/fattore di taglio (per il taglio in direzione 3)
Jt	fattore torsionale di rigidezza
J2-2	momento d'inerzia della sezione riferito all'asse 2
J3-3	momento d'inerzia della sezione riferito all'asse 3
W2-2	modulo di resistenza della sezione riferito all'asse 2
W3-3	modulo di resistenza della sezione riferito all'asse 3
Wp2-2	modulo di resistenza plastico della sezione riferito all'asse 2
Wp3-3	modulo di resistenza plastico della sezione riferito all'asse 3

I dati sopra riportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali delle sezioni è condotta nel riferimento 2-3 dell'elemento.



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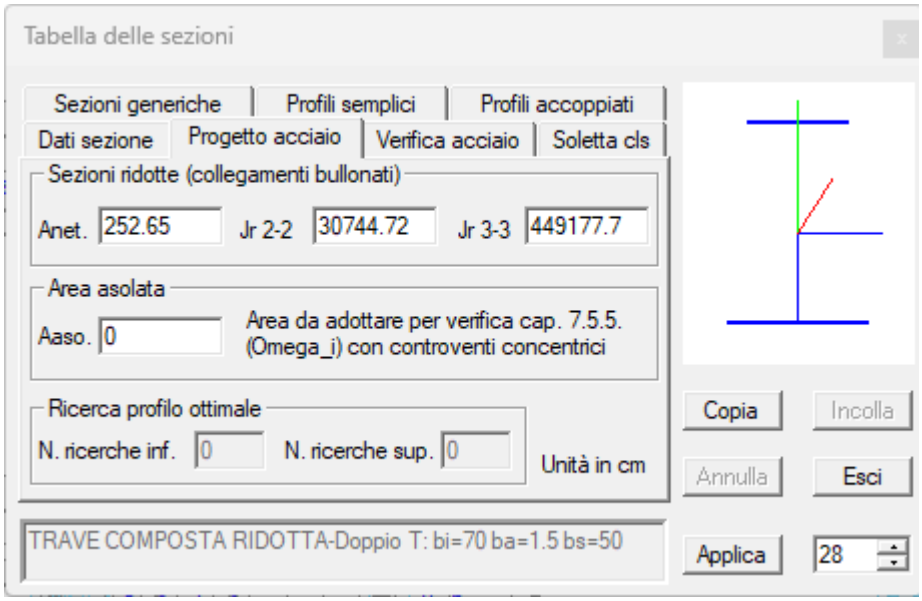
Per quanto concerne i profilati semplici ed accoppiati l'asse 2 del riferimento coincide con l'asse x riportato nei più diffusi profilatari.

Per quanto concerne le sezioni di tipo generico (tipo 1.):
i valori dimensionali con prefisso B sono riferiti all'asse 2
i valori dimensionali con prefisso H sono riferiti all'asse 3

Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3
1	TRAVE COMPOSTA-Doppio T: bi=70 ba=1.5 bs=50 ht=100 hi=2 hs=2	384.00	0.0	0.0	424.72	7.803e+04	6.769e+05	2229.34	1.228e+04	3754.00	1.495e+04
5	HEB 600	270.00	0.0	0.0	667.20	1.353e+04	1.710e+05	902.00	5701.40	1391.10	6425.10
28	TRAVE COMPOSTA RIDOTTA-Doppio T: bi=70 ba=1.5 bs=50 ht=100 hi=2 hs=2	384.00	0.0	0.0	424.72	7.803e+04	6.769e+05	2229.34	1.228e+04	3754.00	1.495e+04

Per la sezione 28 si sono assegnati i seguenti parametri ridotti per le verifiche



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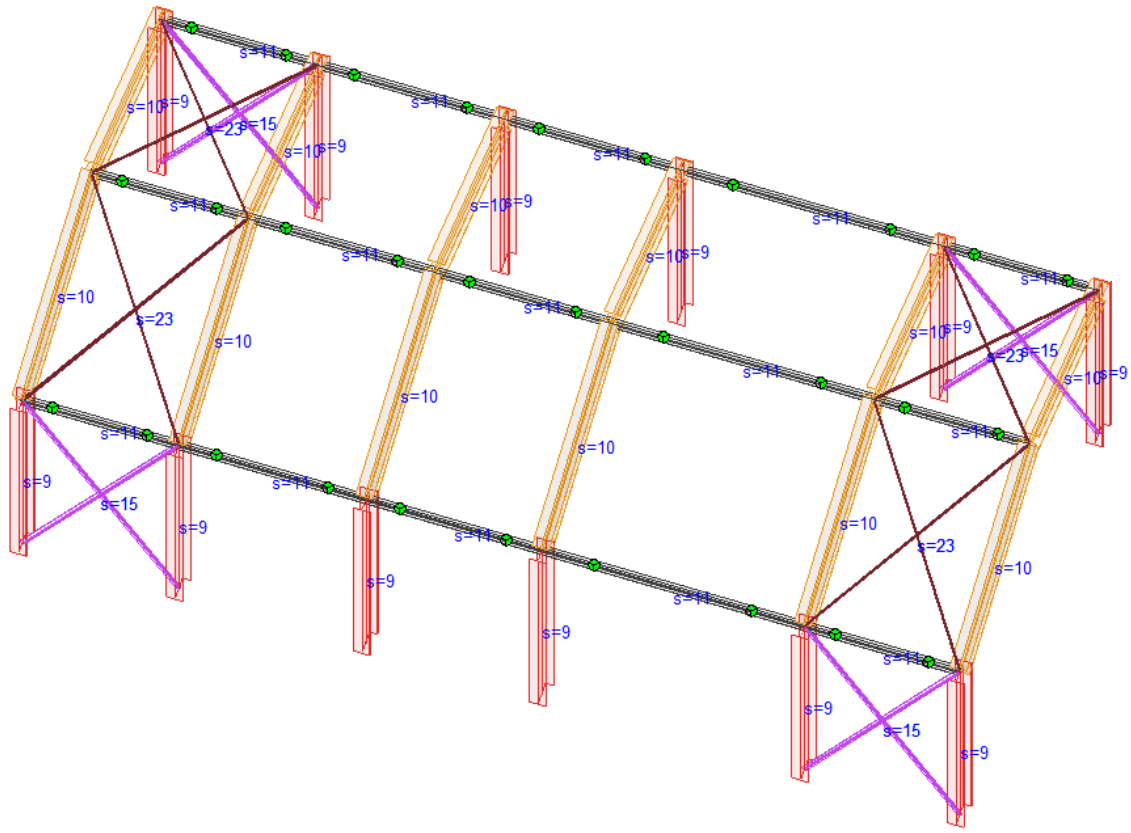
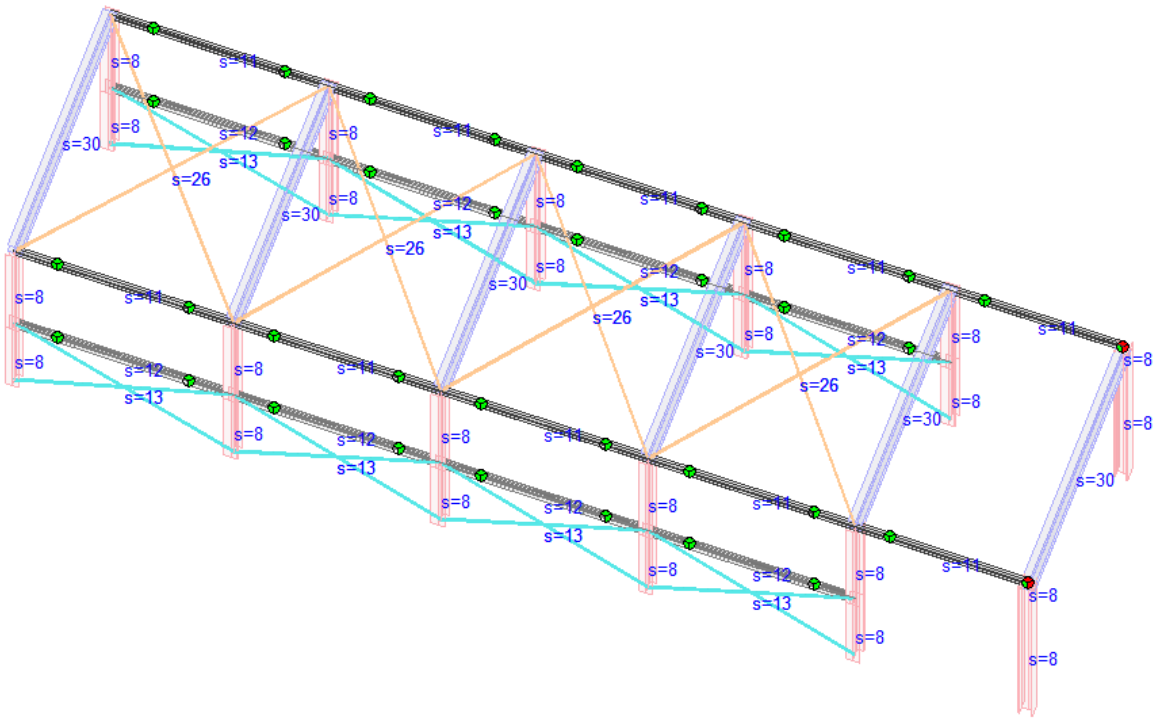
ELEMENTI TRAVE – TELAI PASSERELLA





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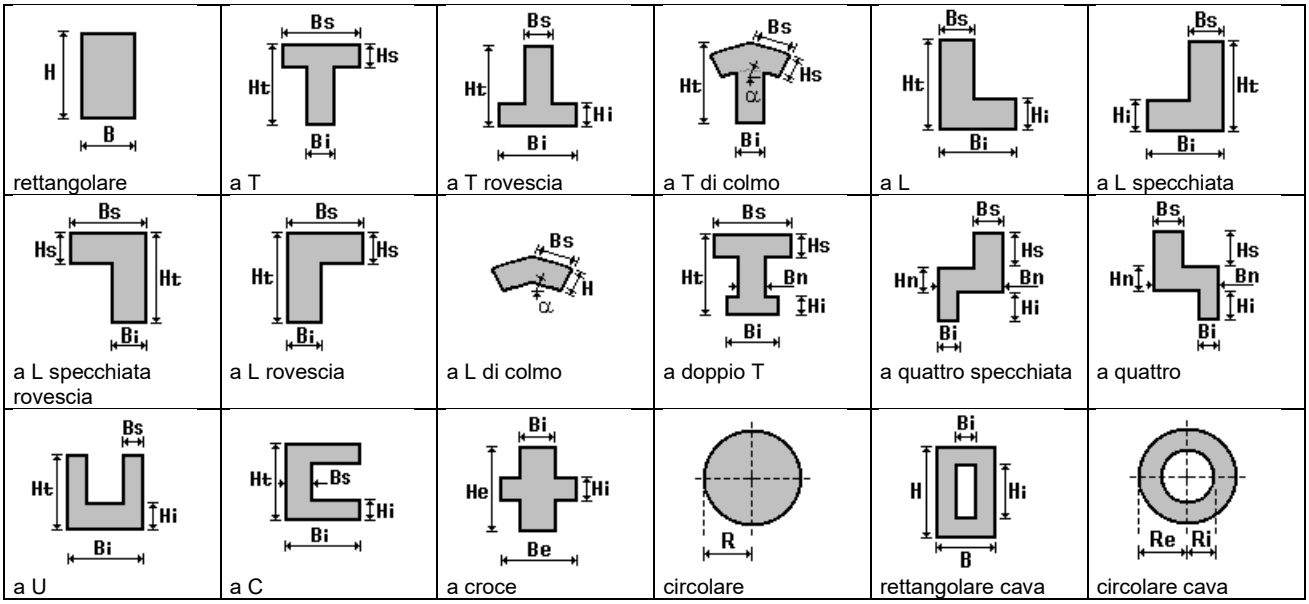
profilati semplici
profilati accoppiati e speciali

Le sezioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni sezione vengono riportati in tabella i seguenti dati:

Area	area della sezione
A V2	area della sezione/fattore di taglio (per il taglio in direzione 2)
A V3	area della sezione/fattore di taglio (per il taglio in direzione 3)
Jt	fattore torsionale di rigidezza
J2-2	momento d'inerzia della sezione riferito all'asse 2
J3-3	momento d'inerzia della sezione riferito all'asse 3
W2-2	modulo di resistenza della sezione riferito all'asse 2
W3-3	modulo di resistenza della sezione riferito all'asse 3
Wp2-2	modulo di resistenza plastico della sezione riferito all'asse 2
Wp3-3	modulo di resistenza plastico della sezione riferito all'asse 3

I dati sopra riportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali delle sezioni è condotta nel riferimento 2-3 dell'elemento.



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Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3
8	HEB 260	118.40	0.0	0.0	123.80	5135.00	1.492e+04	395.00	1147.60	602.20	1282.90
9	HEB 450	218.00	0.0	0.0	440.50	1.172e+04	7.989e+04	781.40	3550.60	1197.70	3982.40
10	HEA 450	178.00	0.0	0.0	243.80	9465.00	6.372e+04	631.00	2896.40	965.50	3215.90
11	HEB 120	34.00	0.0	0.0	13.80	318.00	864.00	52.90	144.10	81.00	165.20
12	HEA 140	31.40	0.0	0.0	8.10	389.00	1033.00	55.60	155.40	84.80	173.50
13	Rettangolare: b=6 h=1.5	9.00	7.50	7.50	5.69	27.00	1.69	9.00	2.25	13.50	3.38
15	Rettangolare: b=10 h=1.5	15.00	12.50	12.50	10.19	125.00	2.81	25.00	3.75	37.50	5.62
23	Circolare: r=1.1	3.80	3.21	3.21	2.30	1.15	1.15	1.05	1.05	1.77	1.77
26	Circolare: r=1	3.14	2.65	2.65	1.57	0.79	0.79	0.79	0.79	1.33	1.33

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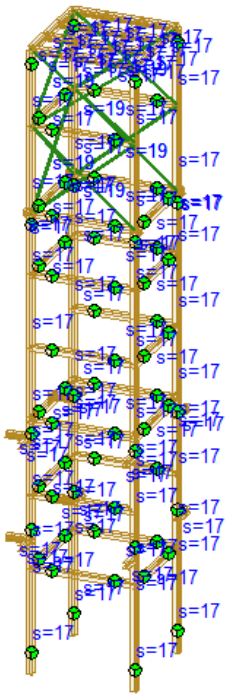
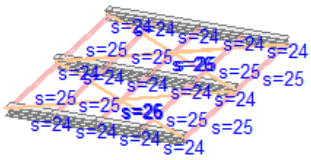
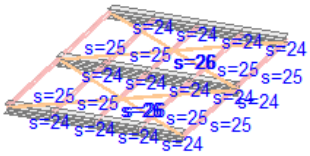
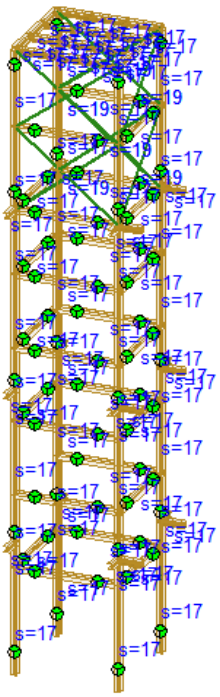
ELEMENTI TRAVE – CASTELLETTI ASCENSORI E PENSILINE









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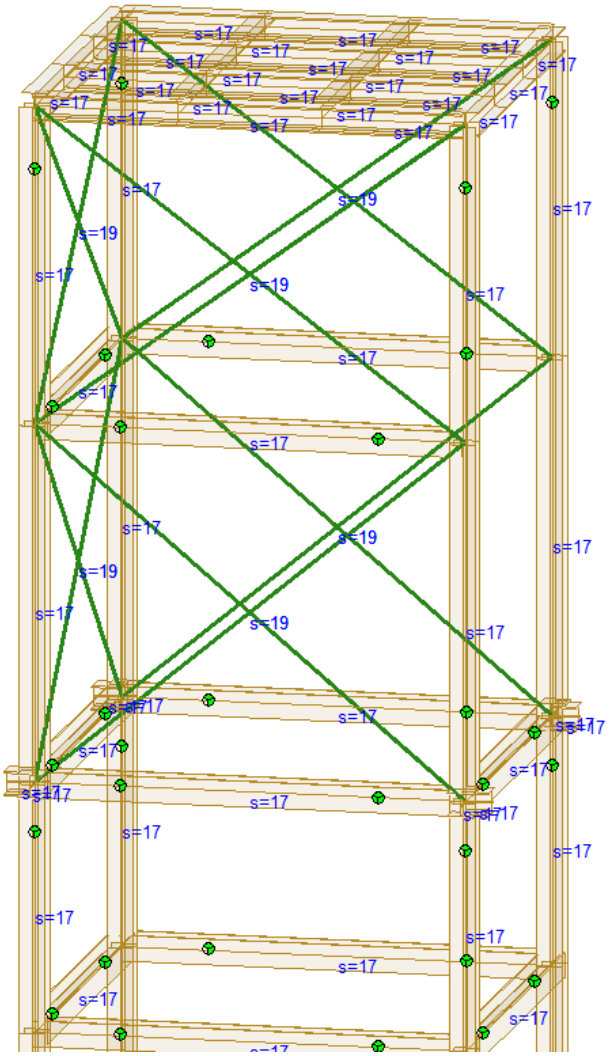

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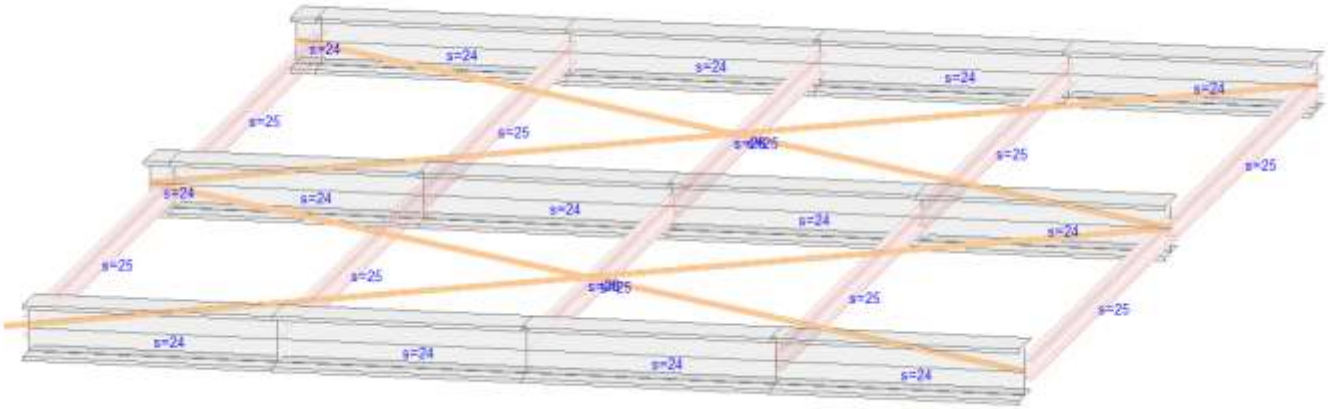

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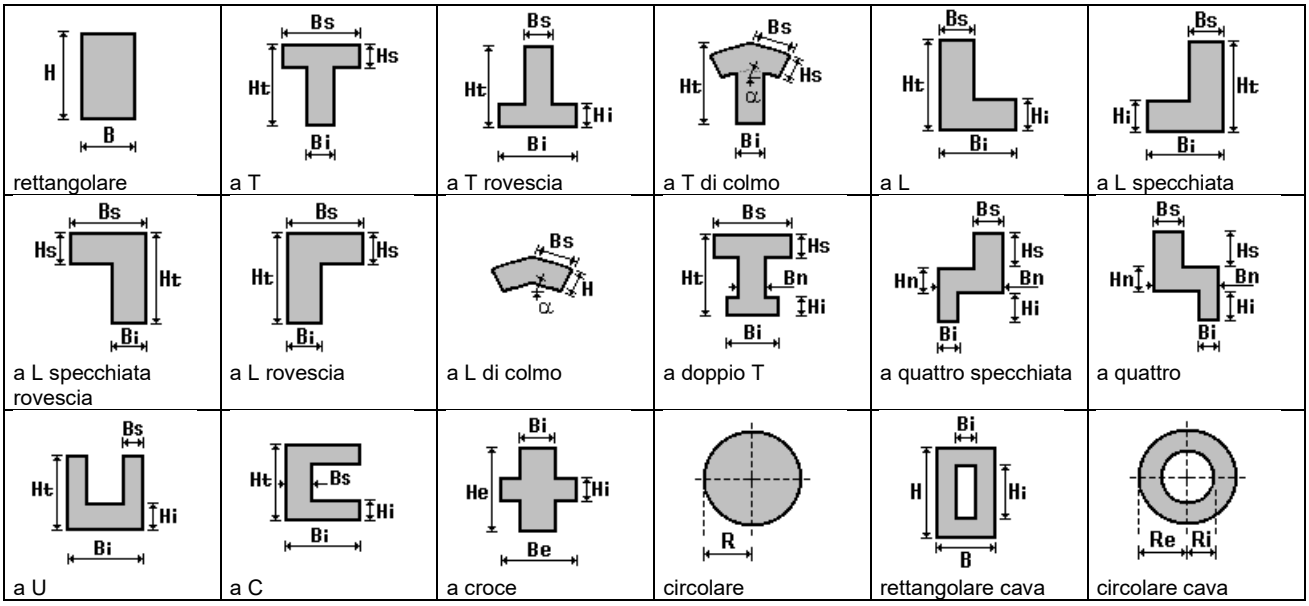

Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3
17	HEA 140	31.40	0.0	0.0	8.10	389.00	1033.00	55.60	155.40	84.80	173.50
19	Circolare: r=0.8	2.01	1.70	1.70	0.64	0.32	0.32	0.40	0.40	0.68	0.68
24	HEB 220	91.00	0.0	0.0	76.60	2843.00	8091.00	258.50	735.50	393.90	827.00
25	IPE 80	7.60	0.0	0.0	0.70	8.00	80.00	3.70	20.00	5.80	23.20
26	Circolare: r=1	3.14	2.65	2.65	1.57	0.79	0.79	0.79	0.79	1.33	1.33

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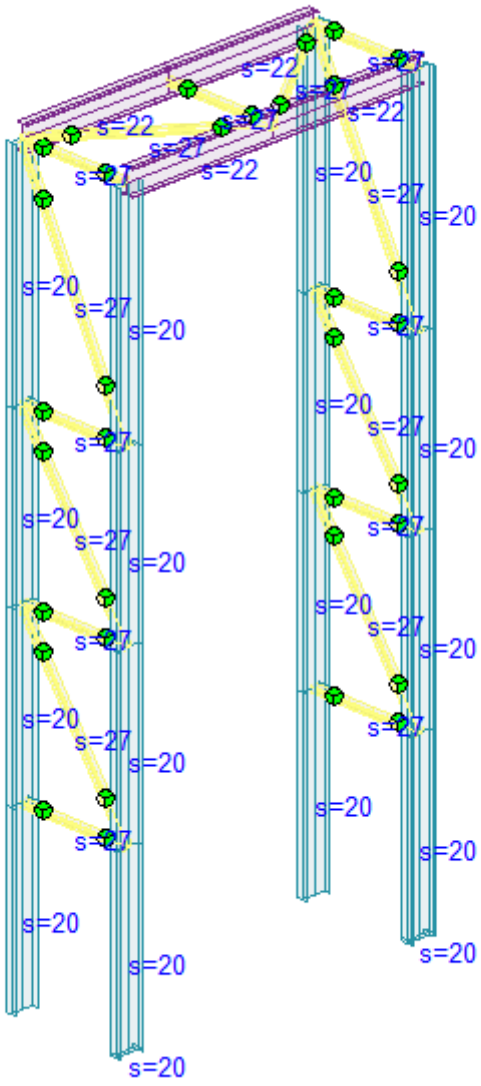
ELEMENTI TRAVE – PORTALE



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Jt	fattore torsionale di rigidezza

J2-2	momento d'inerzia della sezione riferito all'asse 2
J3-3	momento d'inerzia della sezione riferito all'asse 3
W2-2	modulo di resistenza della sezione riferito all'asse 2
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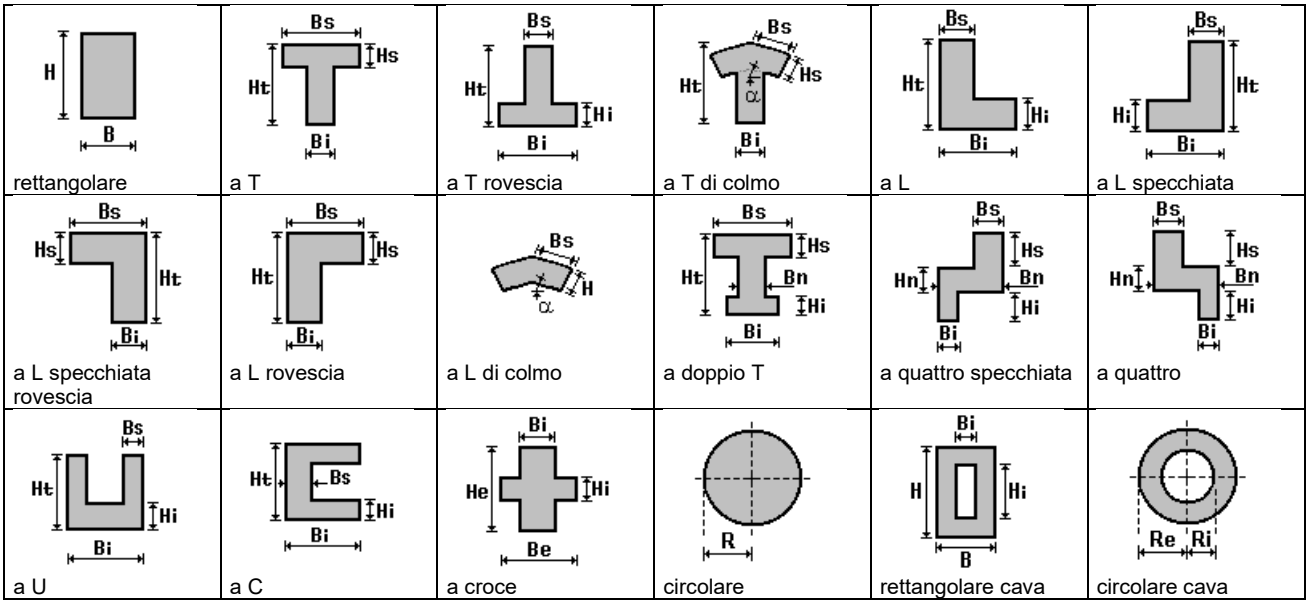

Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3
20	IPE 400	84.50	0.0	0.0	51.10	1318.00	2.313e+04	146.40	1156.40	229.00	1307.10
22	IPE 400	84.50	0.0	0.0	51.10	1318.00	2.313e+04	146.40	1156.40	229.00	1307.10
27	HEA 100	21.20	0.0	0.0	5.20	134.00	349.00	26.80	72.80	41.10	83.00

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9.2 TIPOLOGIE DI VERIFICHE

Per tutte le strutture analizzate, come previsto dalle vigenti normative, sono state effettuate le seguenti verifiche:

- Verifiche allo Stato Limite Ultimo in termini di resistenza per azioni statiche e sismiche;
- Verifiche allo Stato Limite di Esercizio in termini di deformazioni, in termini di stato tensionale nei materiali, in termini di fessurazione;
- Verifiche allo SLD per azioni sismiche in termini di resistenza;
- Verifiche allo SLO per azioni sismiche in termini di deformazioni relative di piano (drift).

9.3 CRITERI DI PROGETTAZIONE SISMICA

Per la struttura in esame si è utilizzata la strategia di progettazione **non dissipativa con fattore di struttura q = 1.00**:

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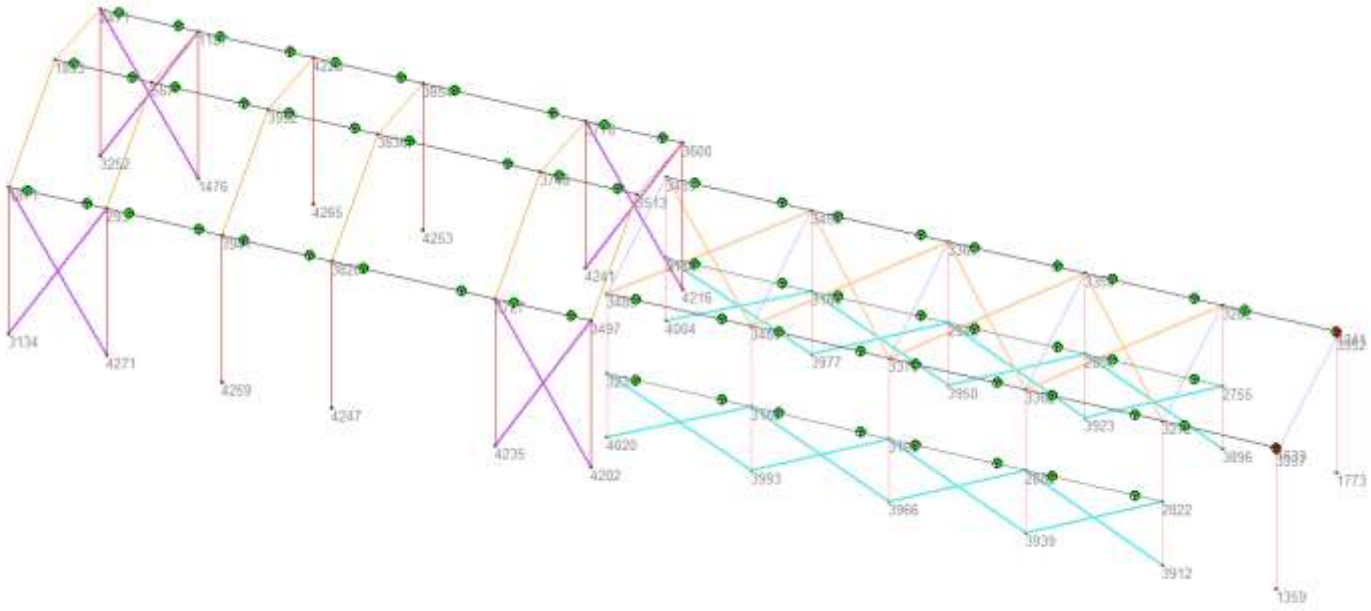
10. SCHEMI DI CALCOLO E RISULTATI DELLE ANALISI

10.1 NUMERAZIONE ELEMENTI

NUMERAZIONE NODI TELAI METALLICI PASSERALLA



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NUMERAZIONE NODI TRAVE COMPOSTA IMPALCATO

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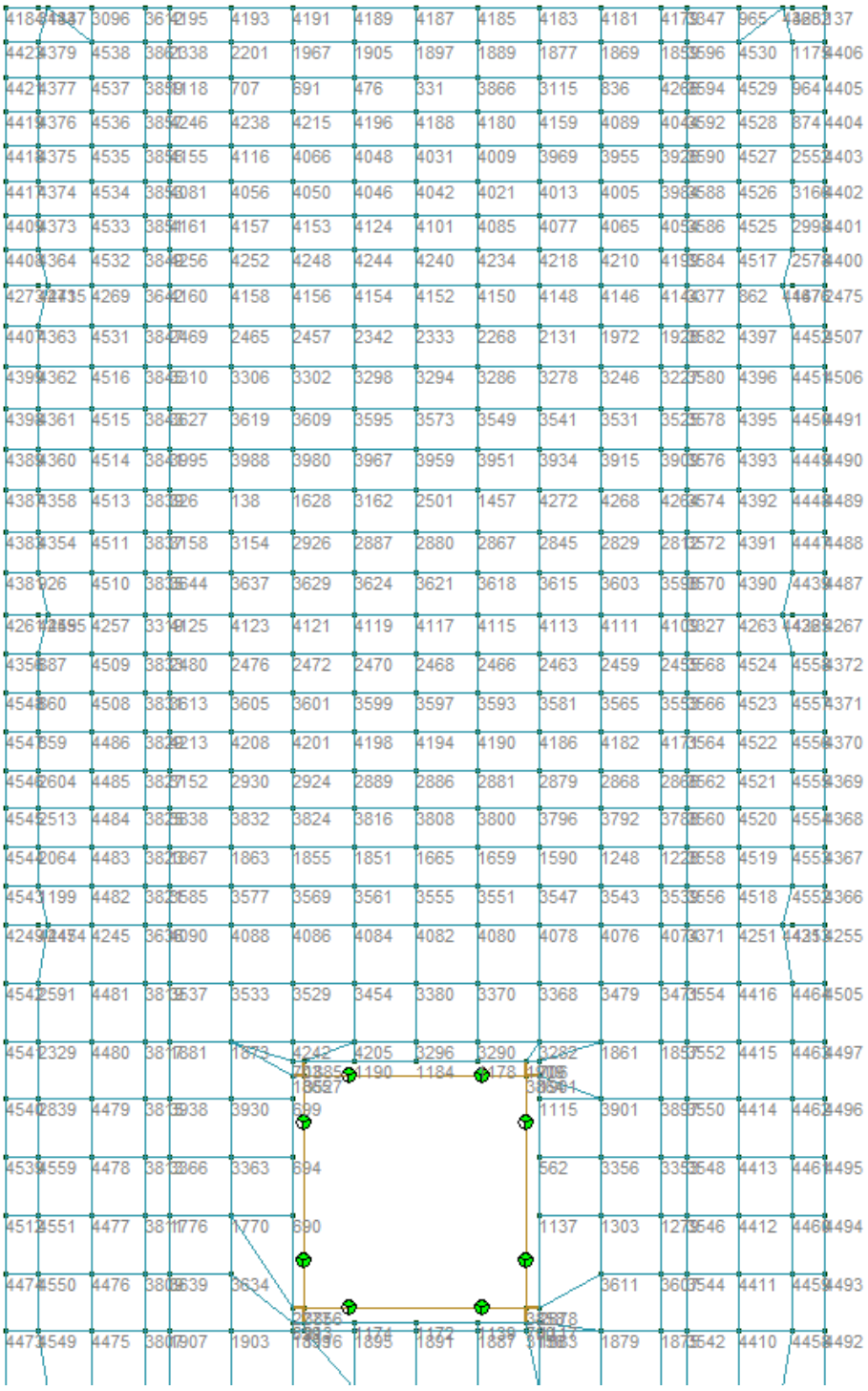
NUMERAZIONE NODI IMPALCATO IN C.A.



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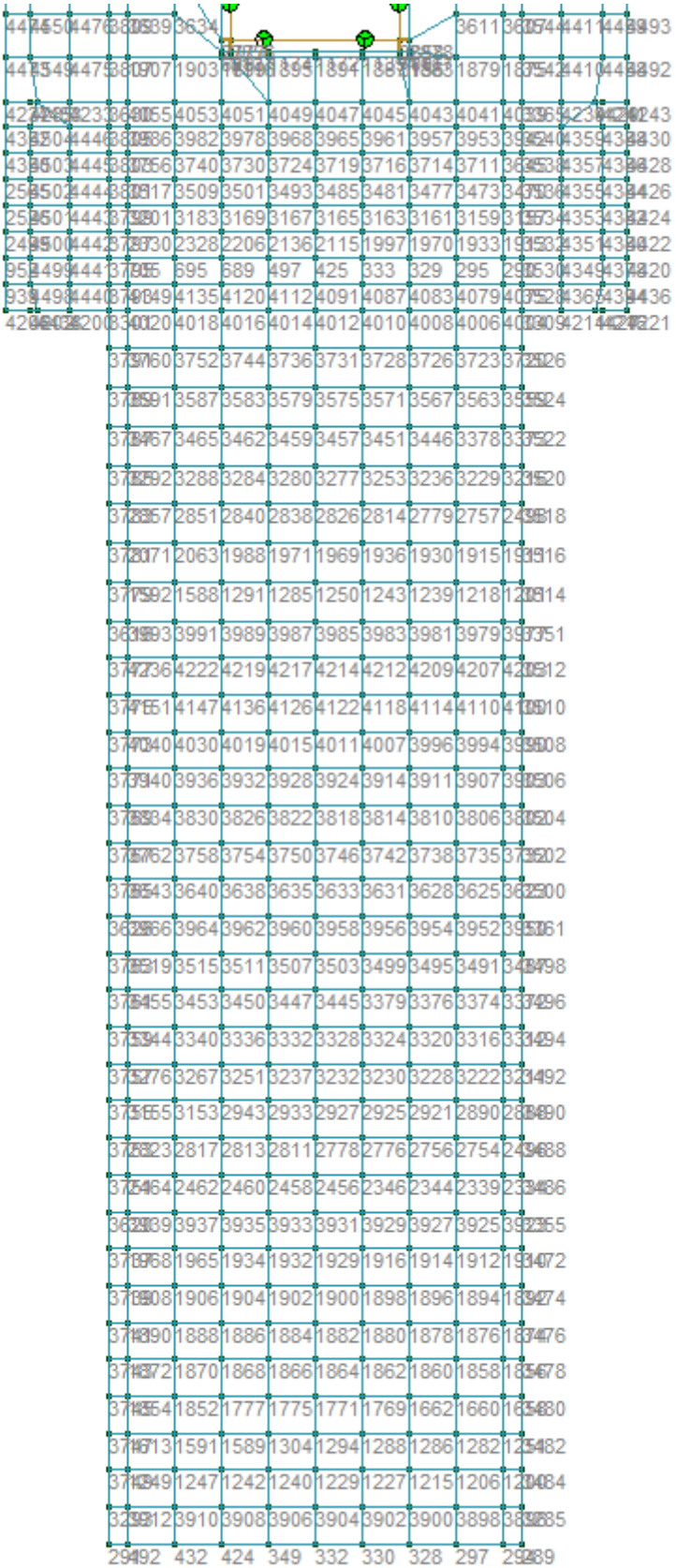

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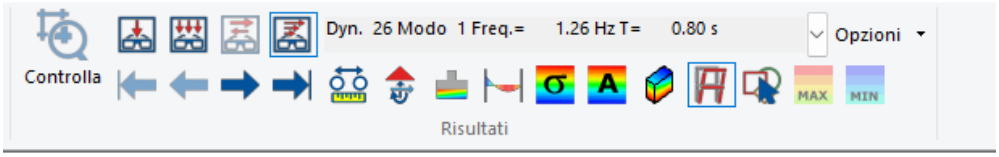
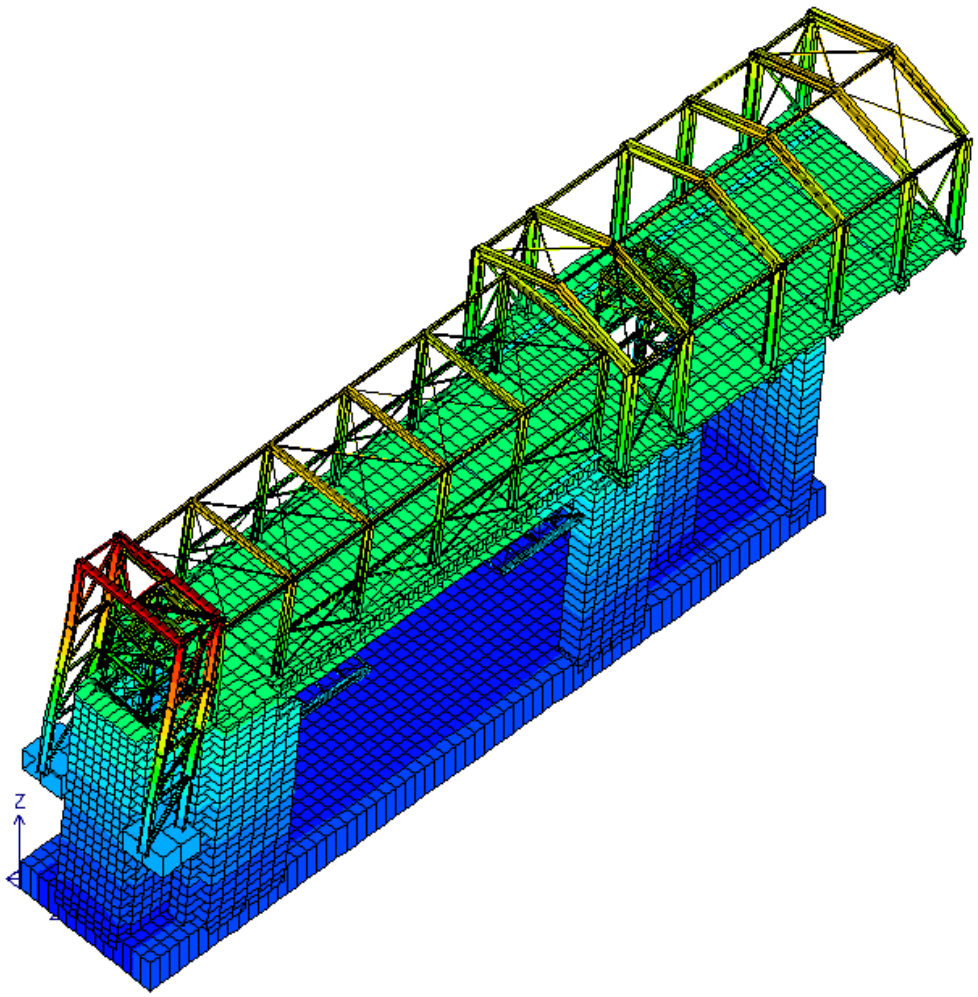
10.2 MODI DI VIBRARE

Modo	Freque...	Periodo	X M eff...	%	Y M eff...	%	Z M eff...	%	RZ M ...	%
1	1.26	0.80	10171...	72	1.07	0	0.53	0	22483...	41
2	2.46	0.41	23877....	1	137.05	0	7.34	0	64282...	11
3	2.52	0.40	35.04	0	63818...	45	14742....	1	9639.82	0
4	2.95	0.34	3.12	0	27315...	19	10077...	7	1107.45	0
5	3.24	0.31	4.08	0	10119...	7	7908.34	0	10367...	0
6	5.16	0.19	80.42	0	89934....	6	44832...	31	19212...	0
7	5.53	0.18	262.53	0	25264...	17	35051...	24	10067...	0
8	6.24	0.16	27974...	19	339.73	0	114.05	0	70379...	12
9	6.95	0.14	10.86	0	6895.52	0	47276...	33	0.00	0





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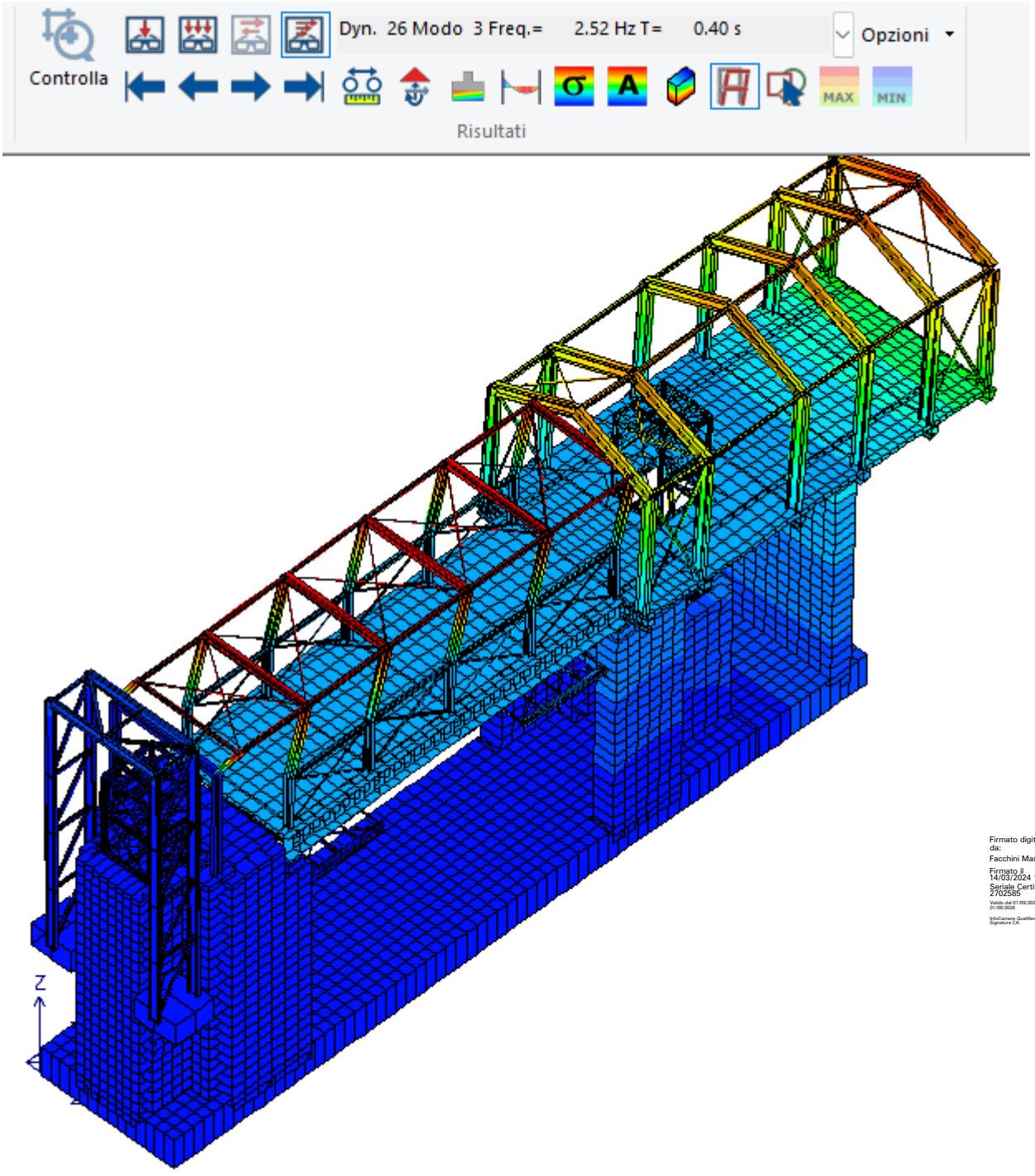

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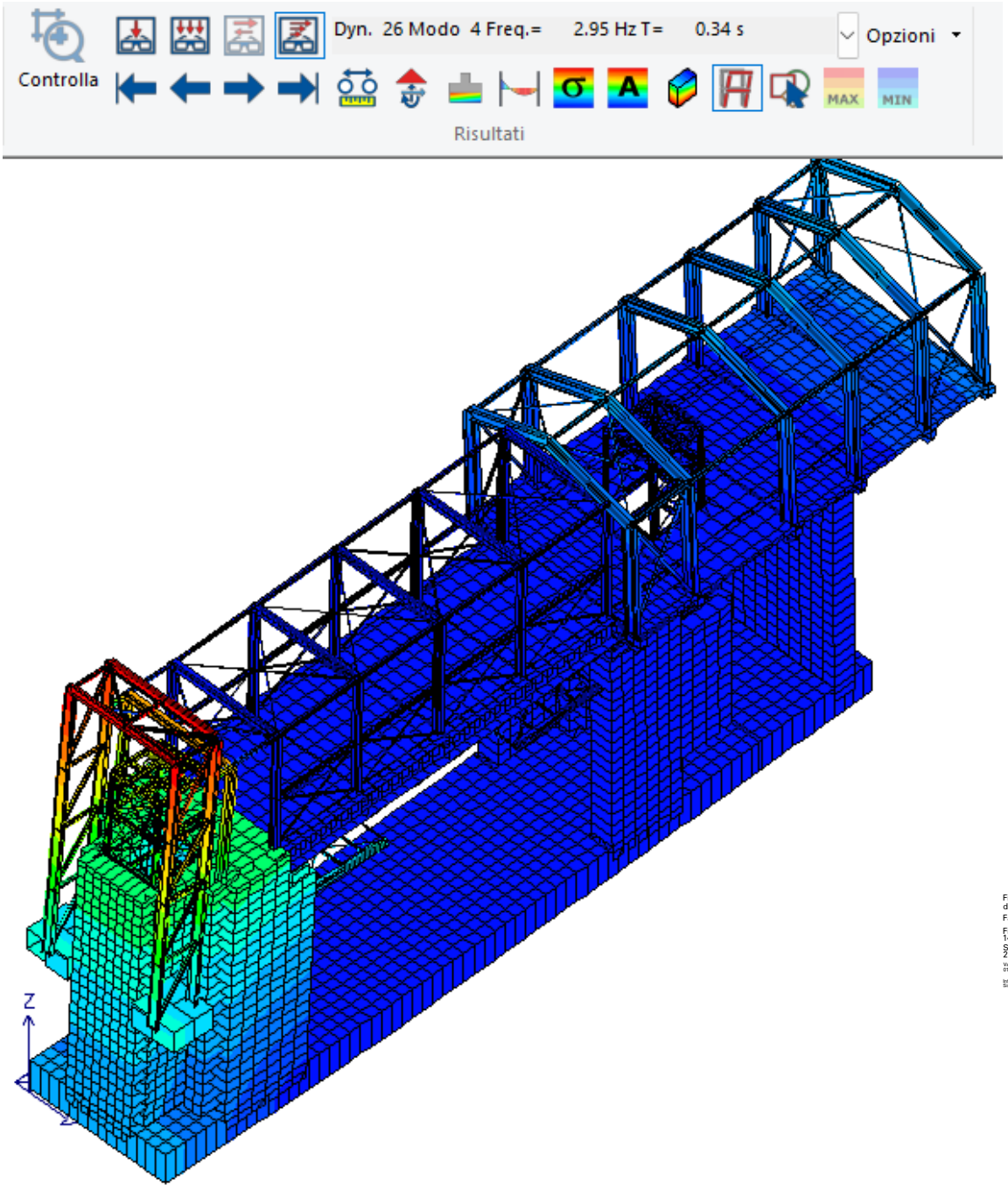

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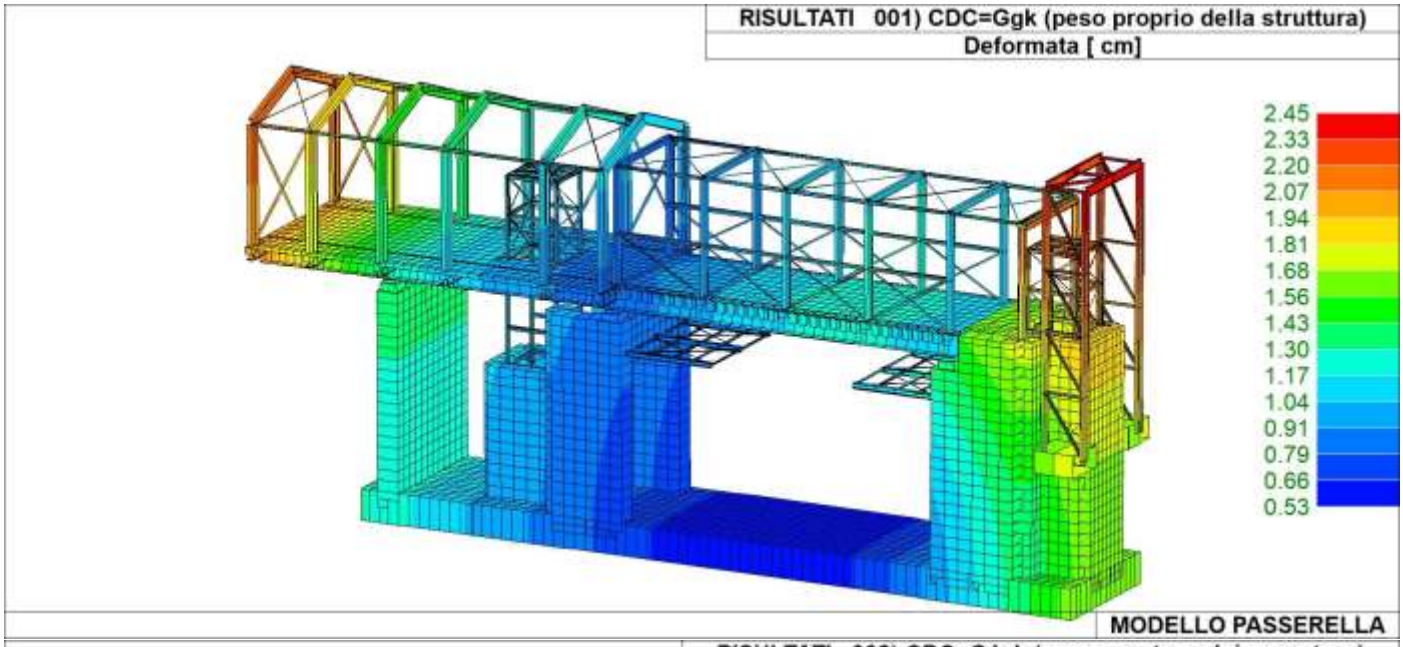
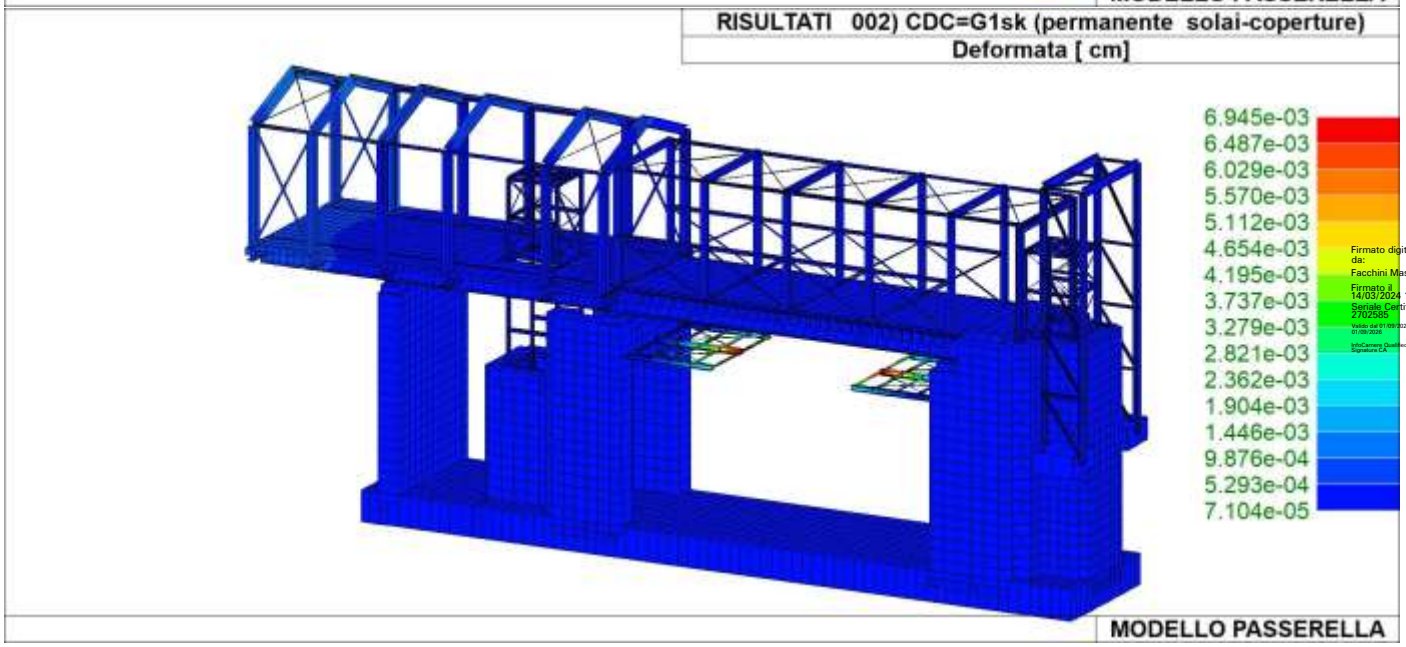
10.3 IMMAGINI DELLE CONFIGURAZIONI DEFORMATE

10.3.1 Deformate per casi di carico





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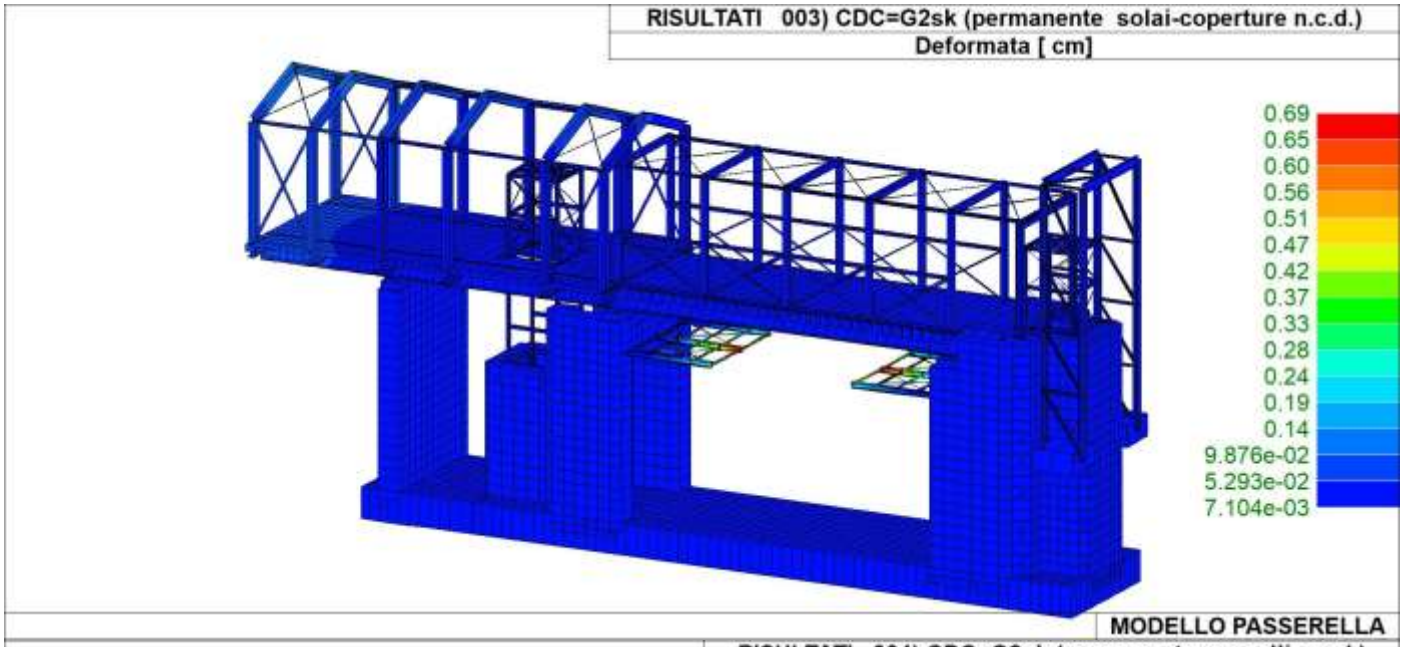

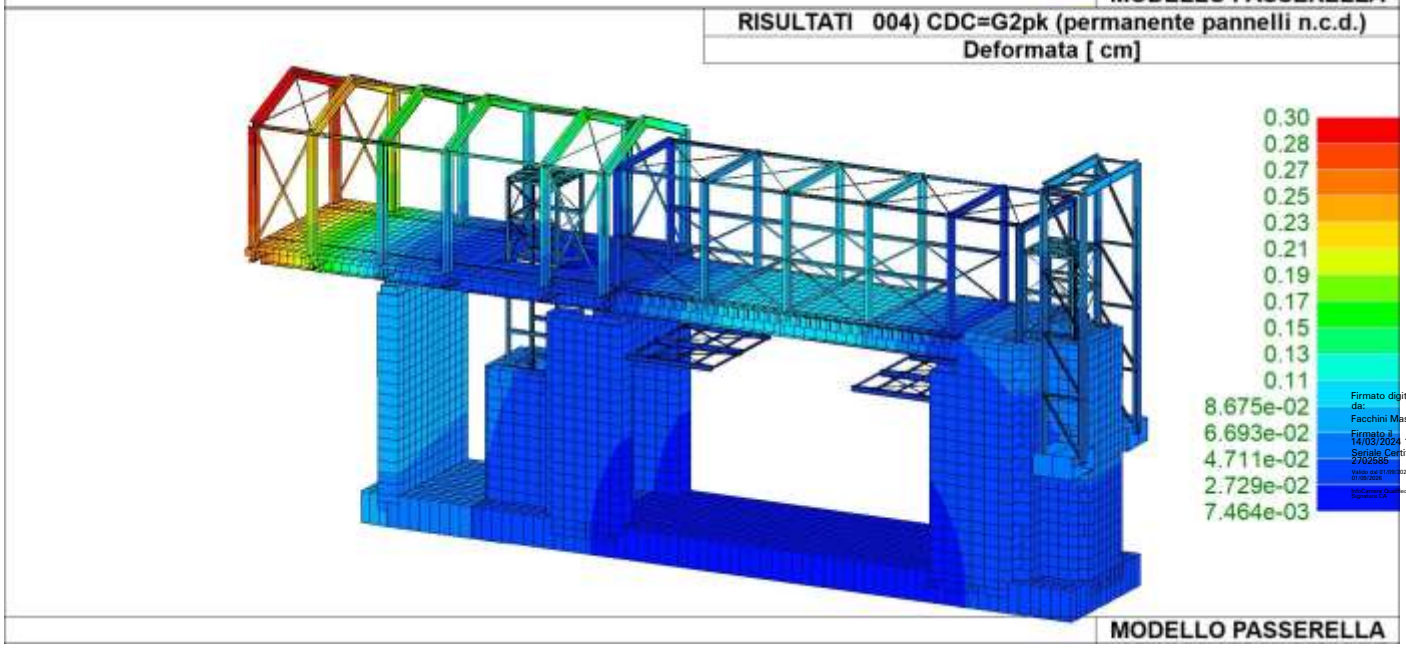

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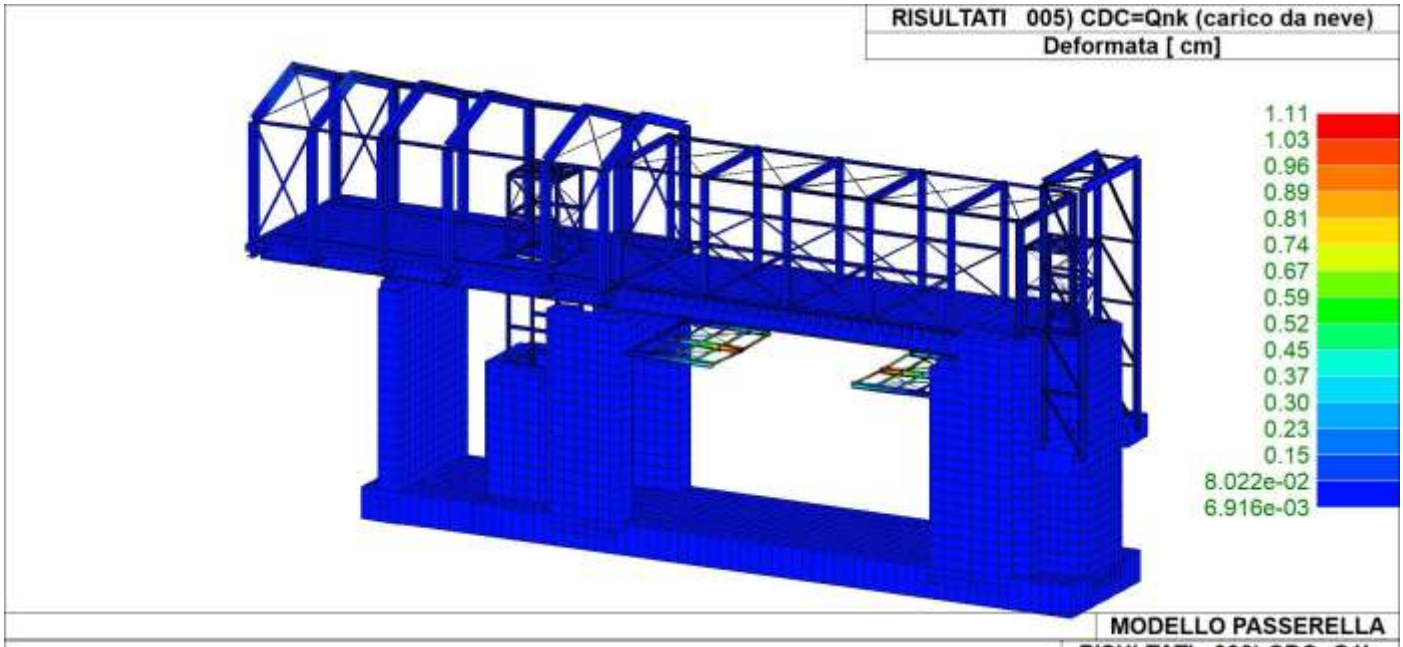

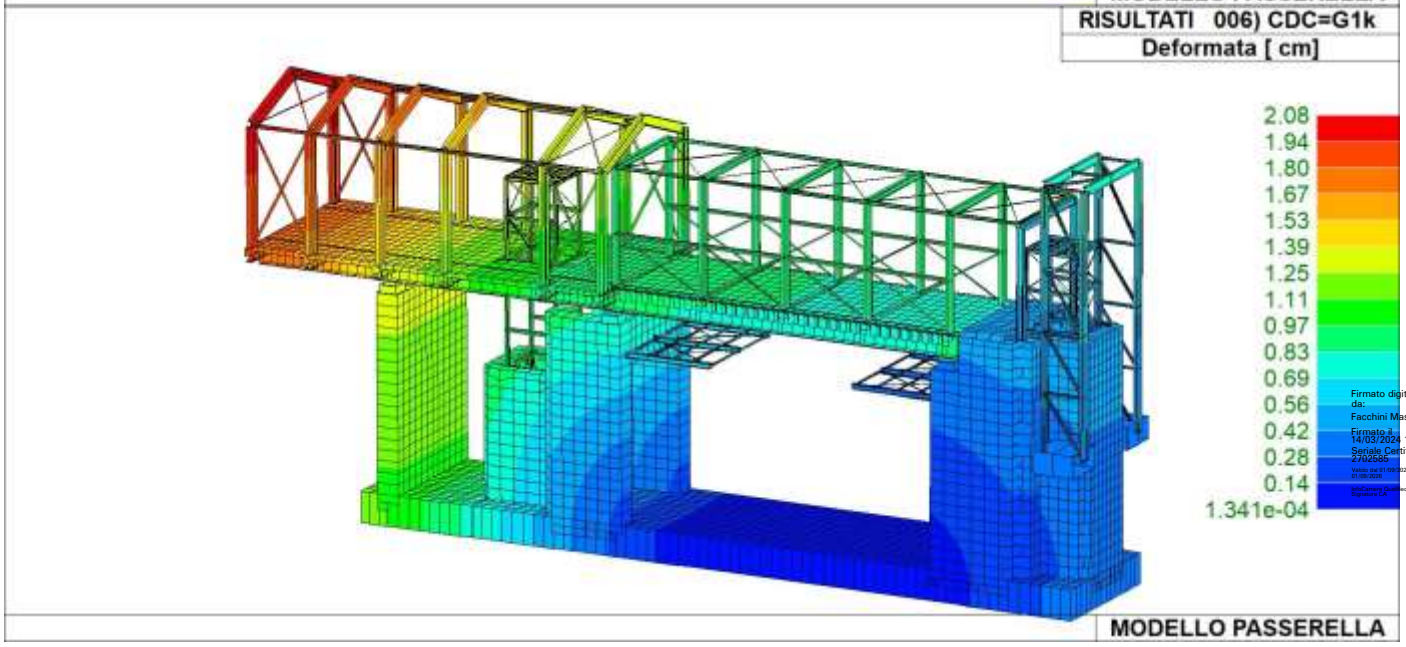

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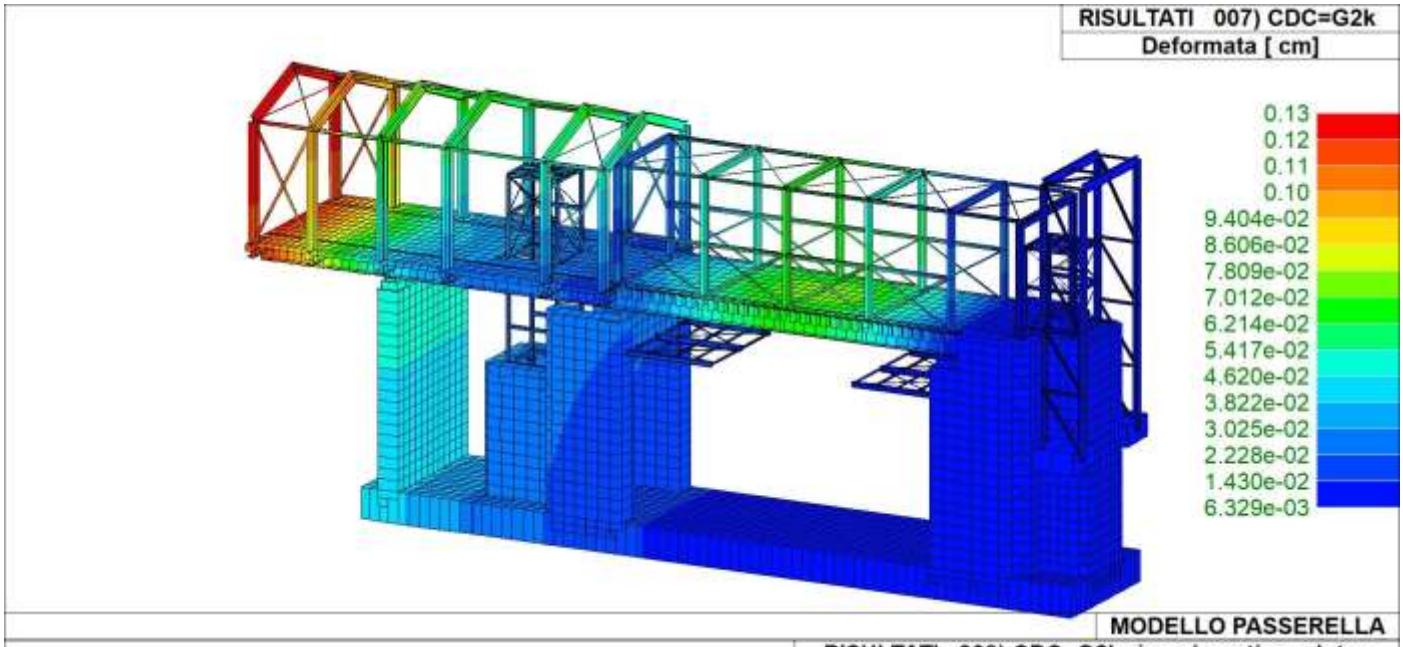

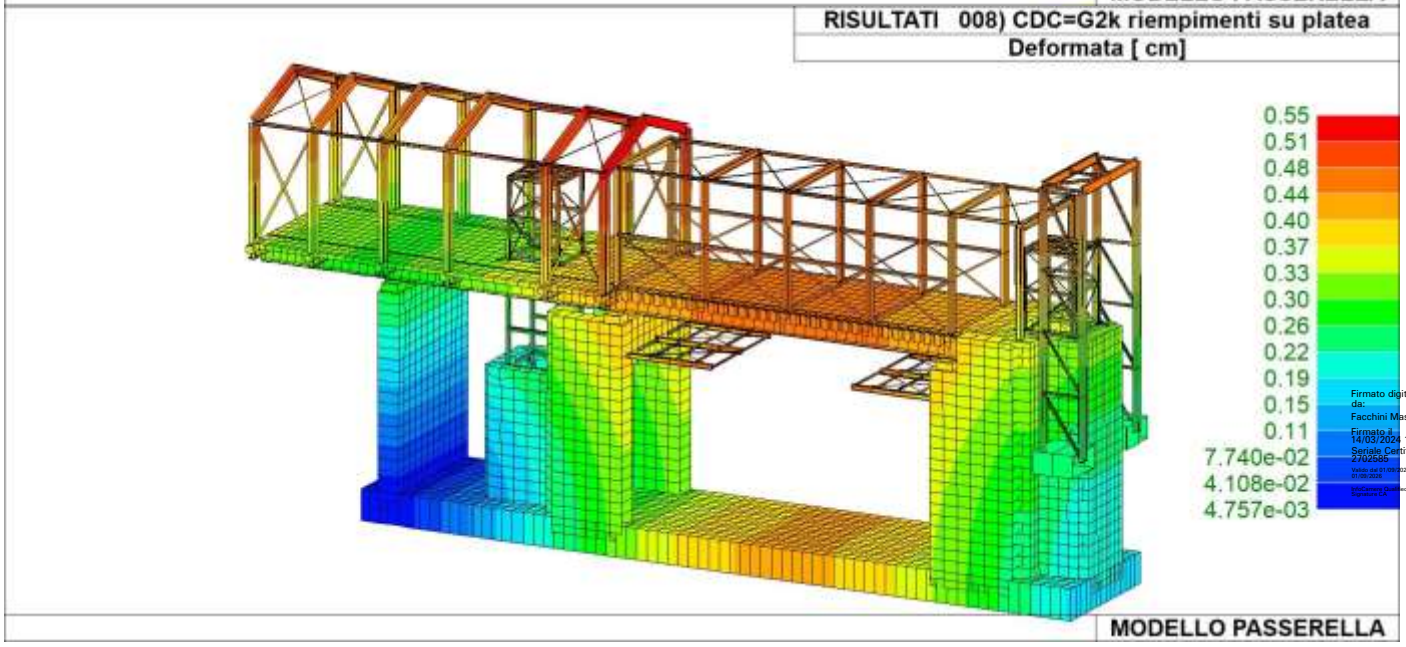

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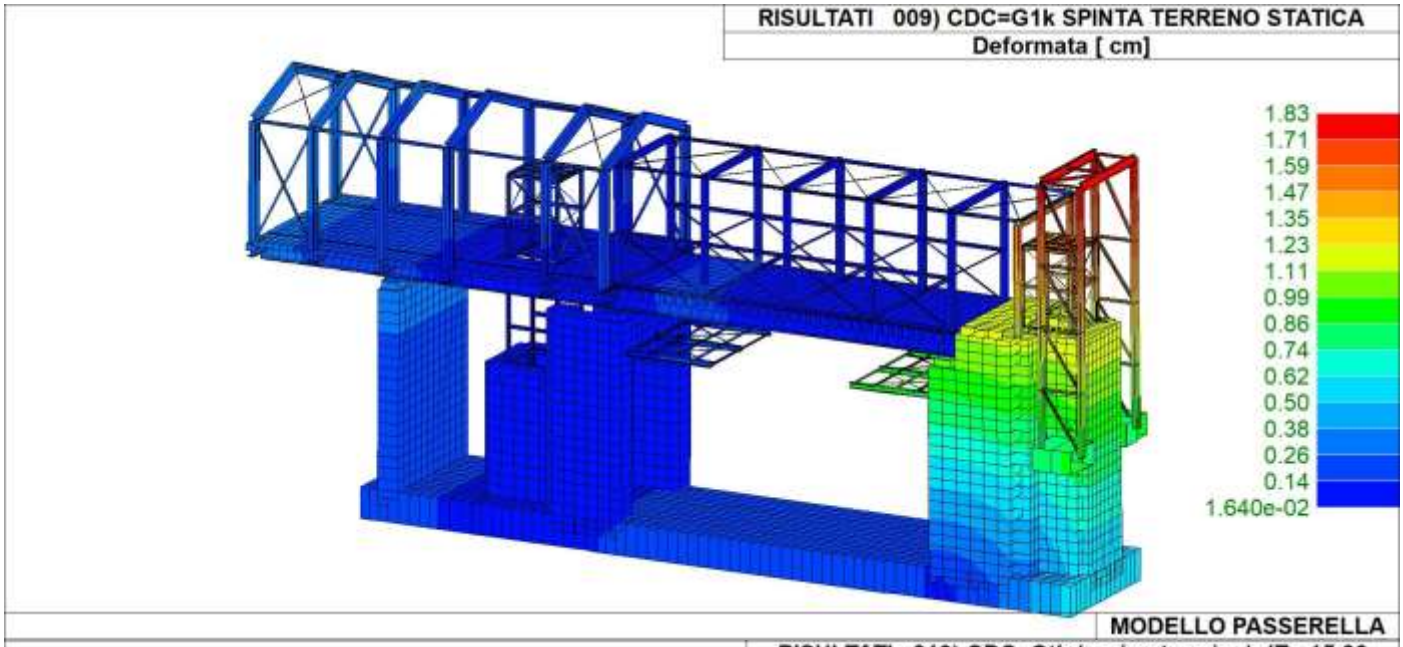

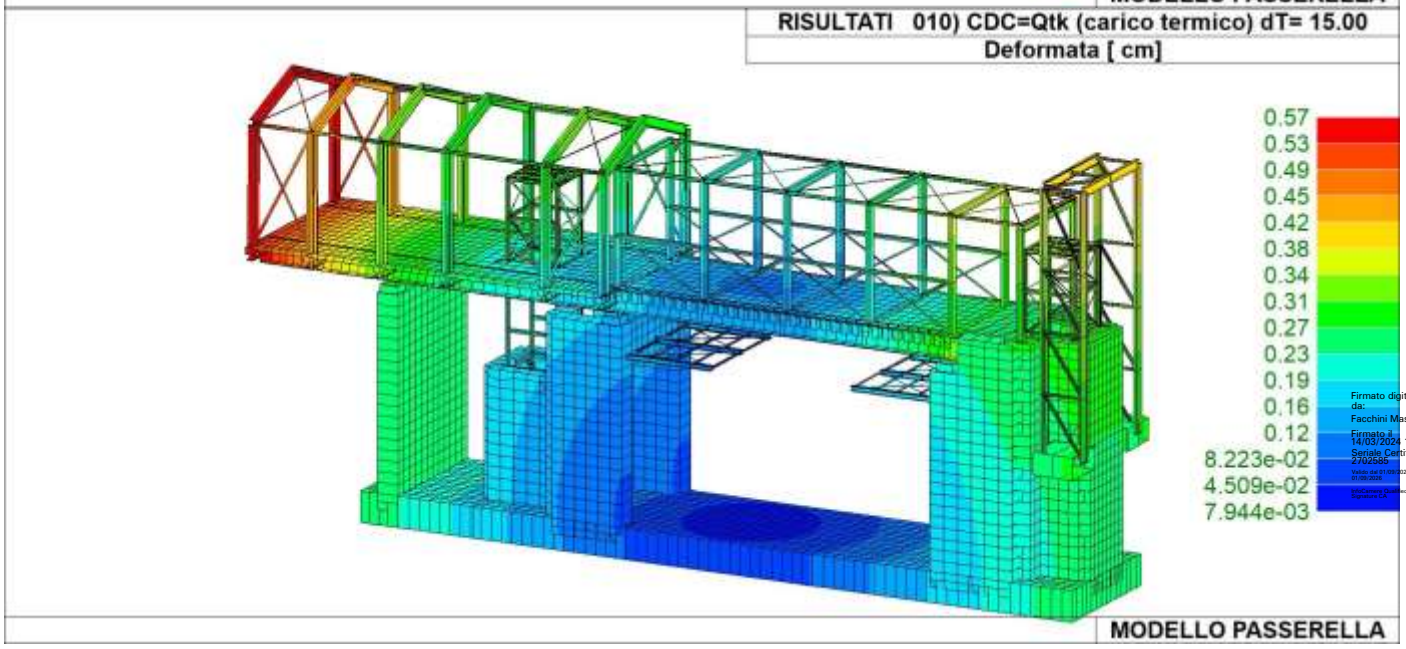

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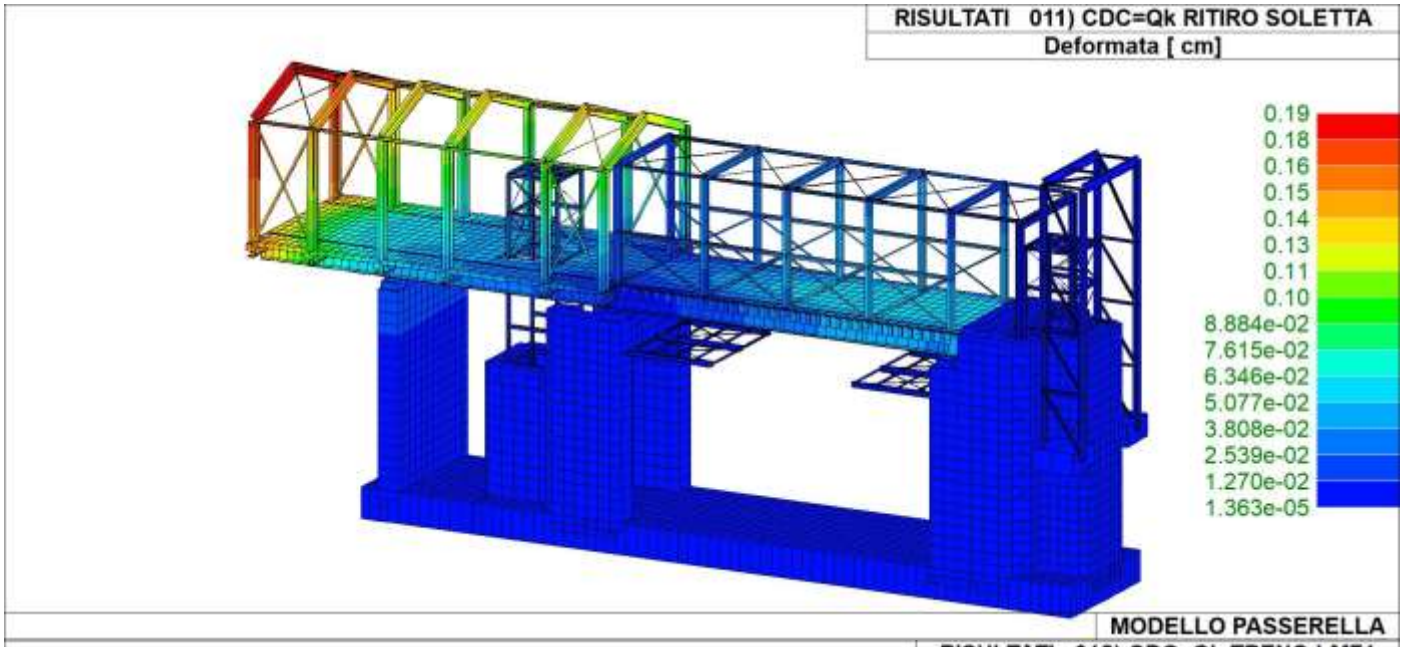

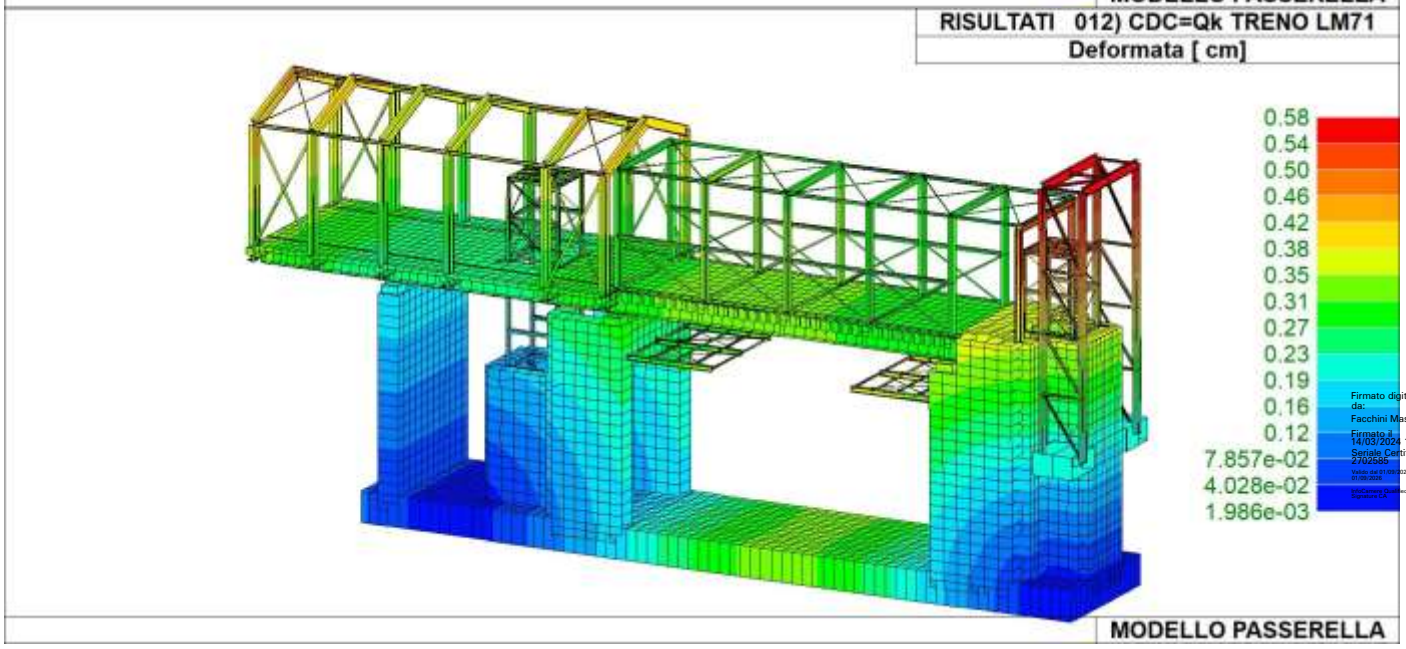

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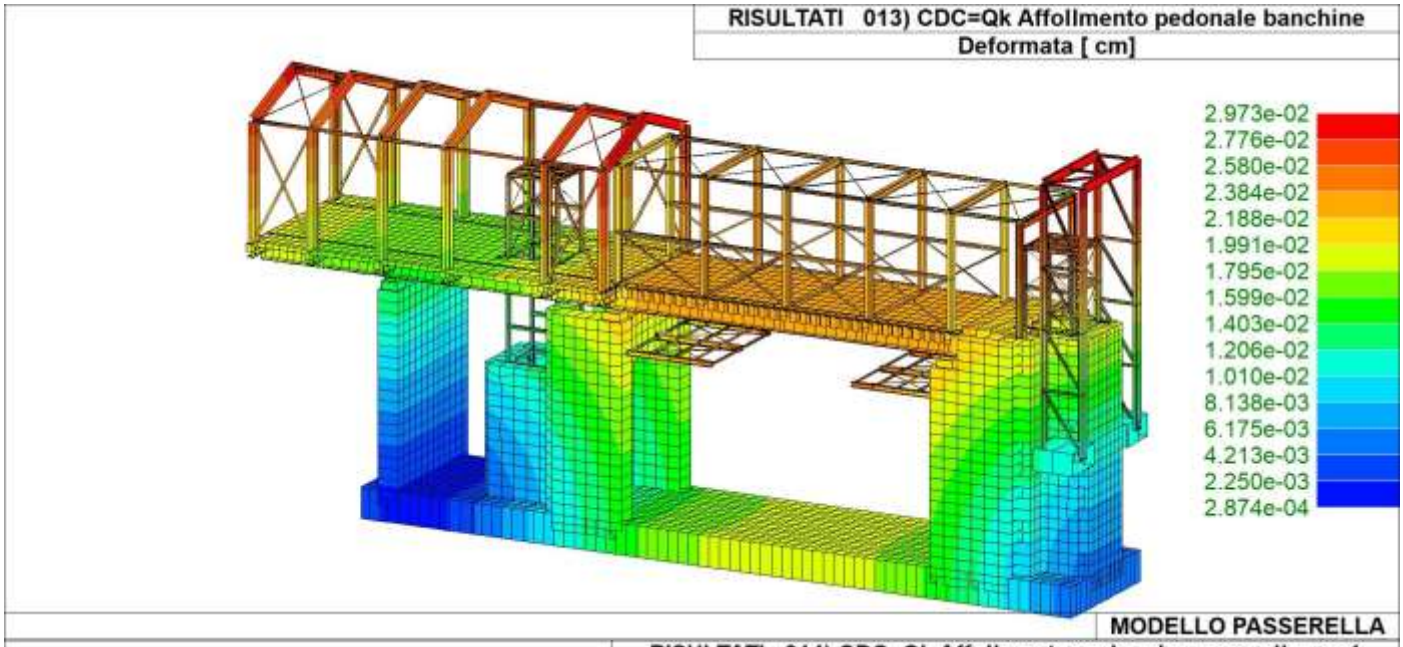

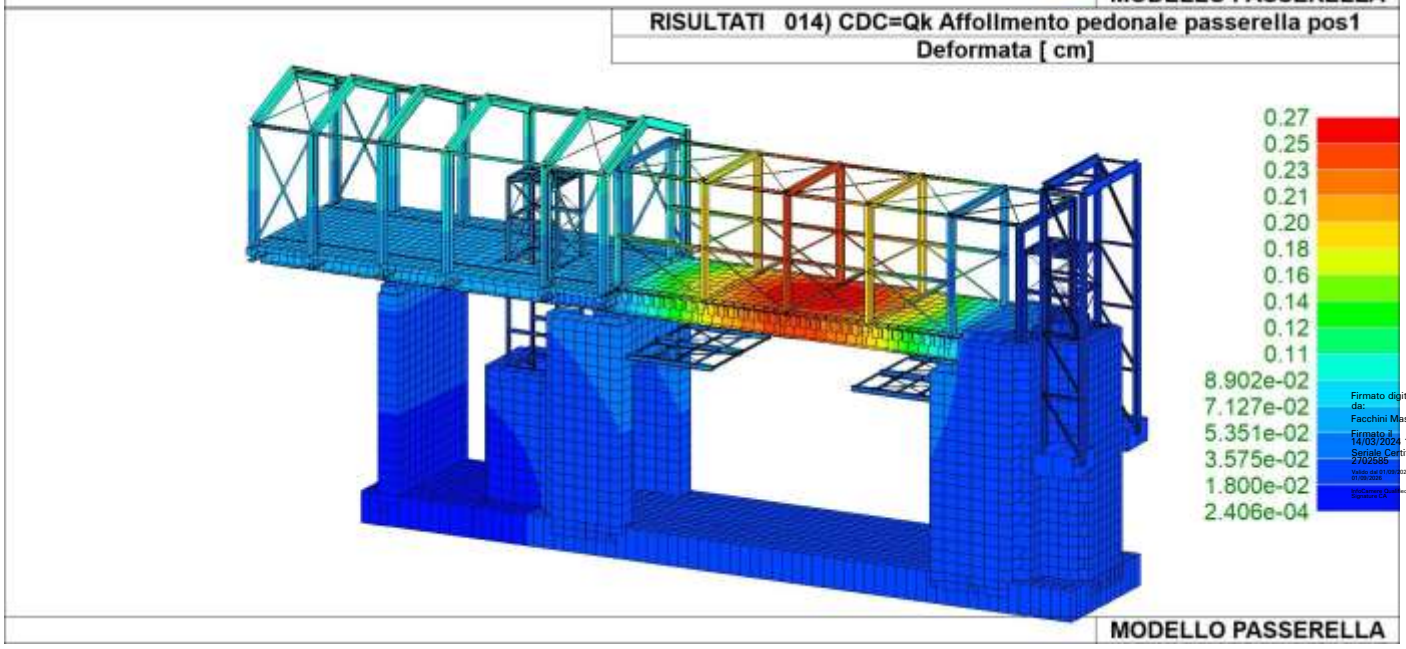

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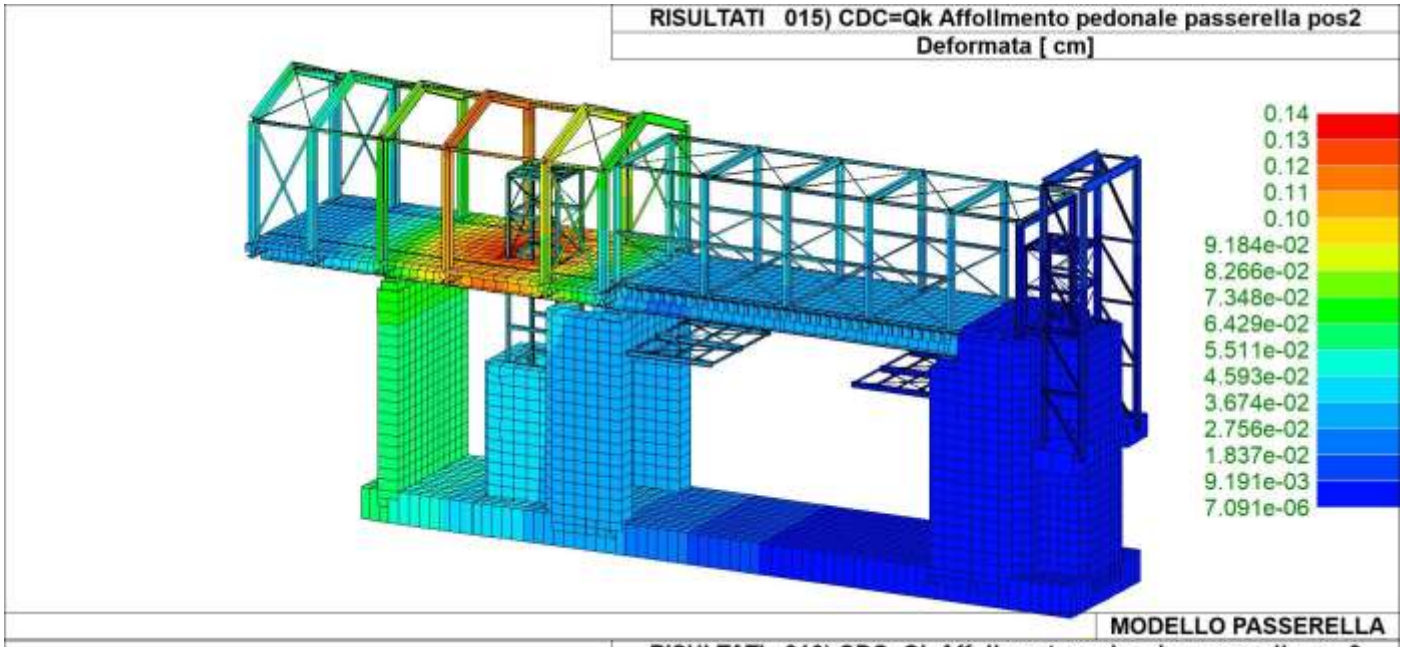

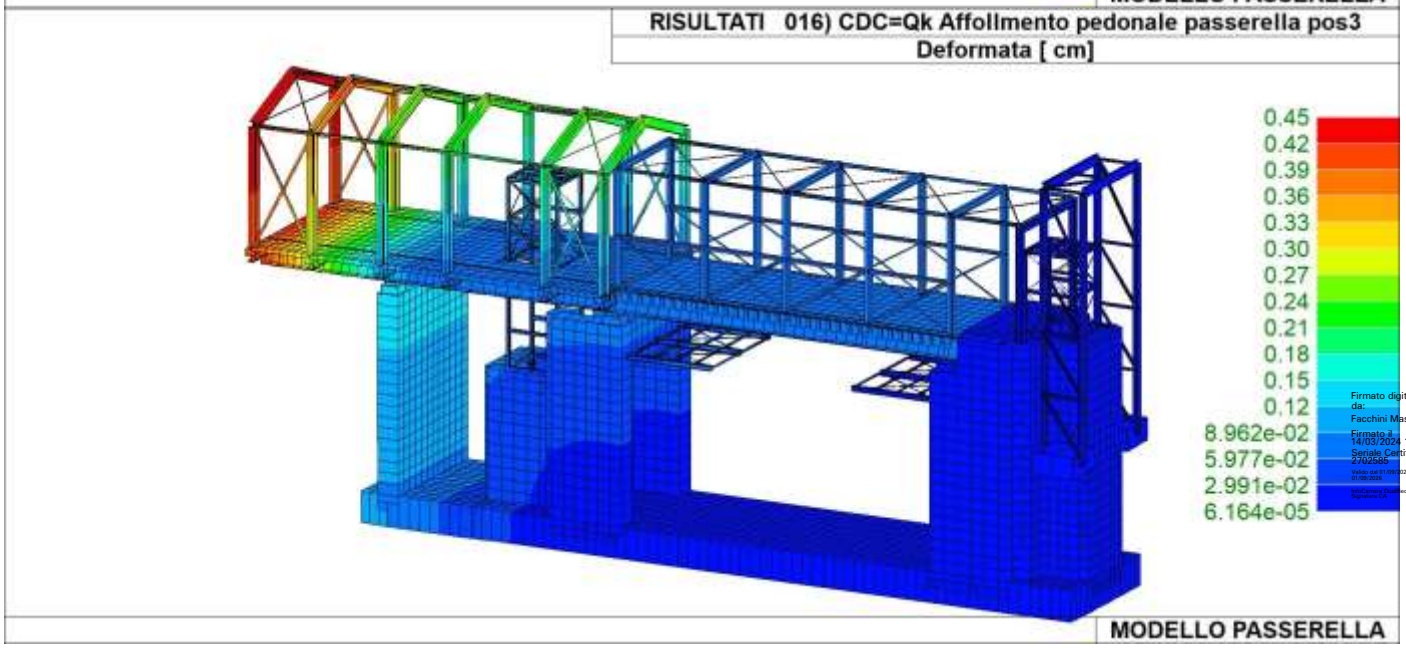

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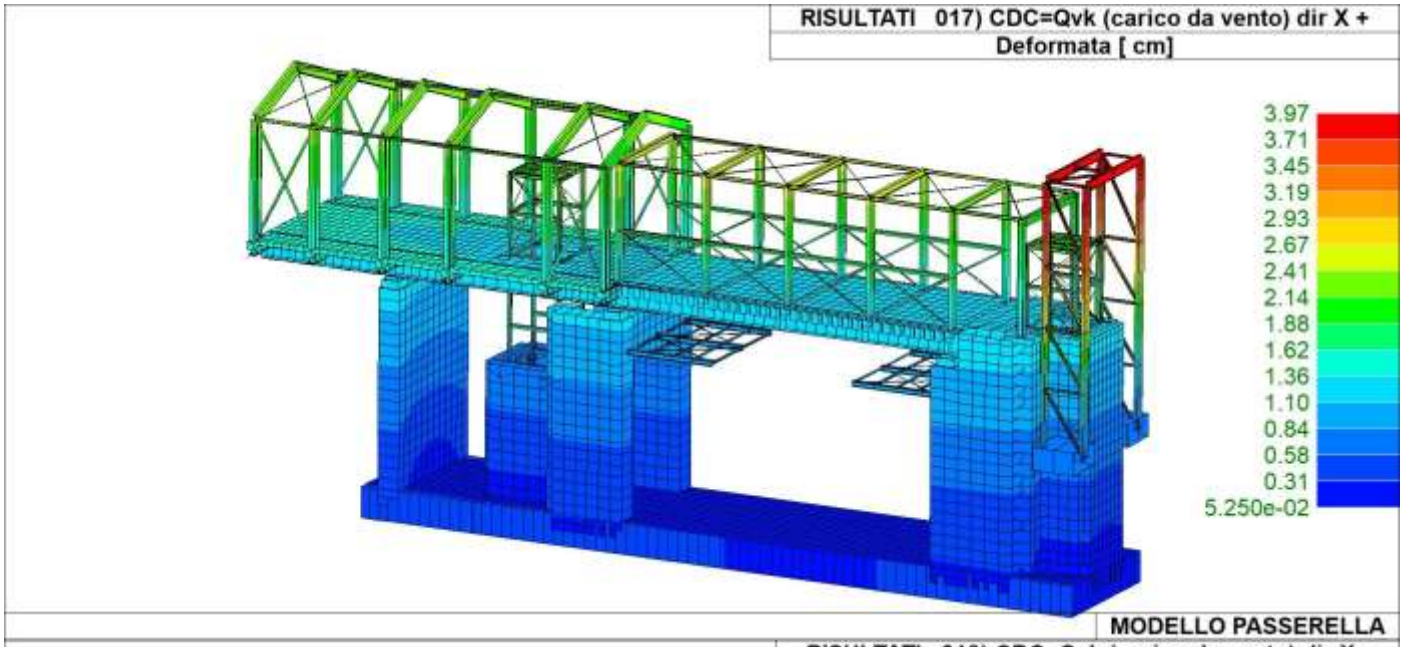

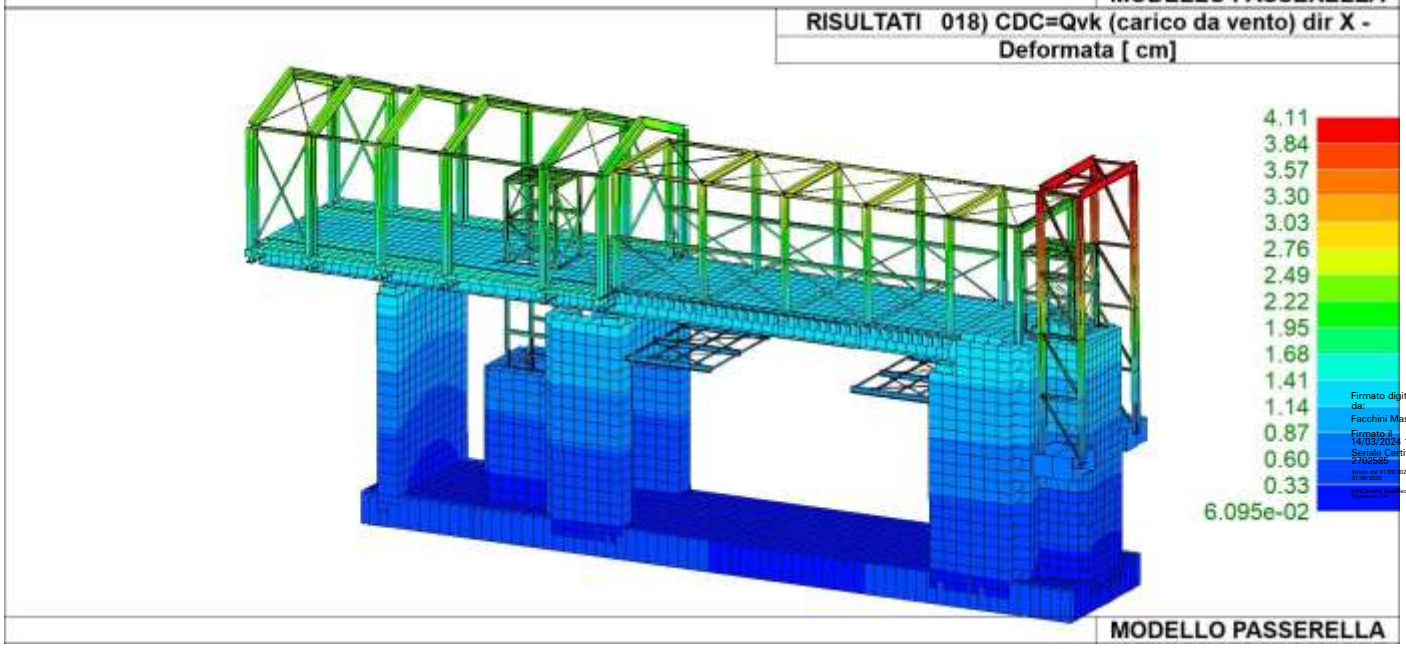

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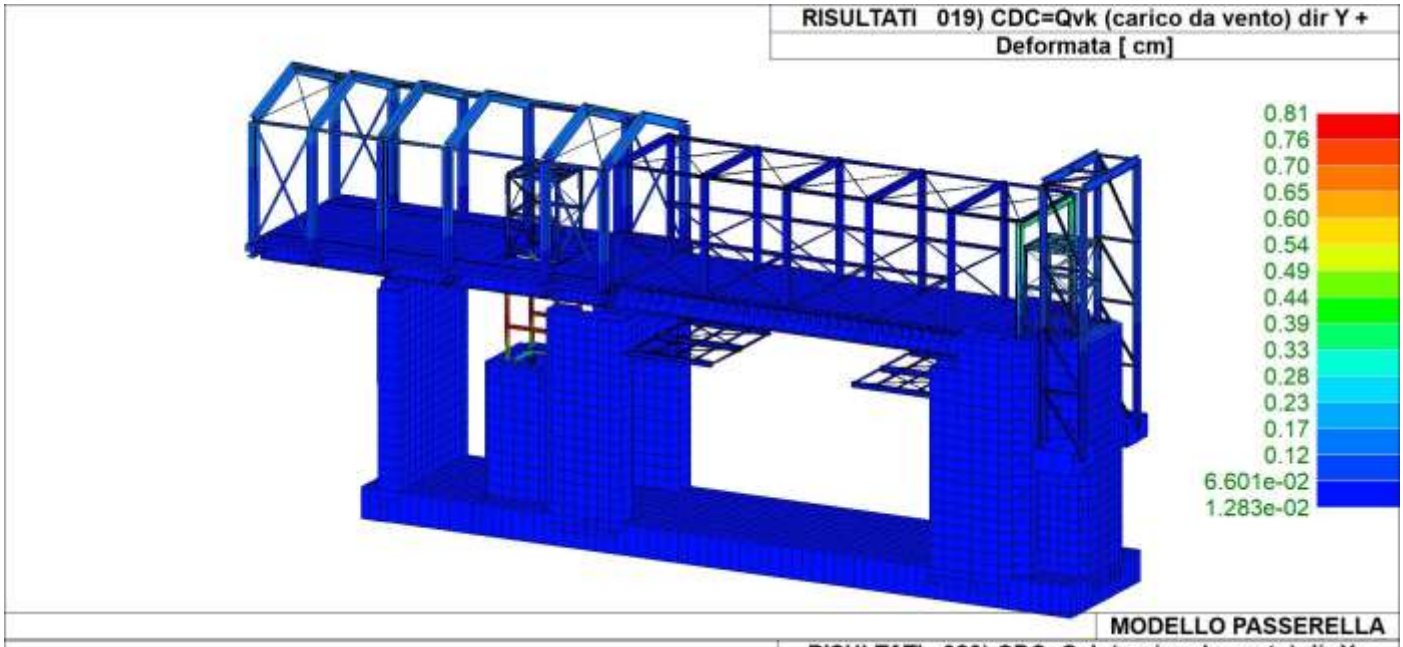

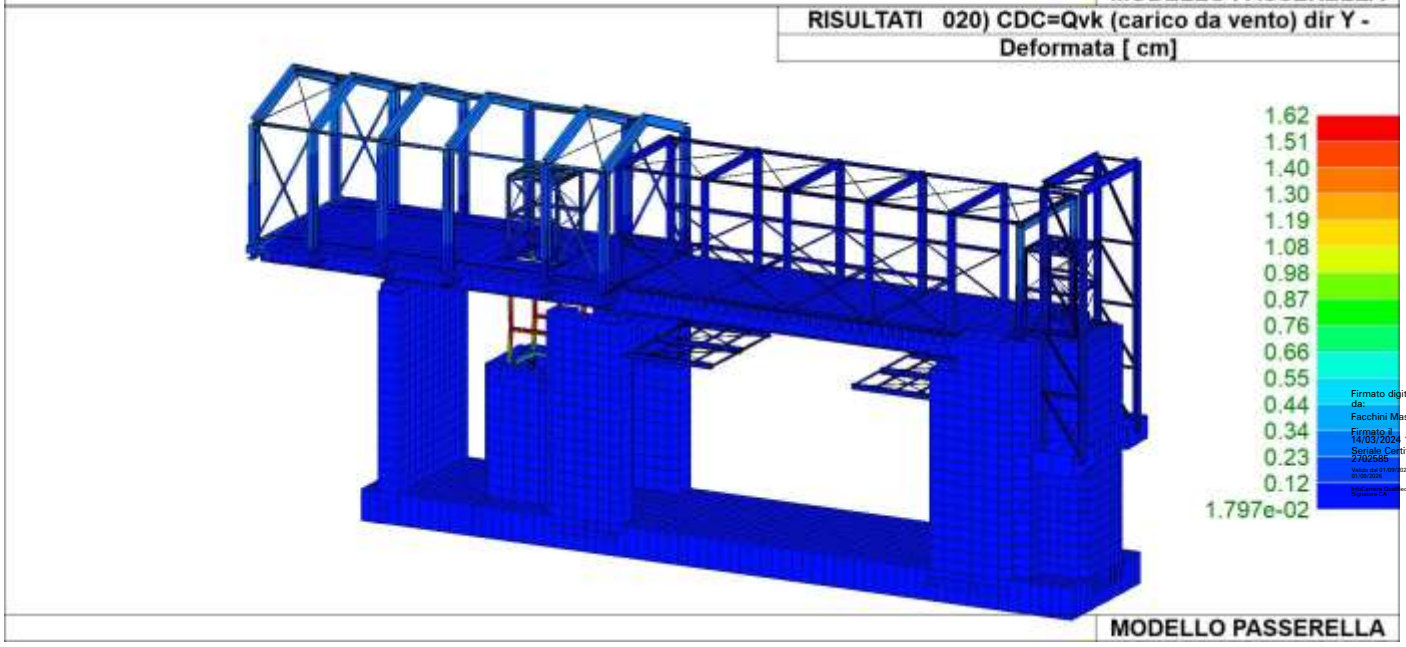

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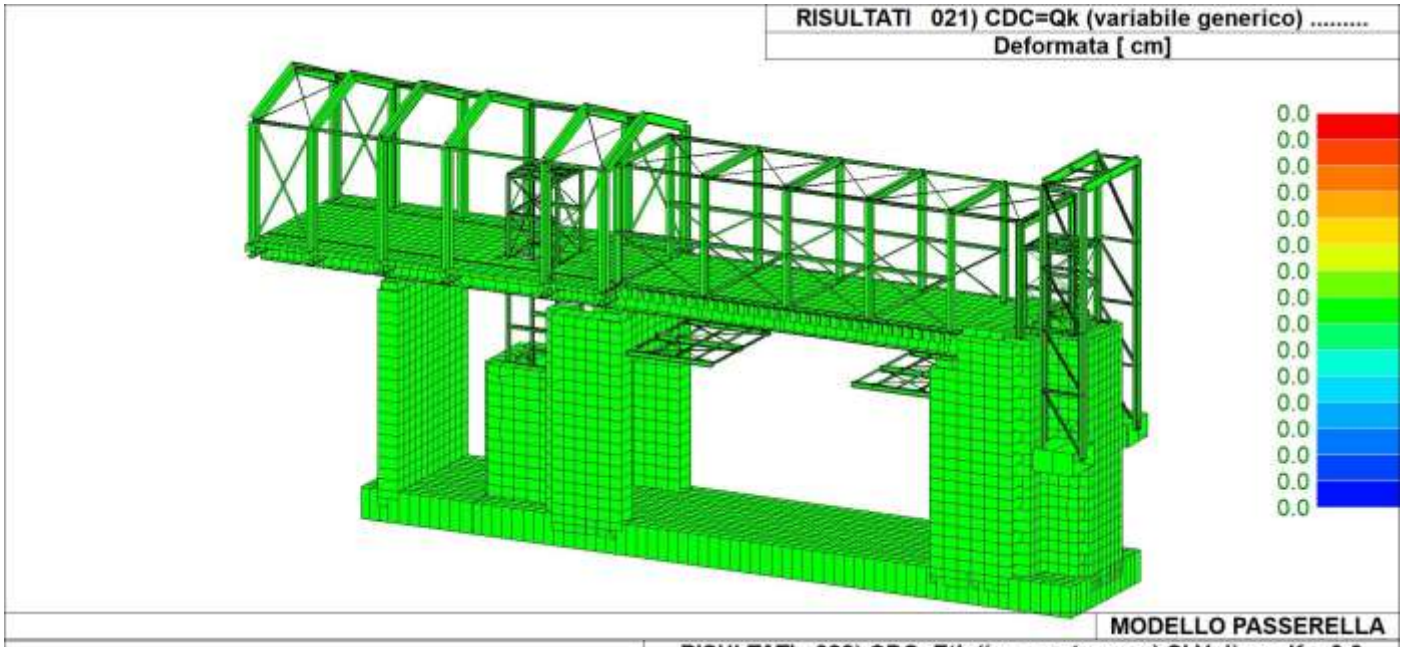

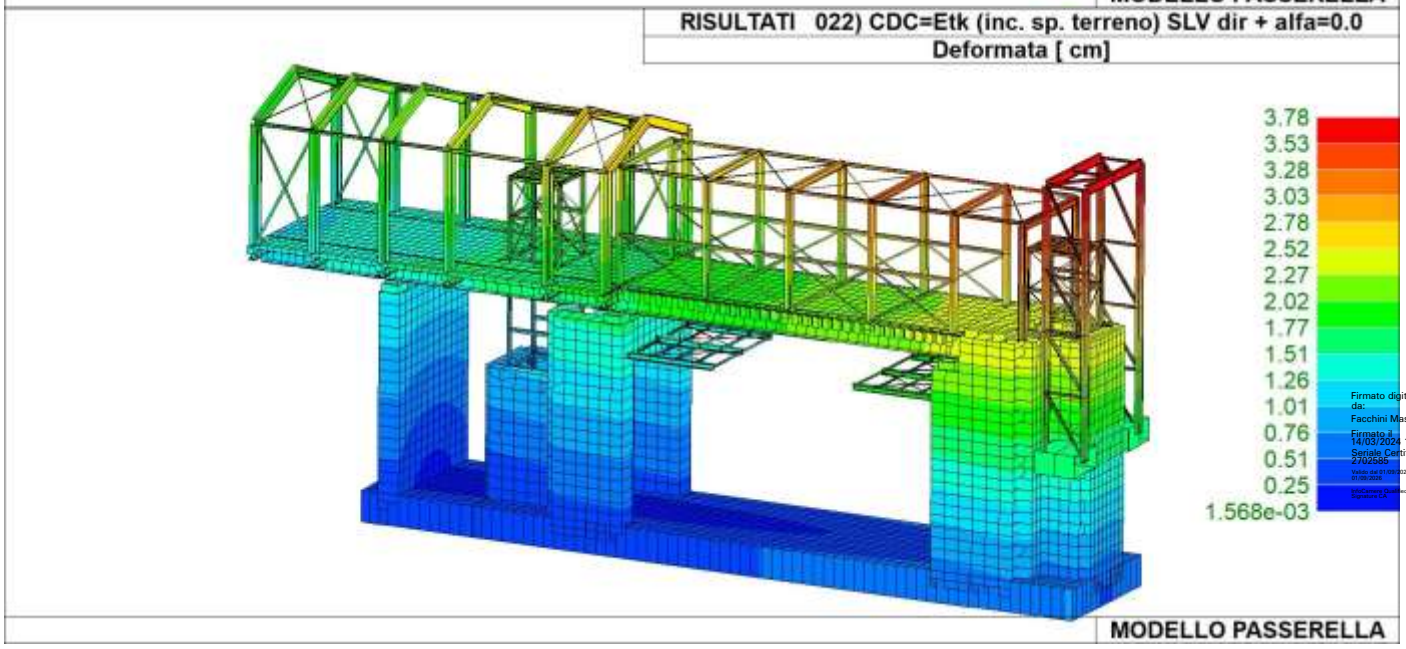

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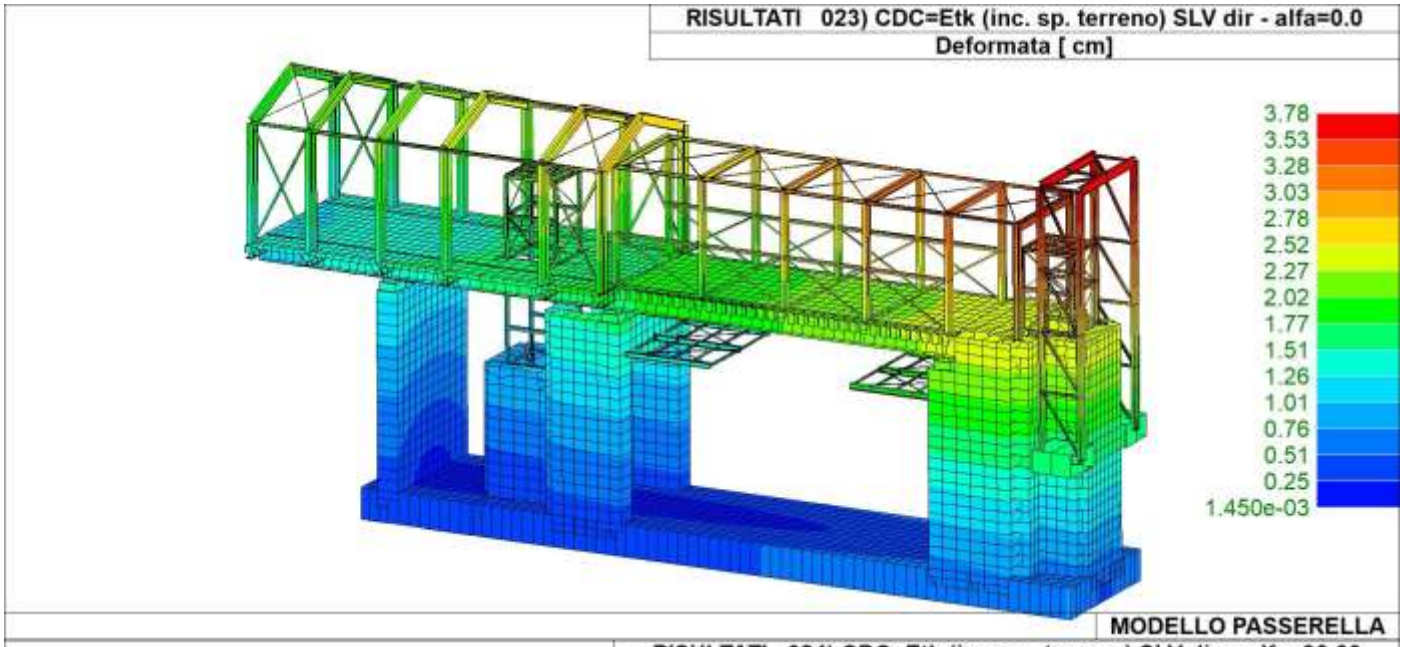

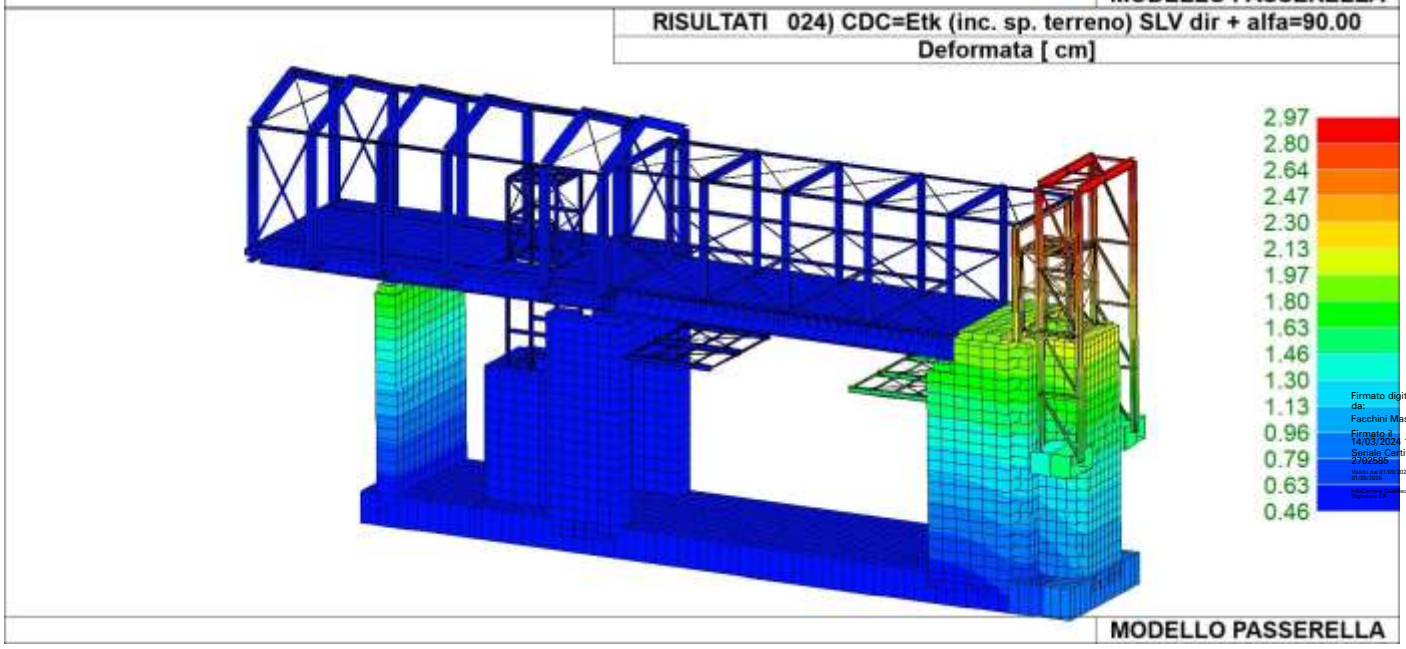

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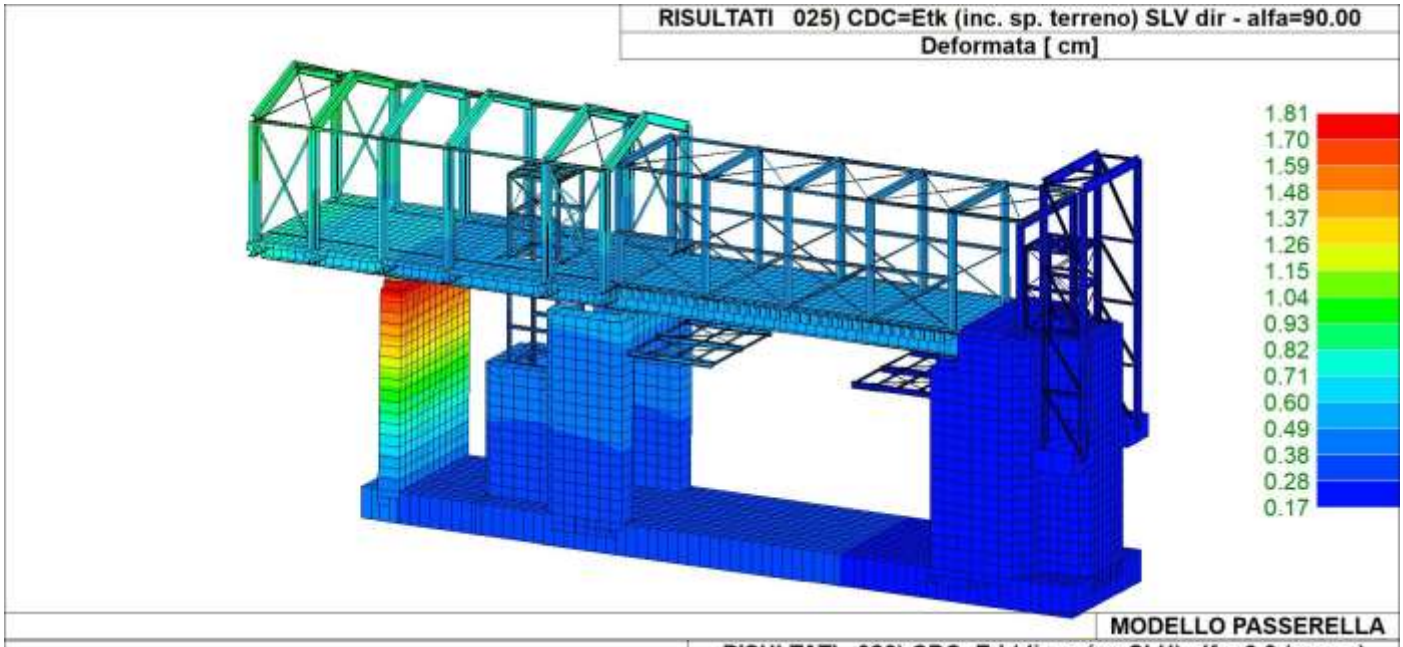

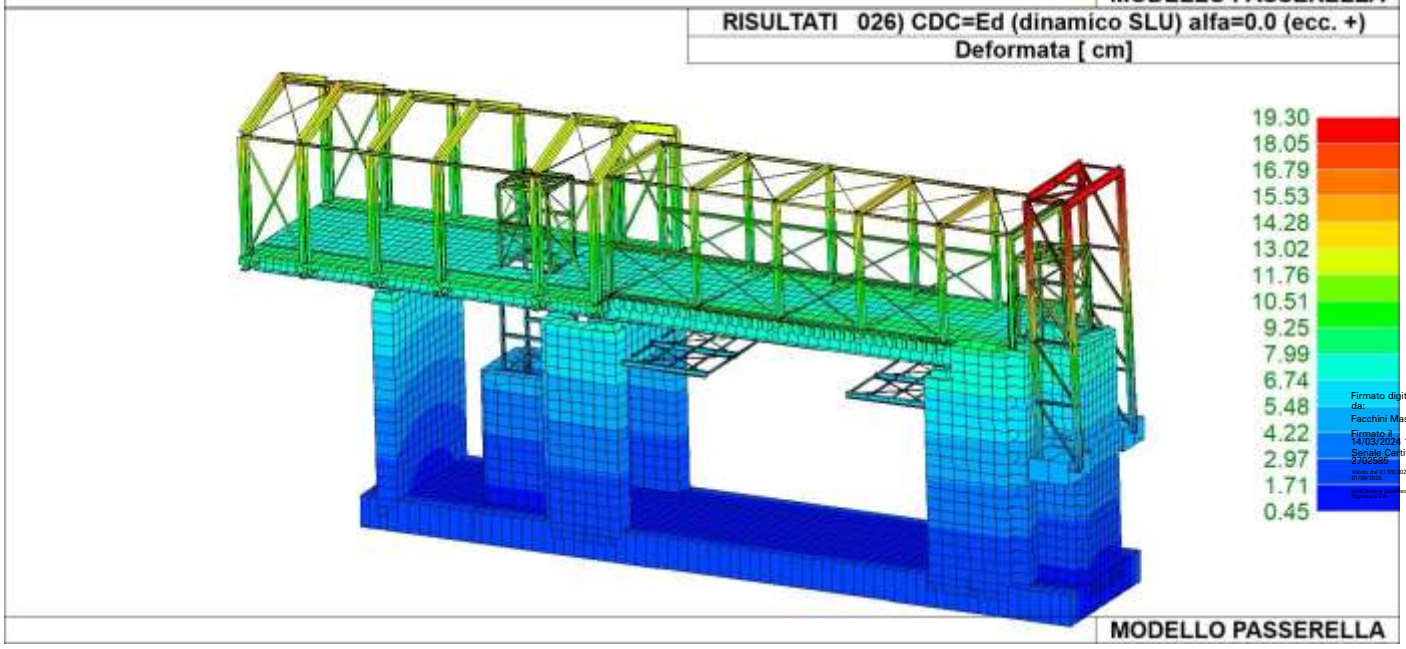

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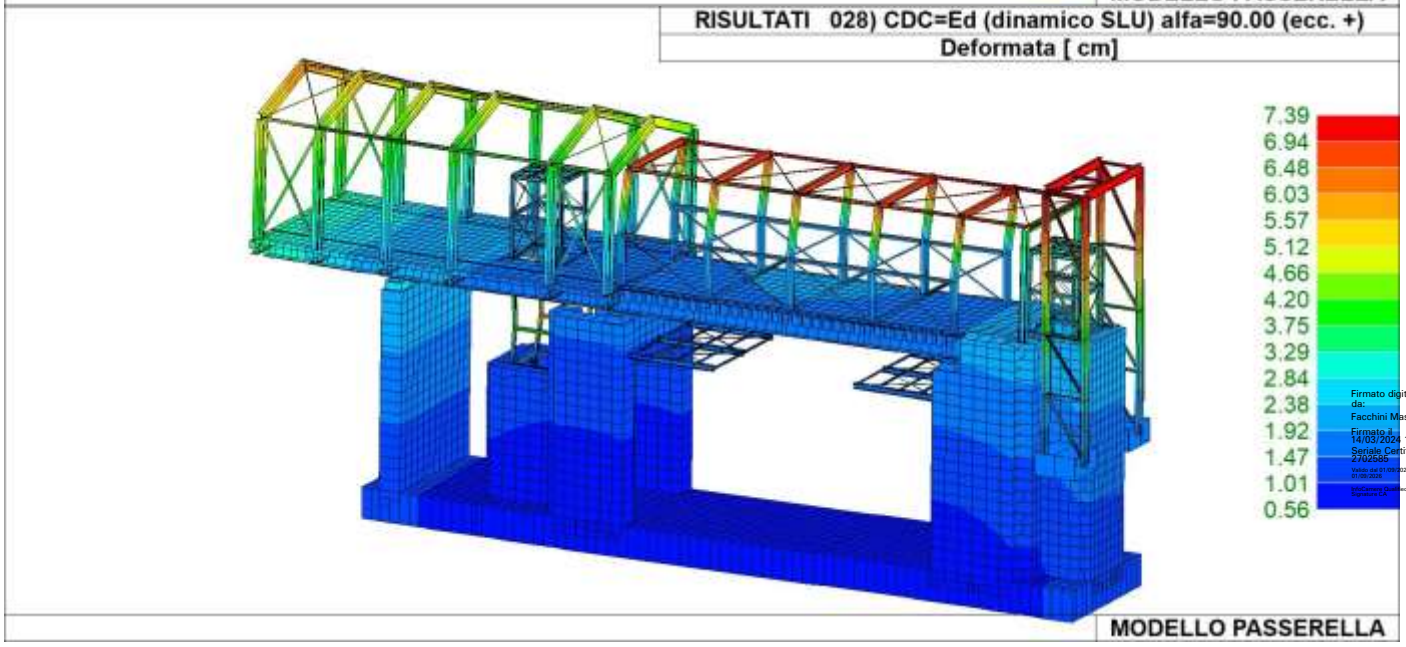

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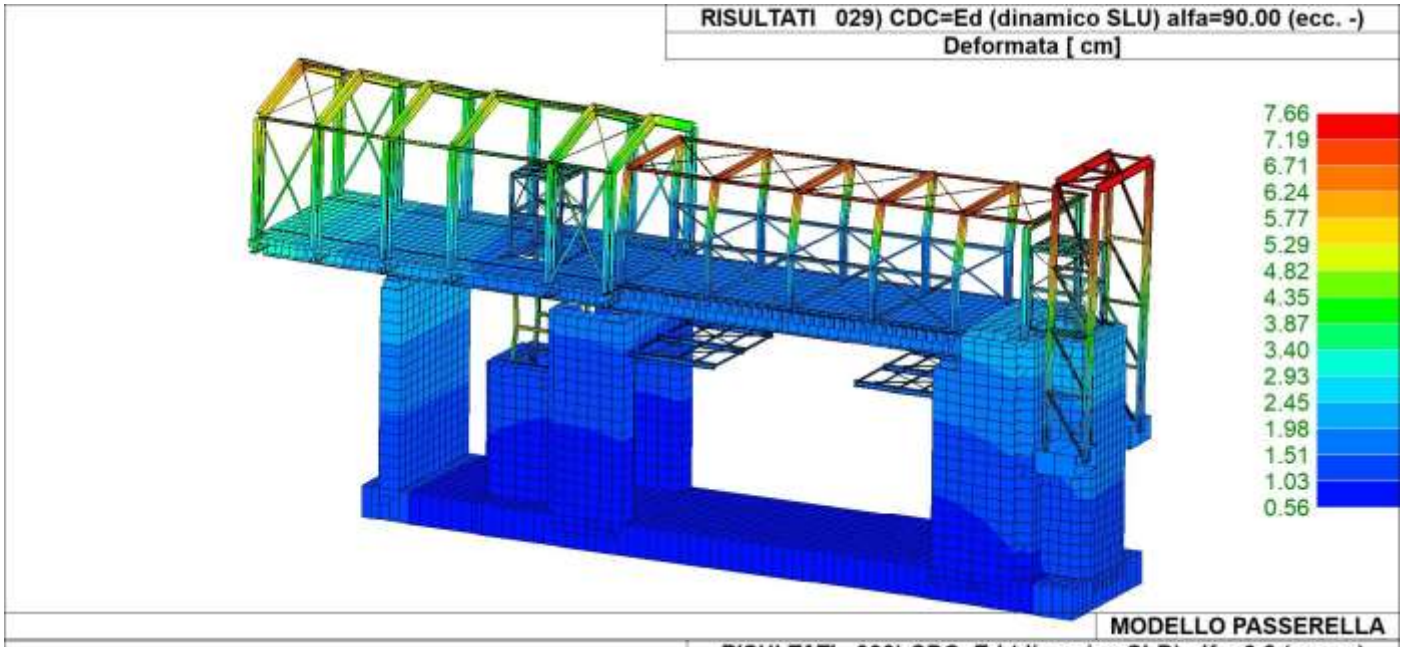

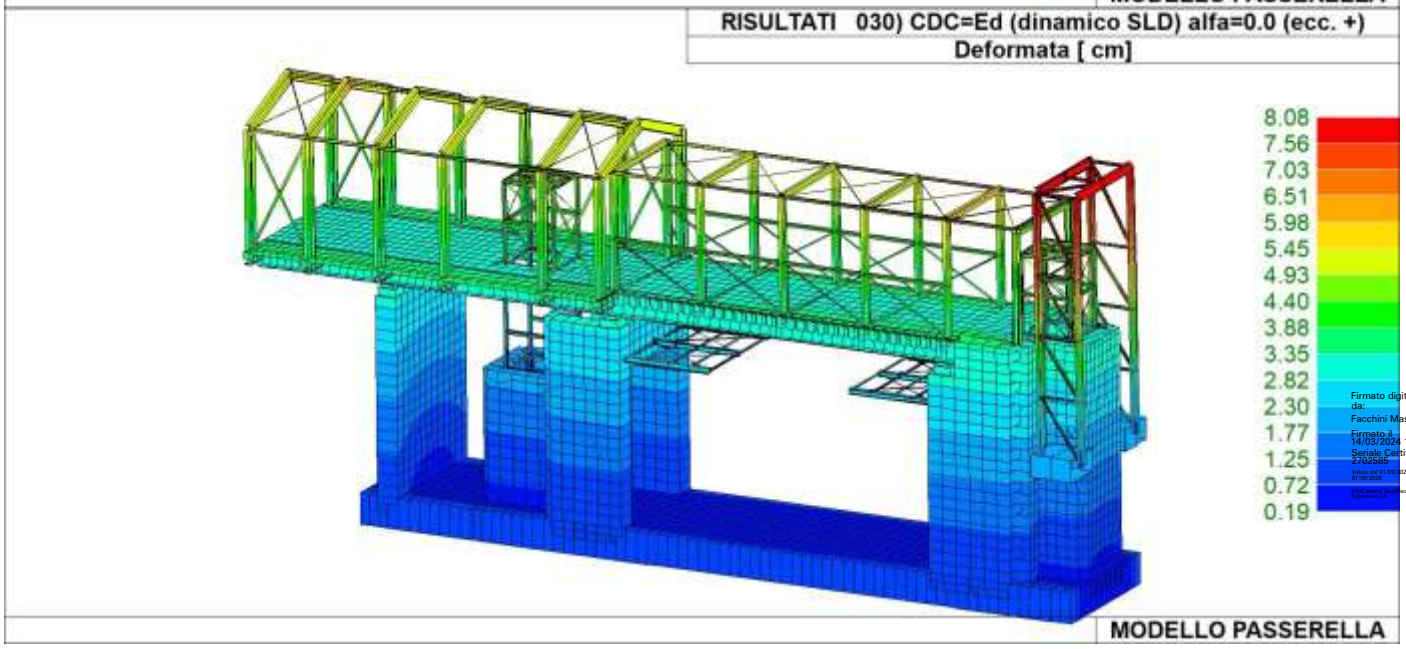

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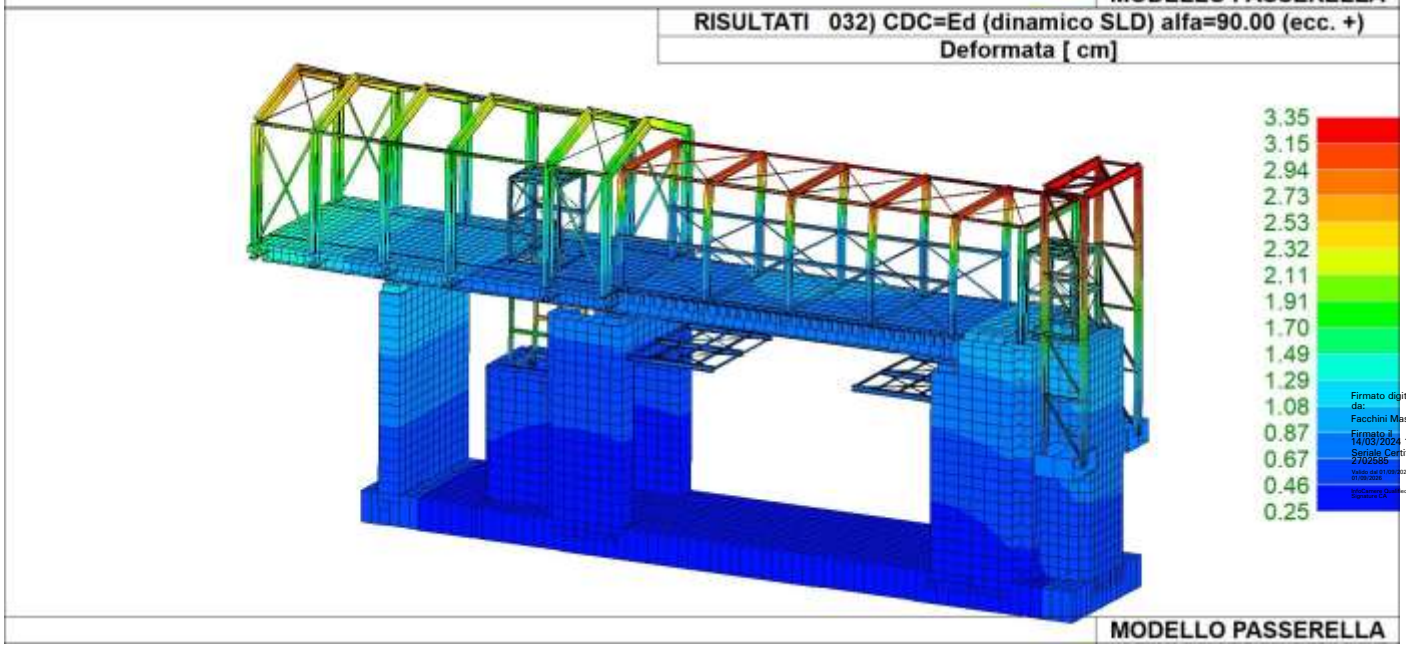

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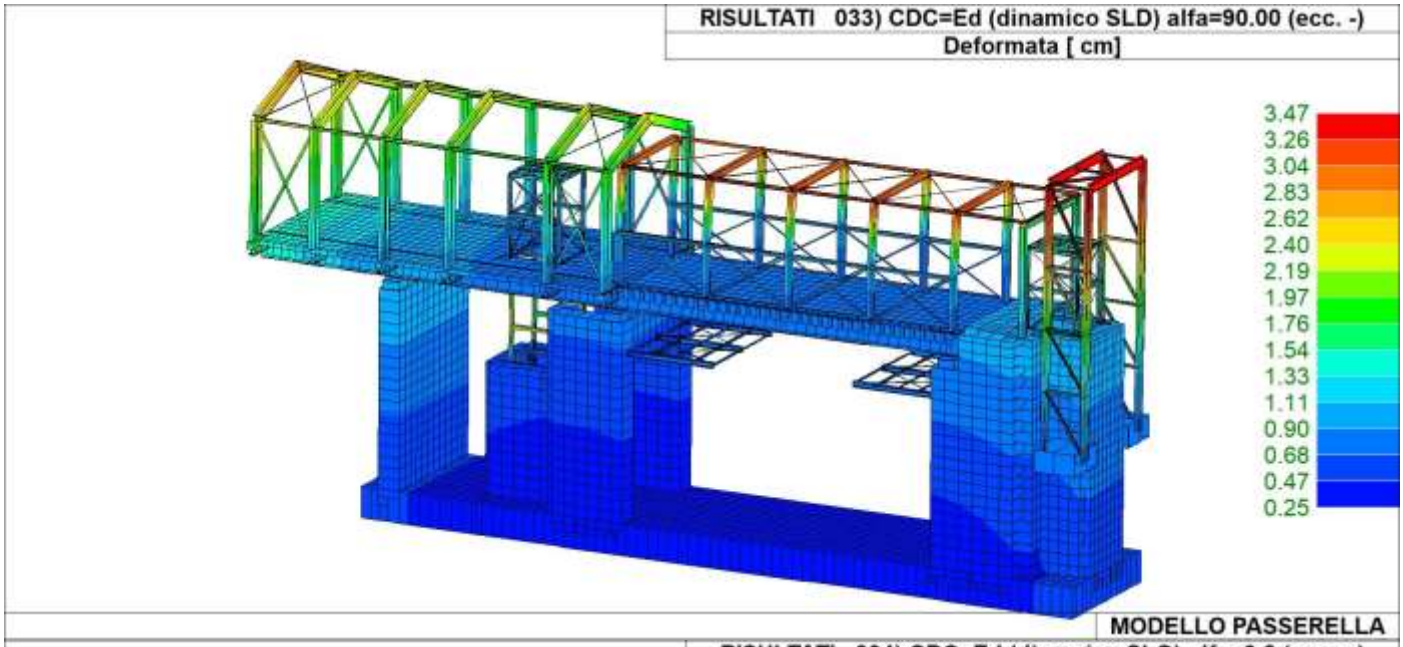

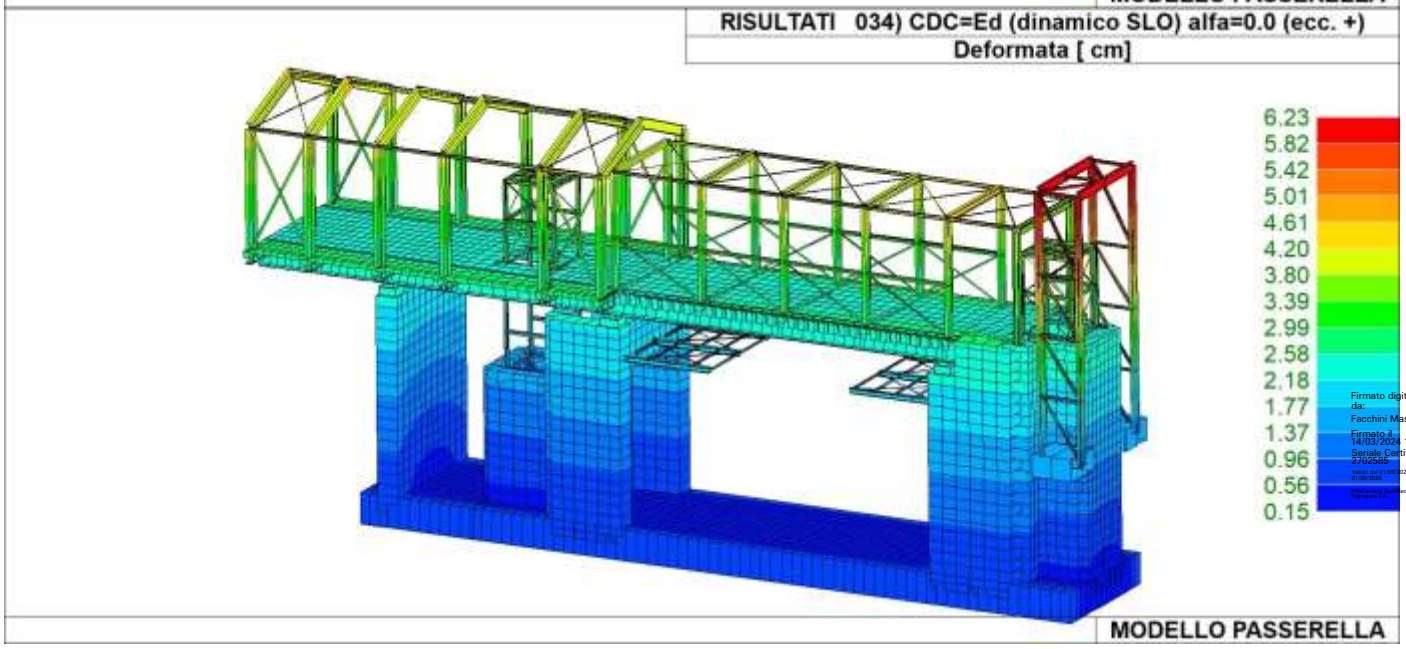

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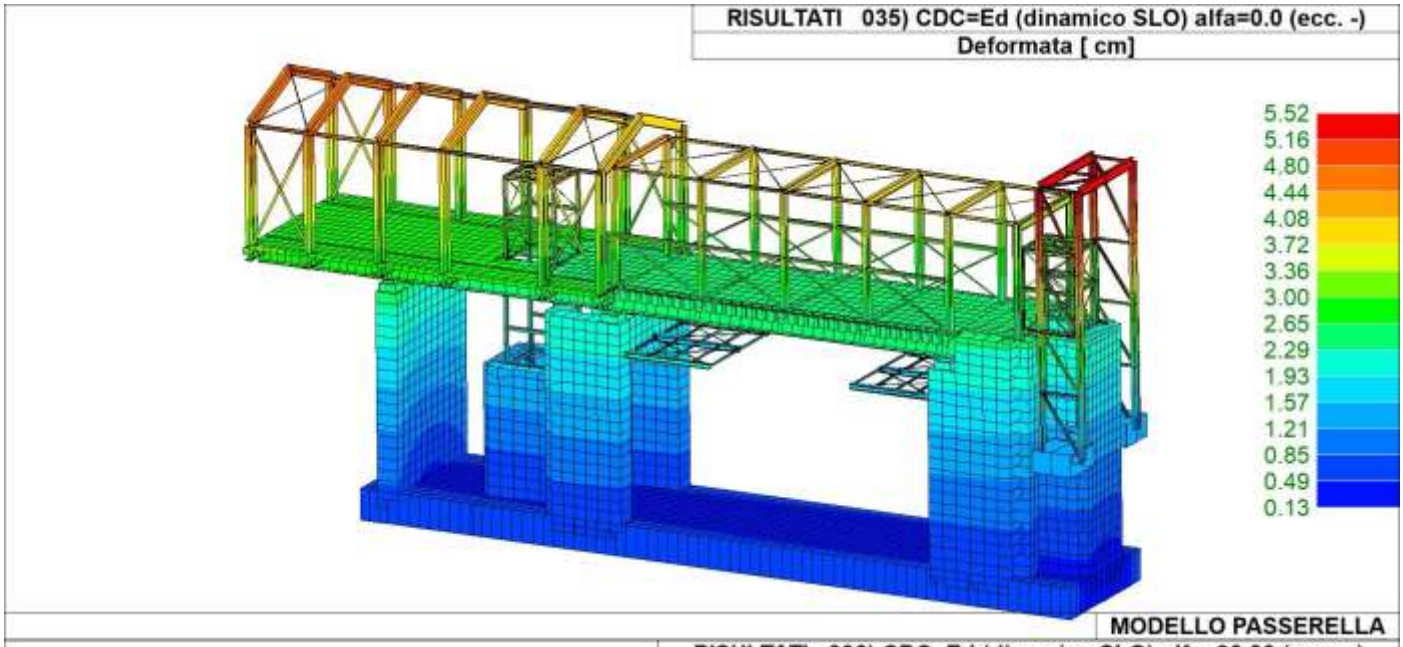

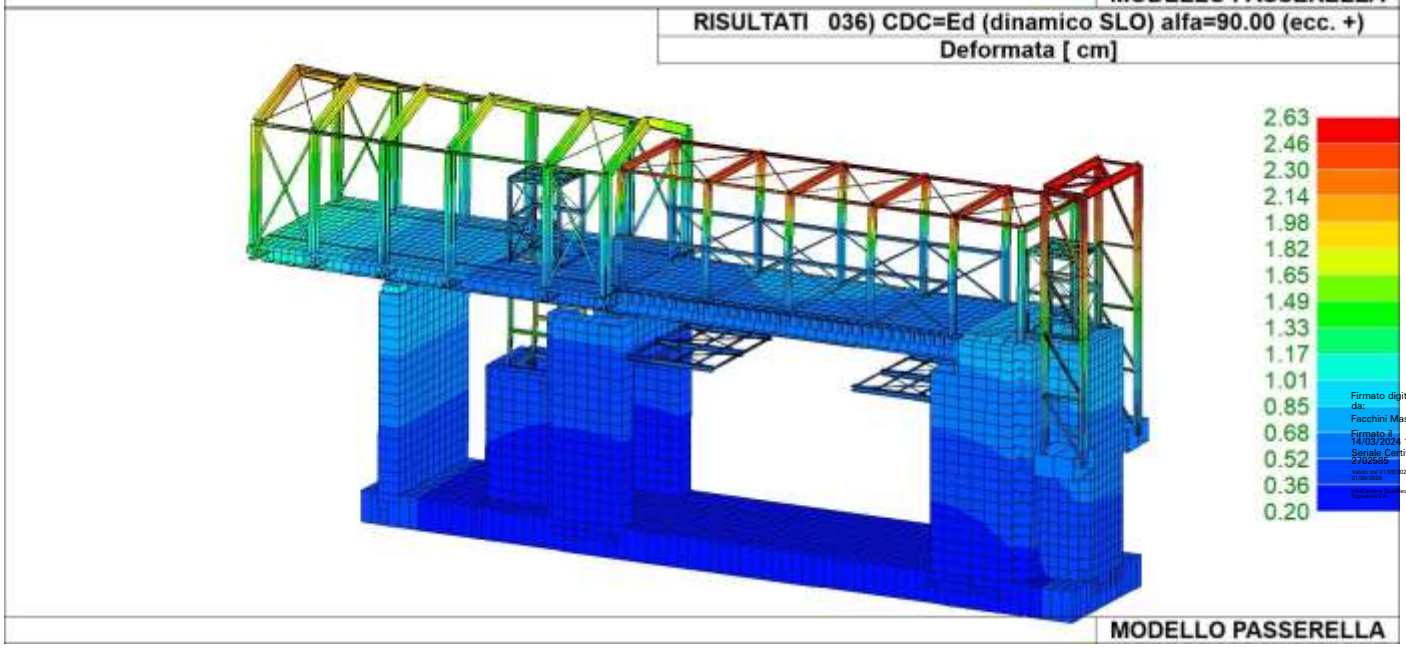

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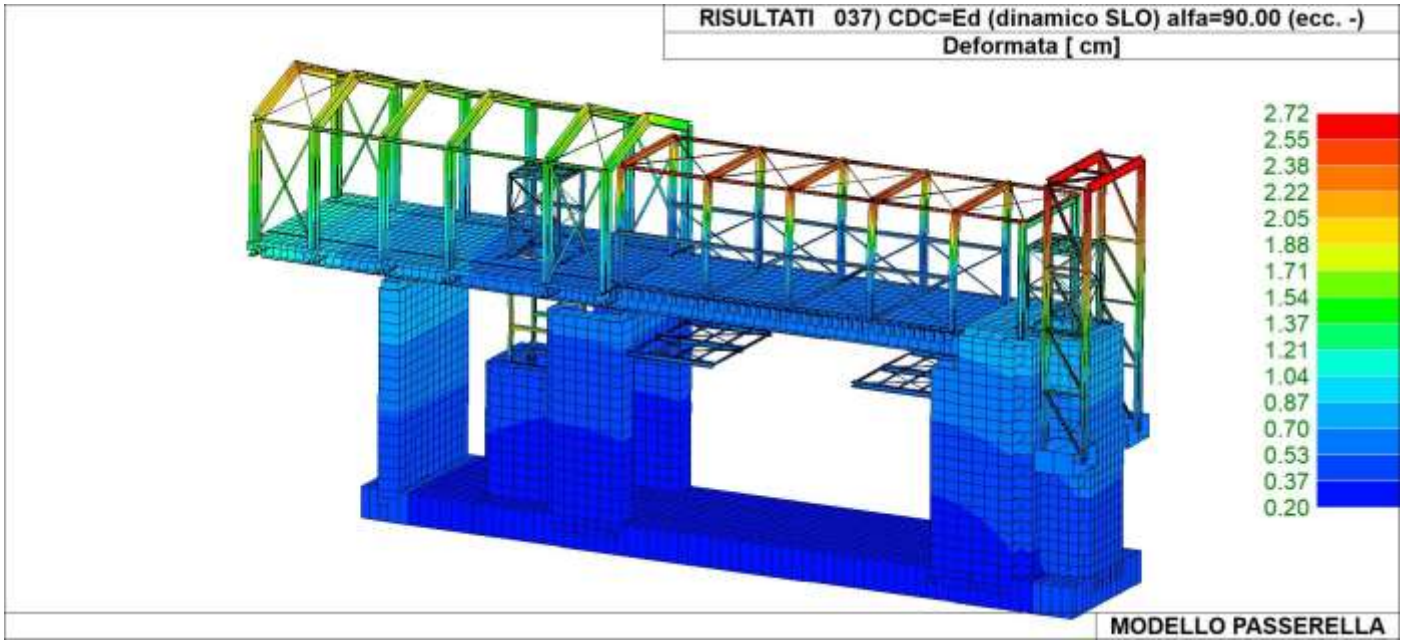

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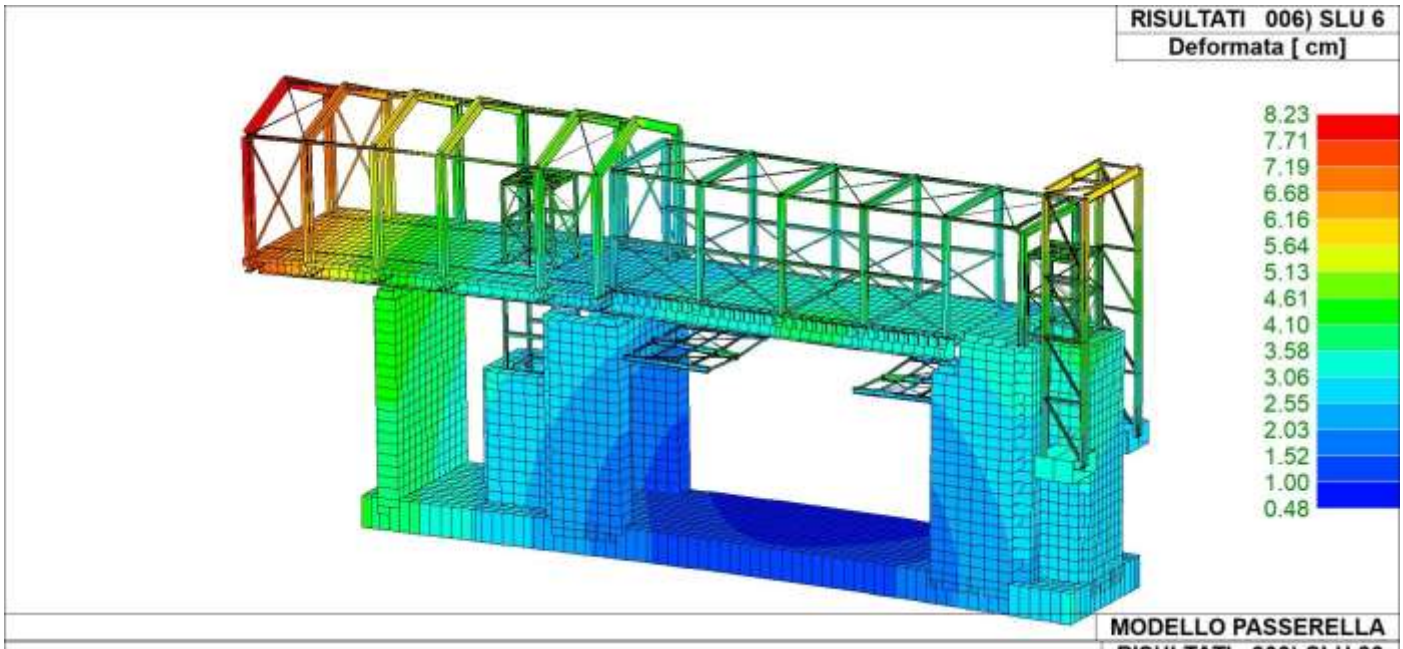
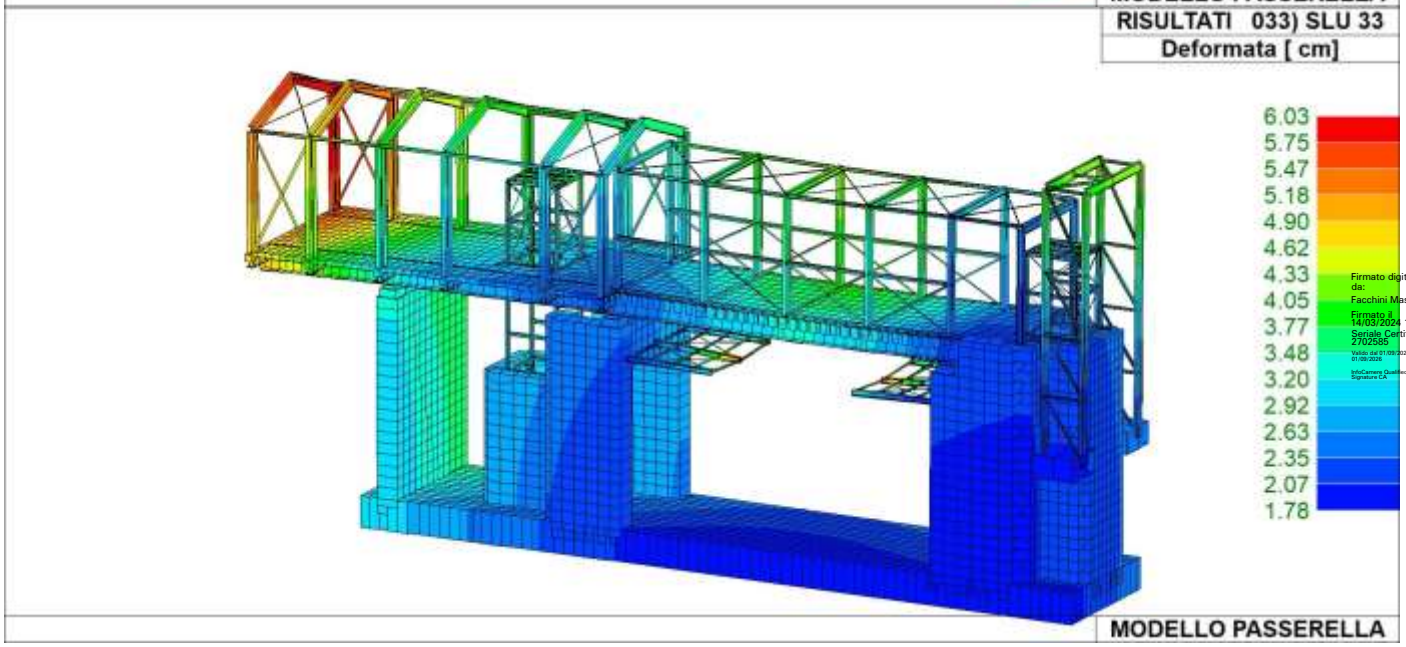
10.3.2 Deformate combinazioni di carico

SI RIPORTANO LE DEFORMATE PER LE COMBINAZIONI DI CARICO PIU' RAPPRESENTATIVE





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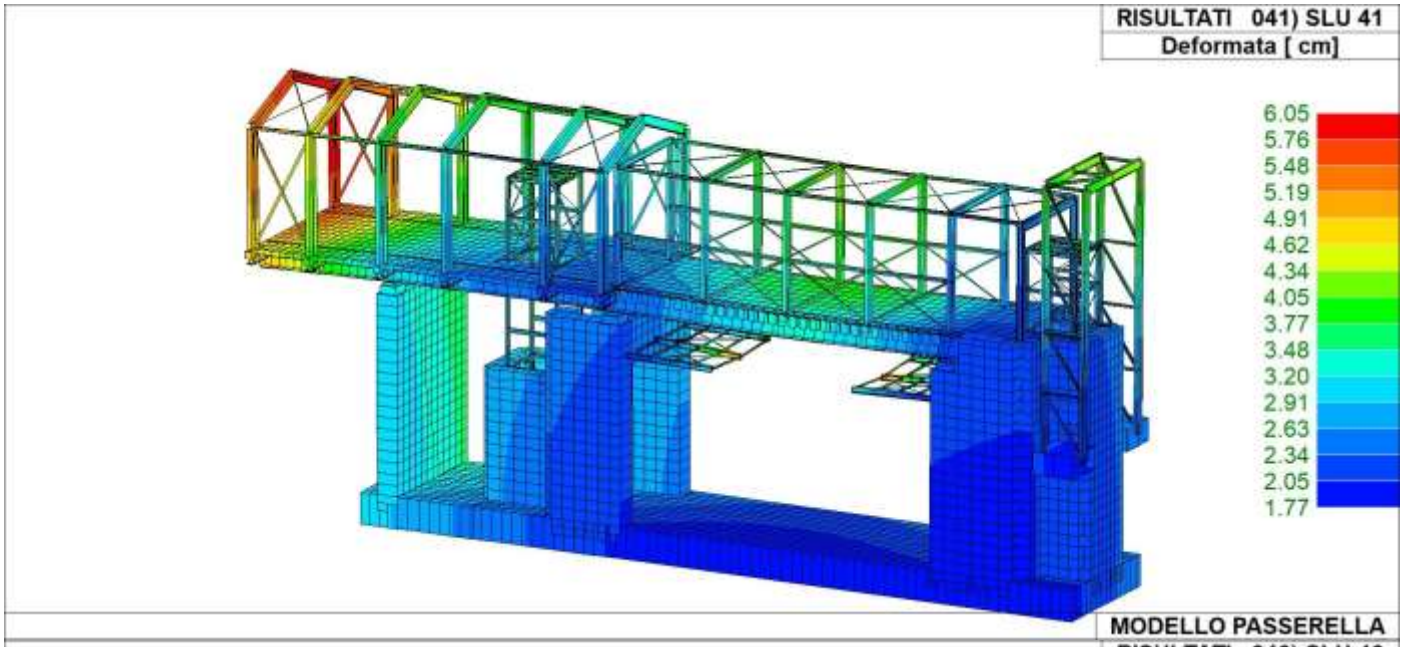

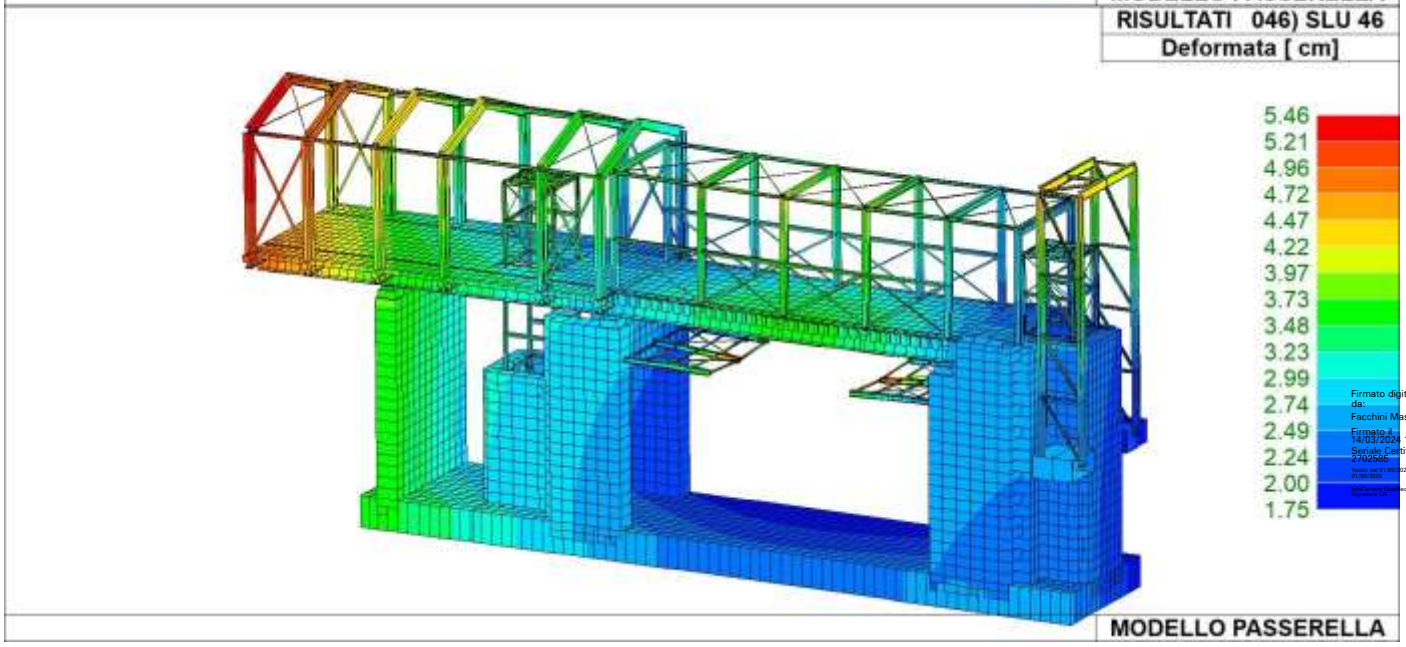

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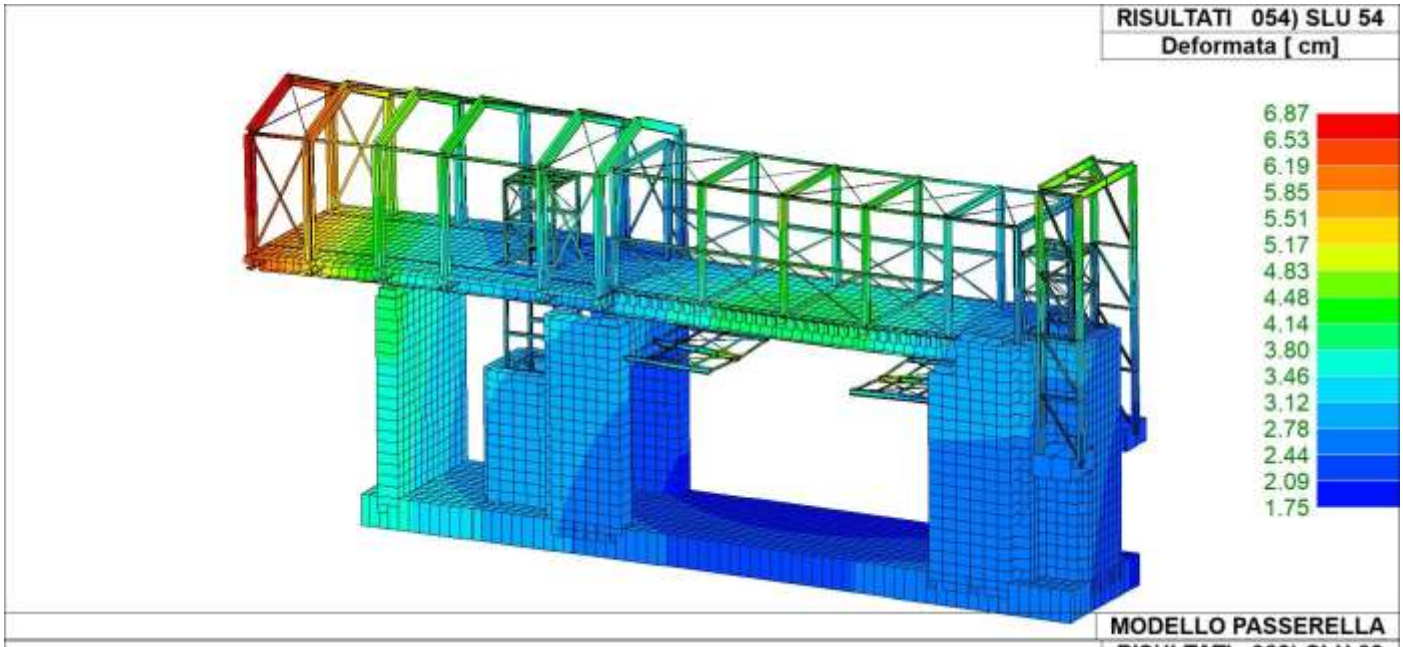

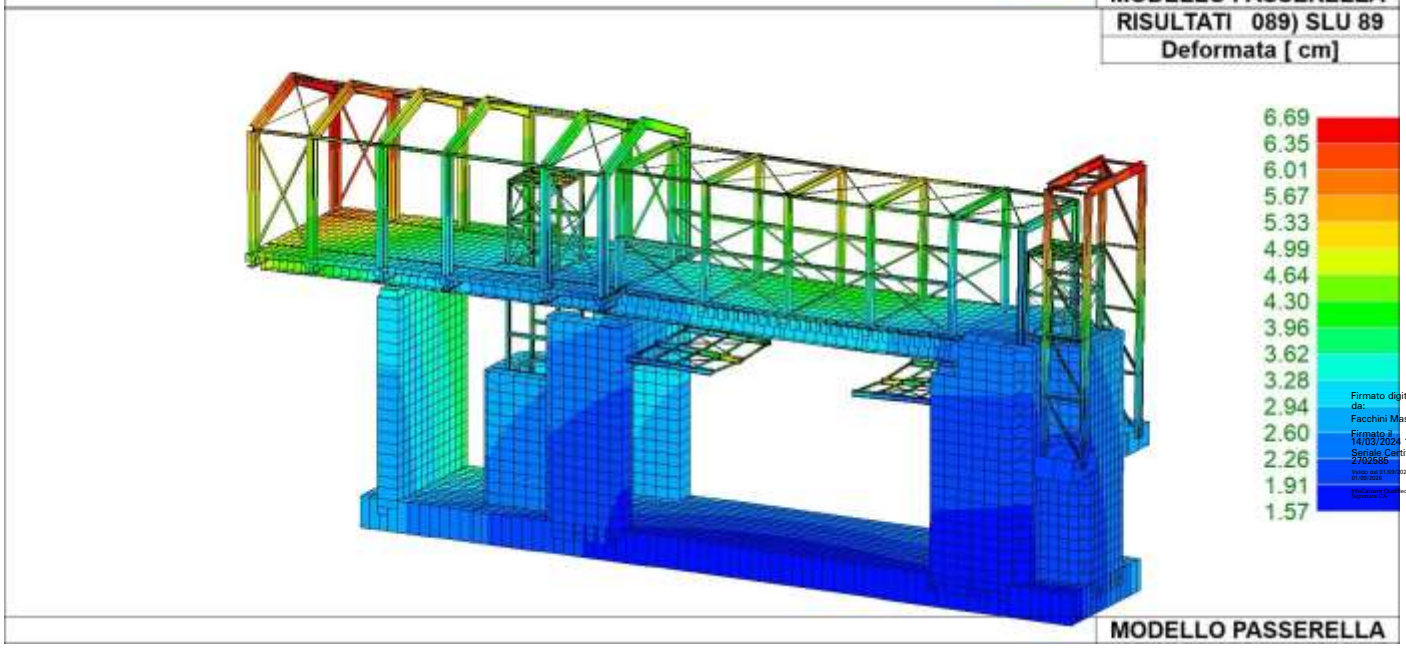

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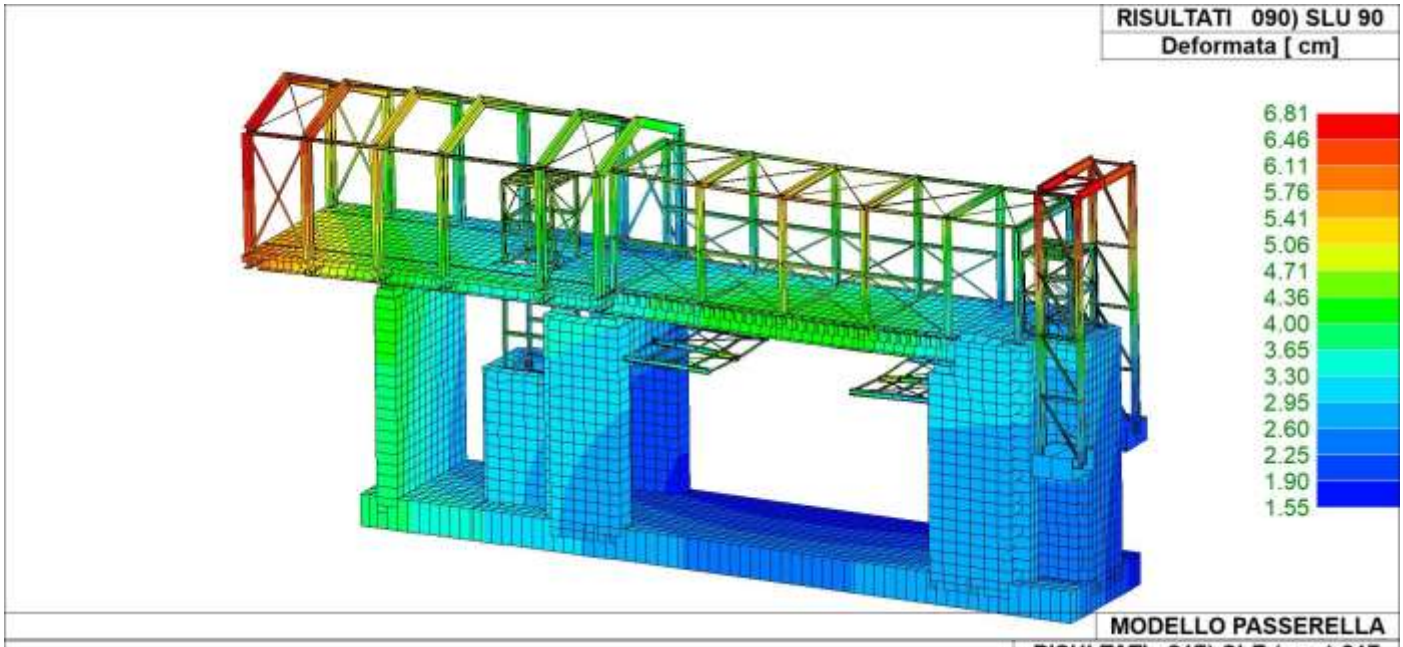

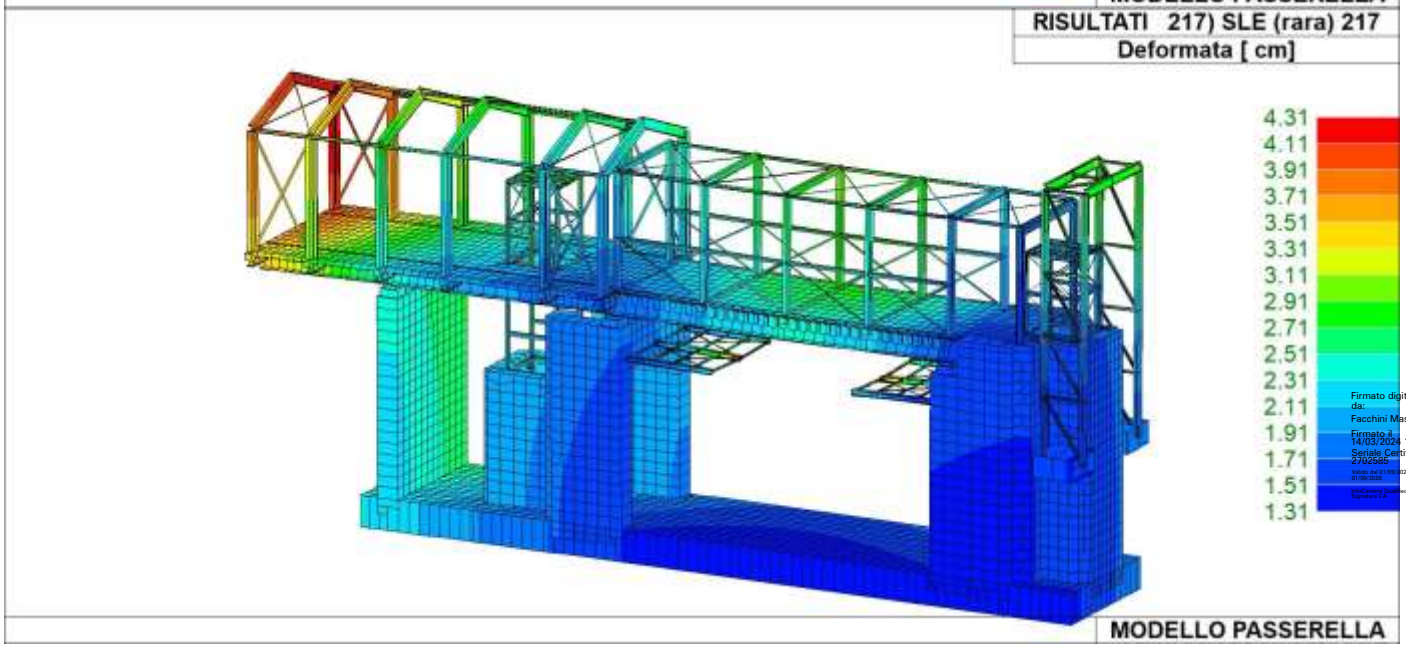

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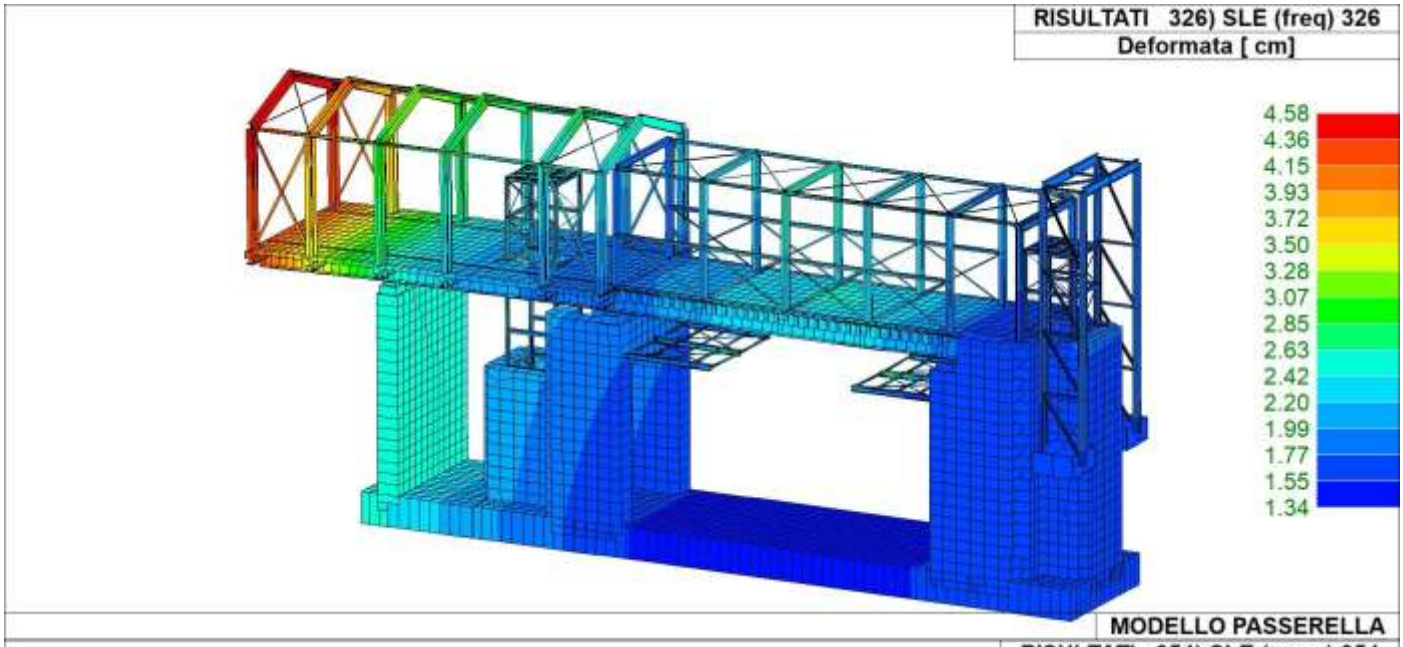

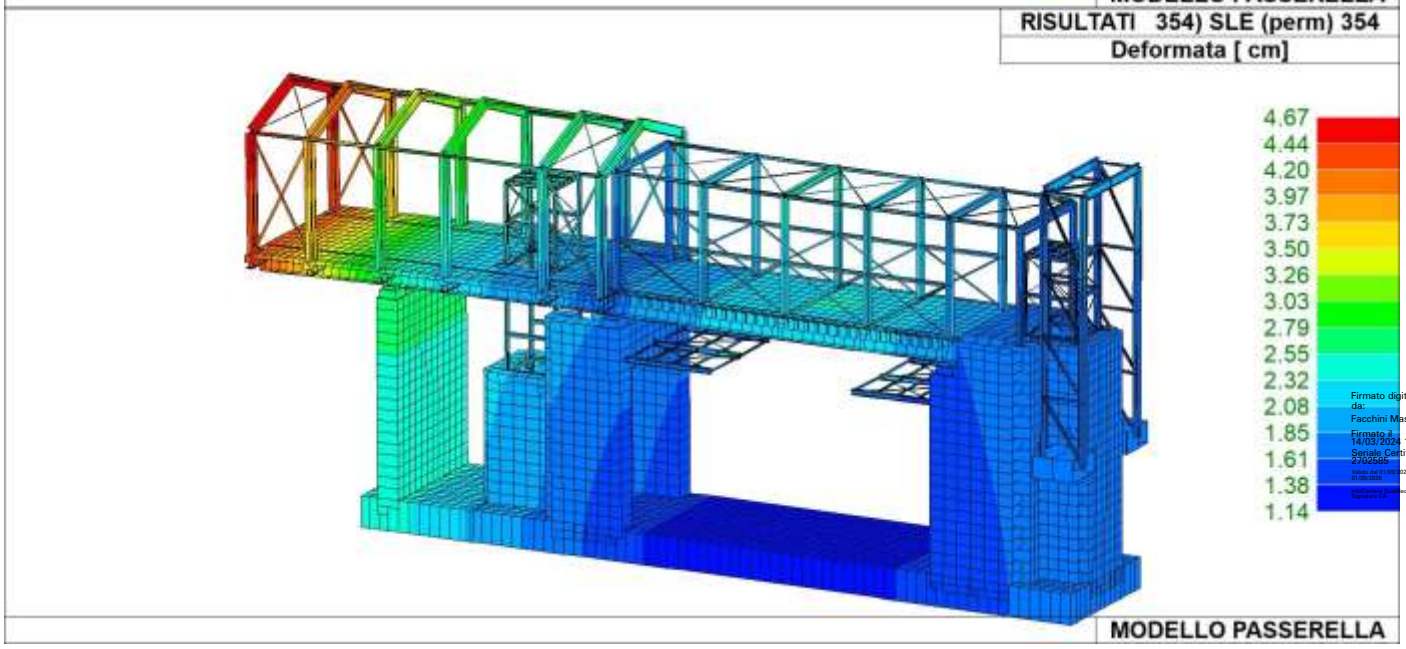

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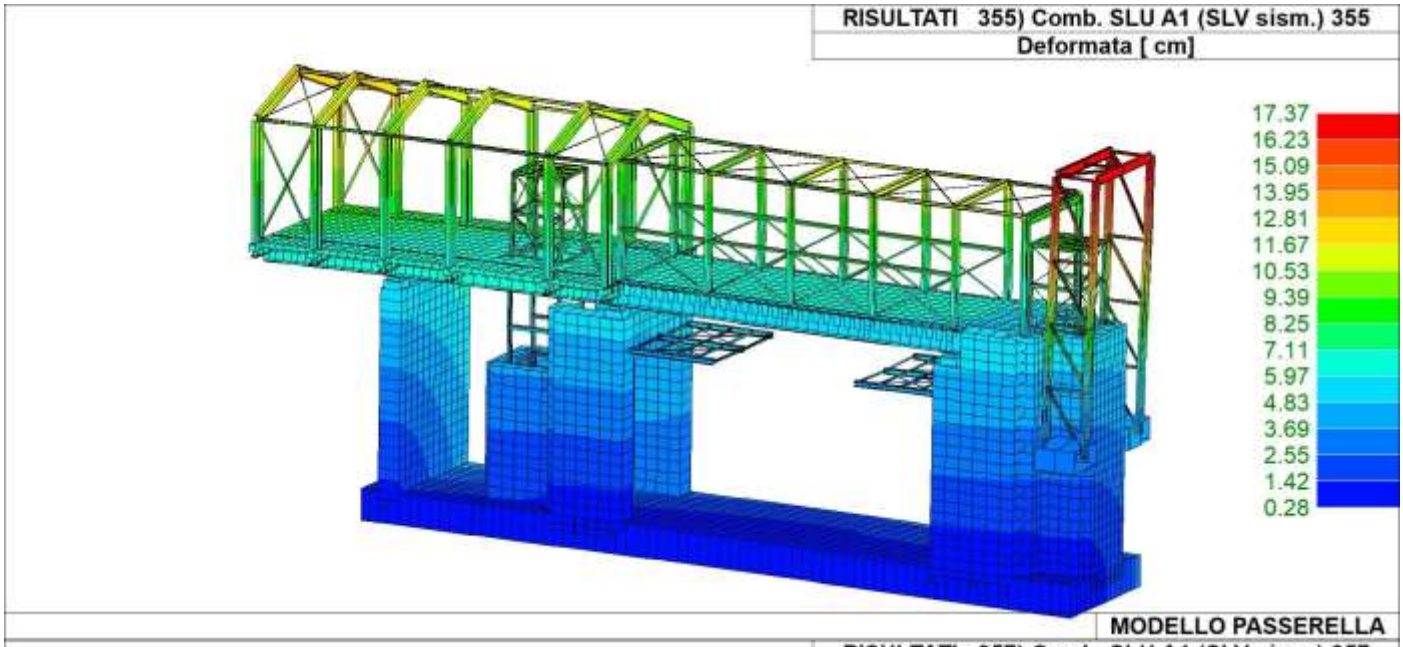

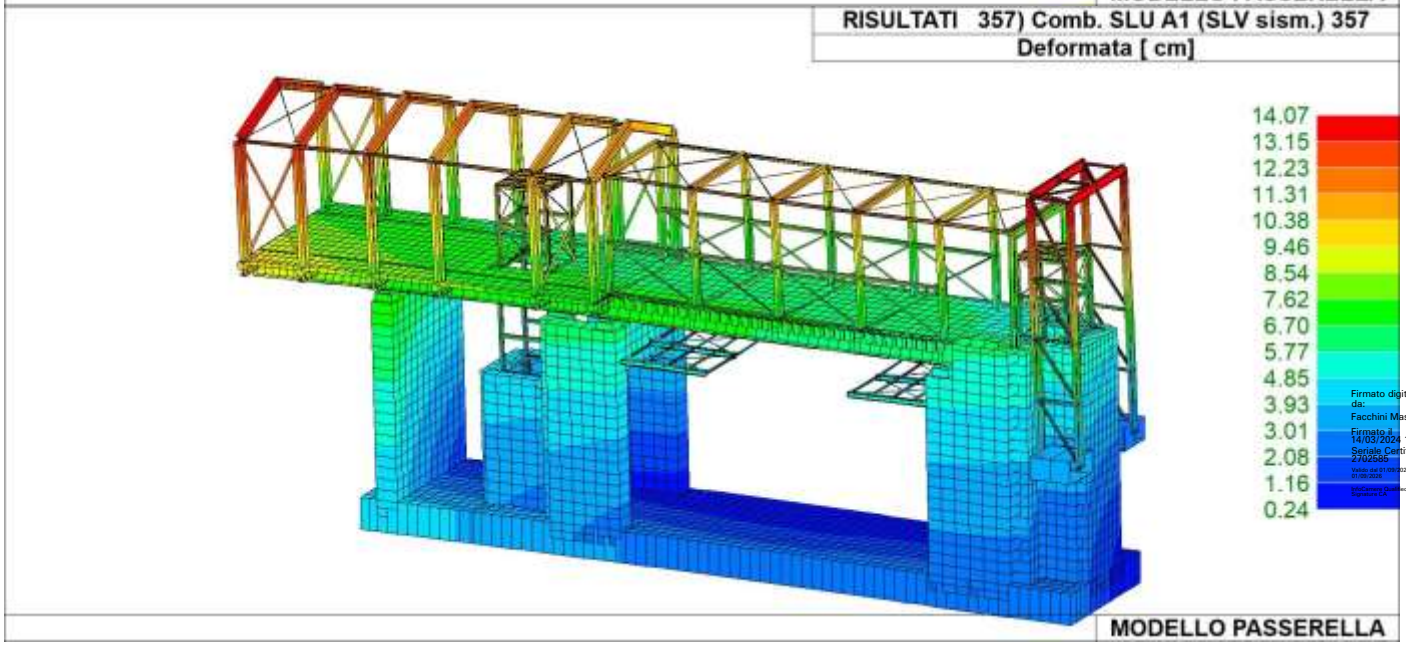

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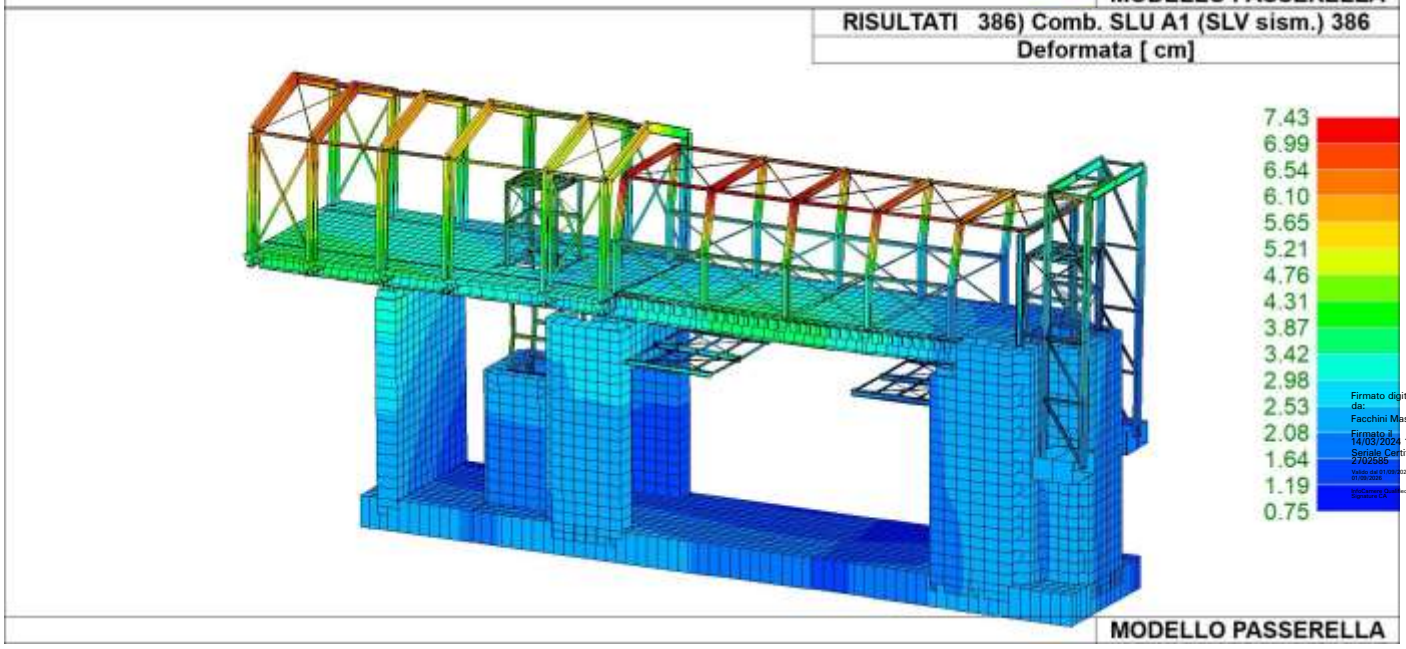

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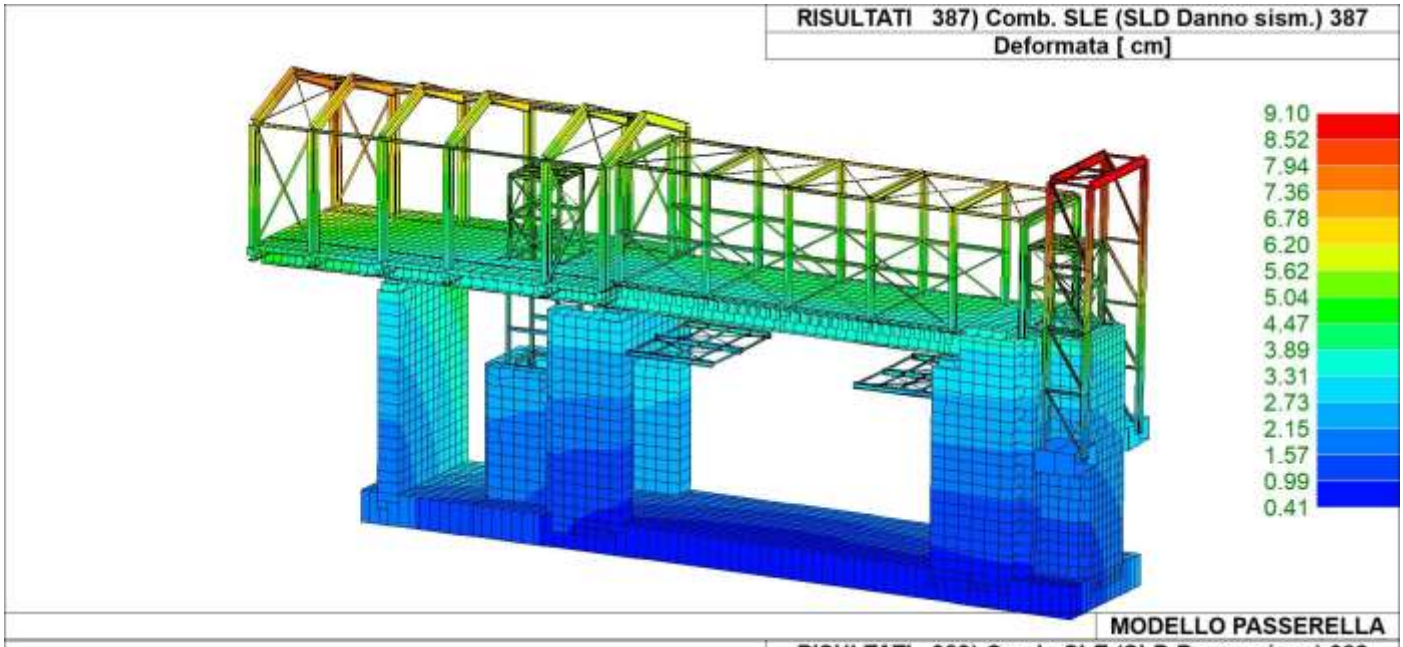

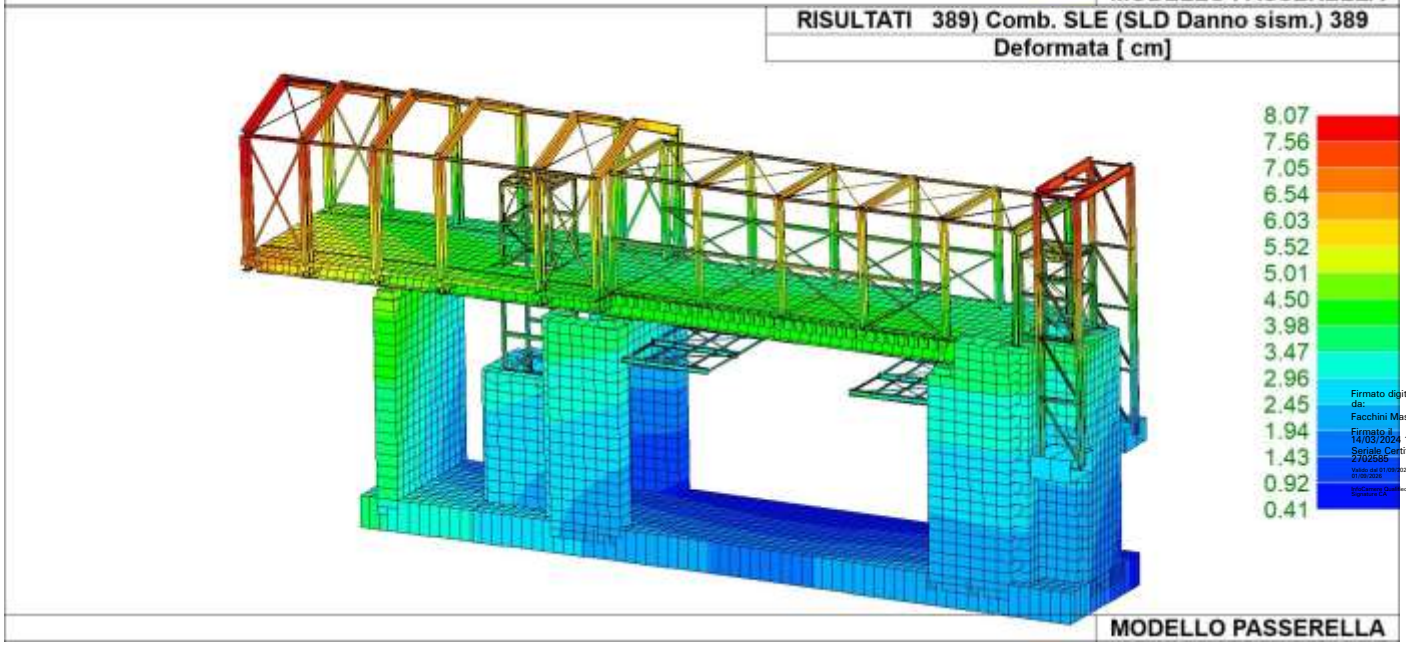

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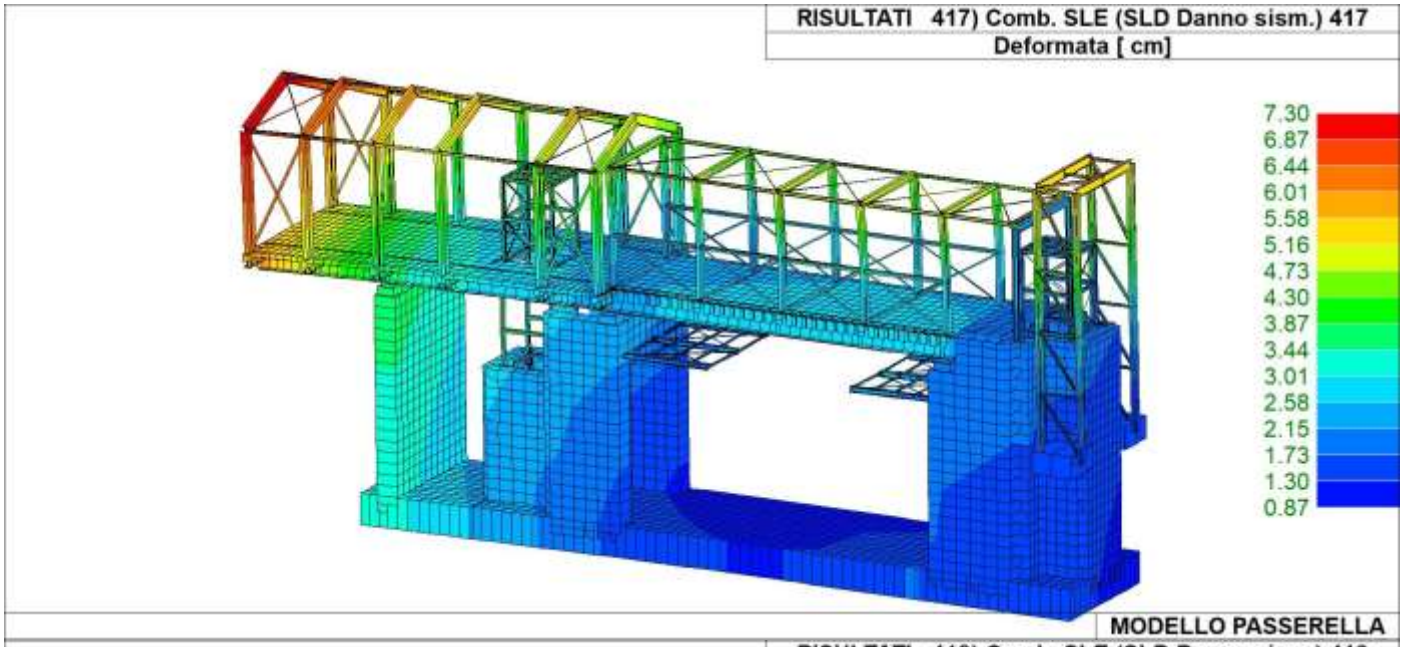

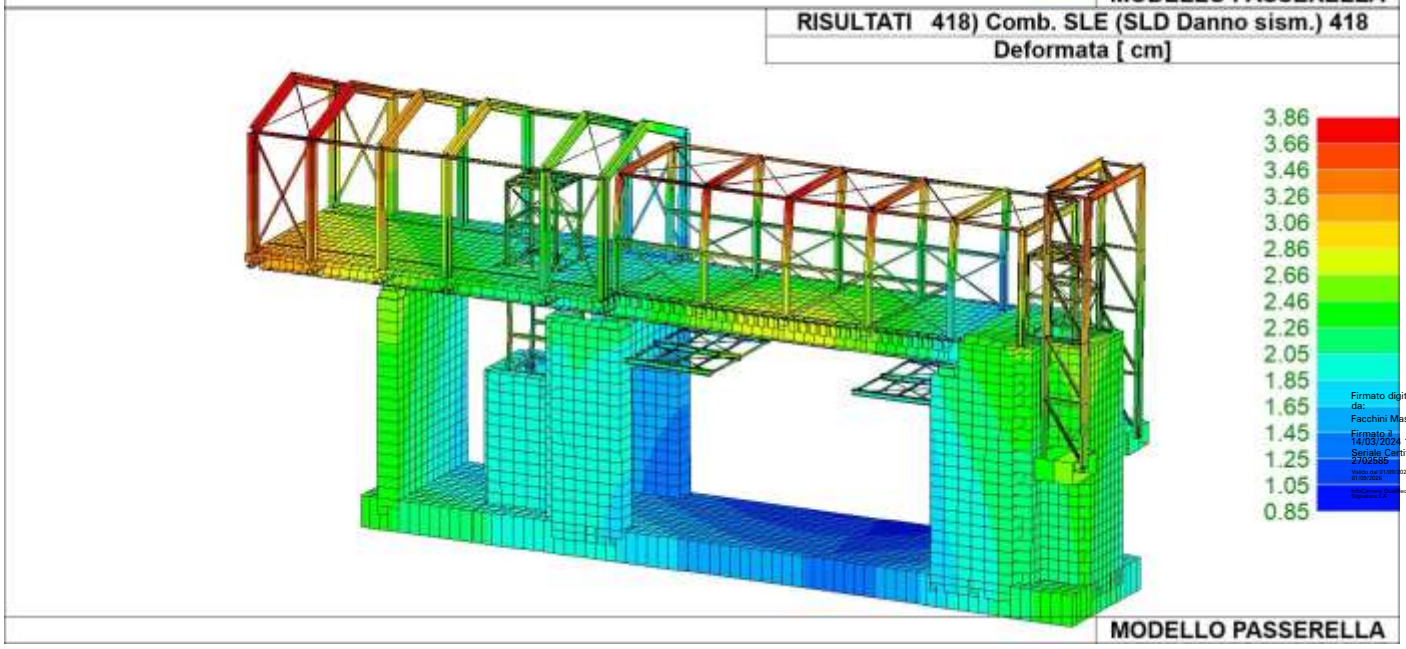

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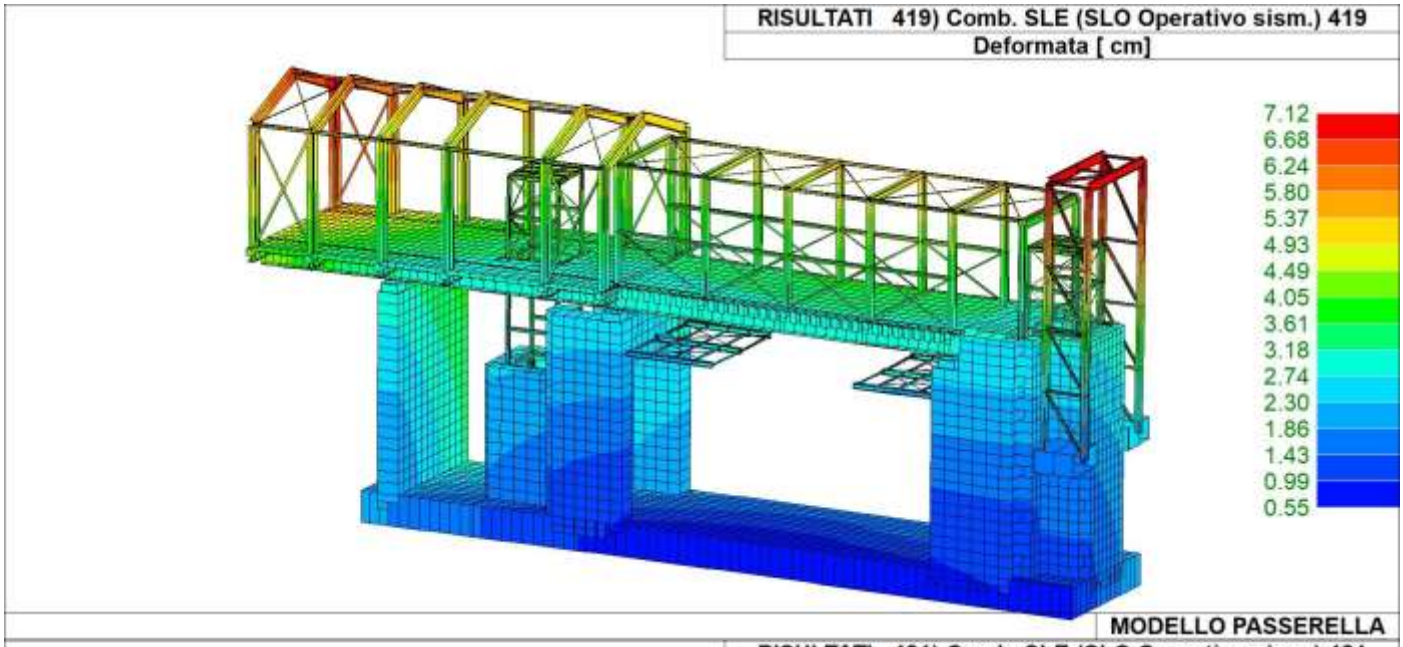

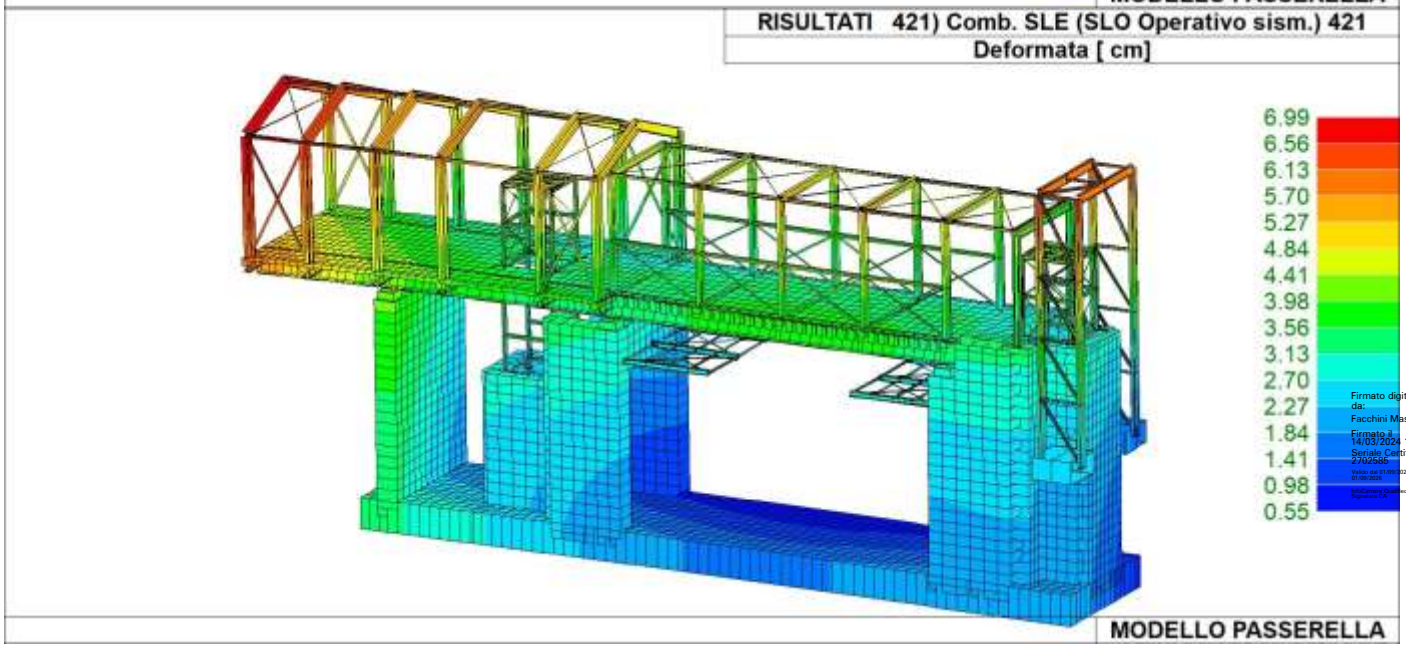

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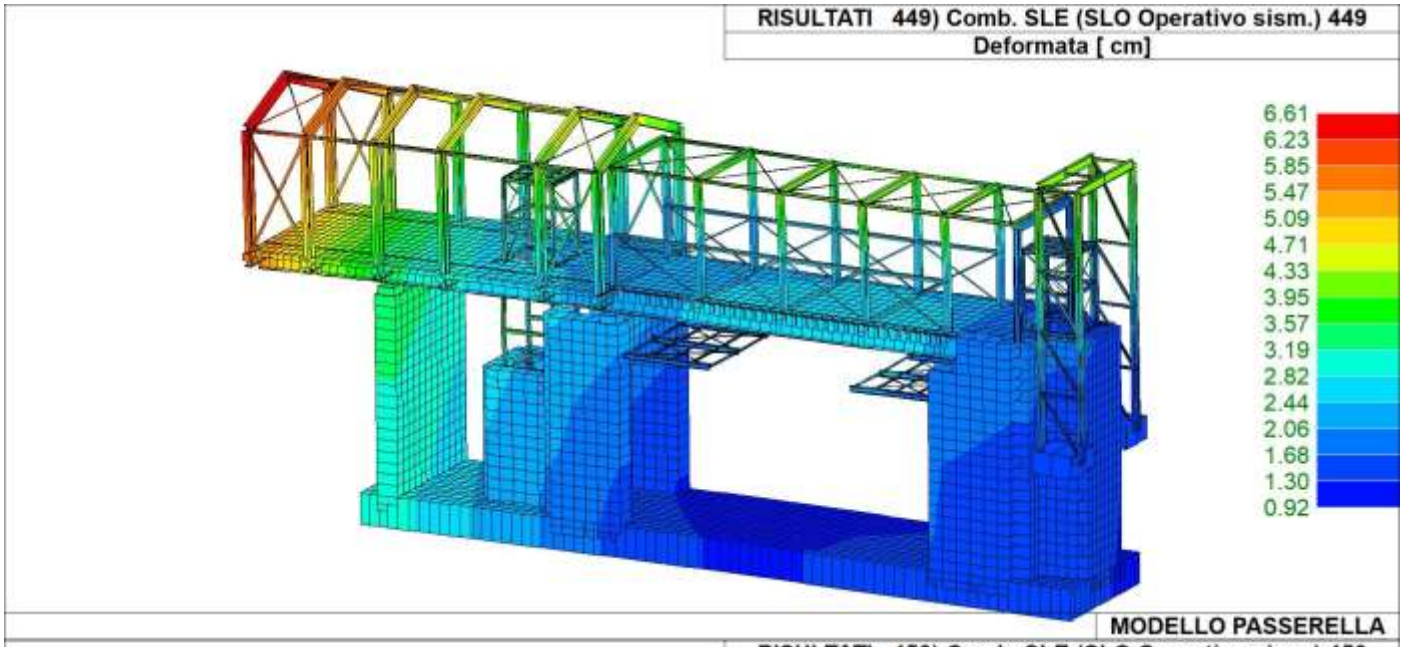

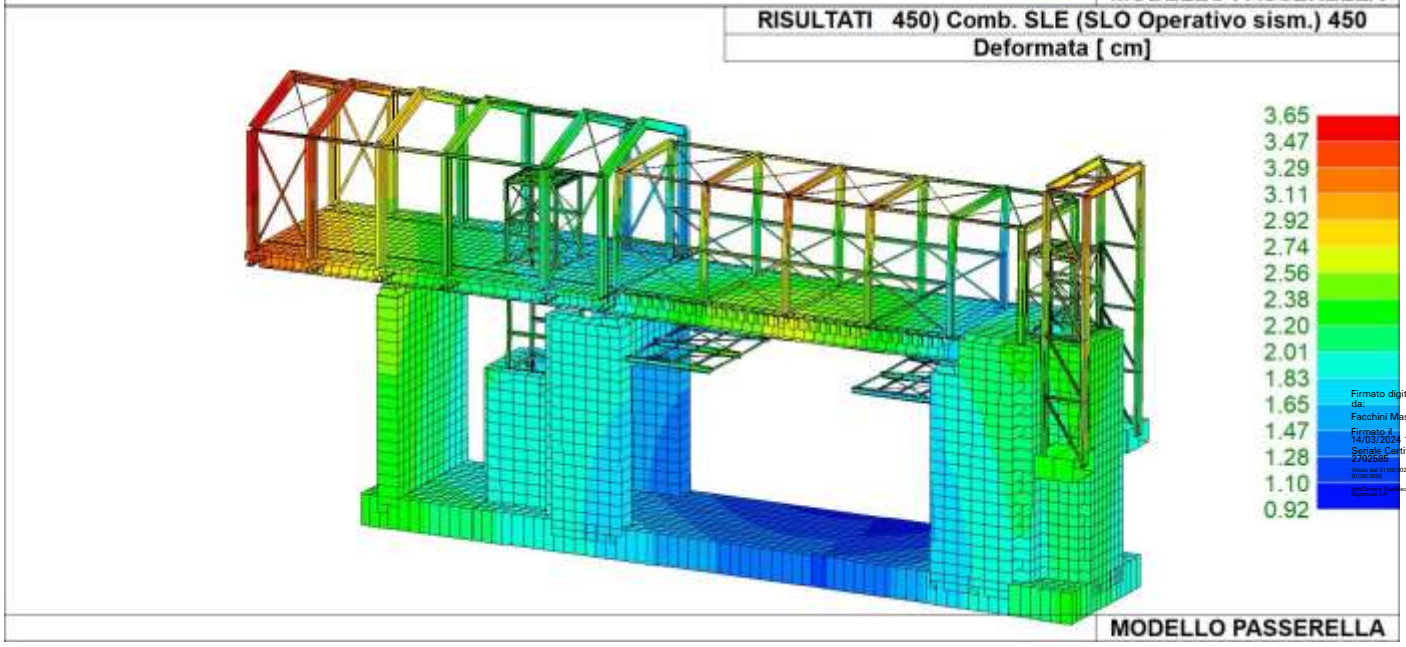

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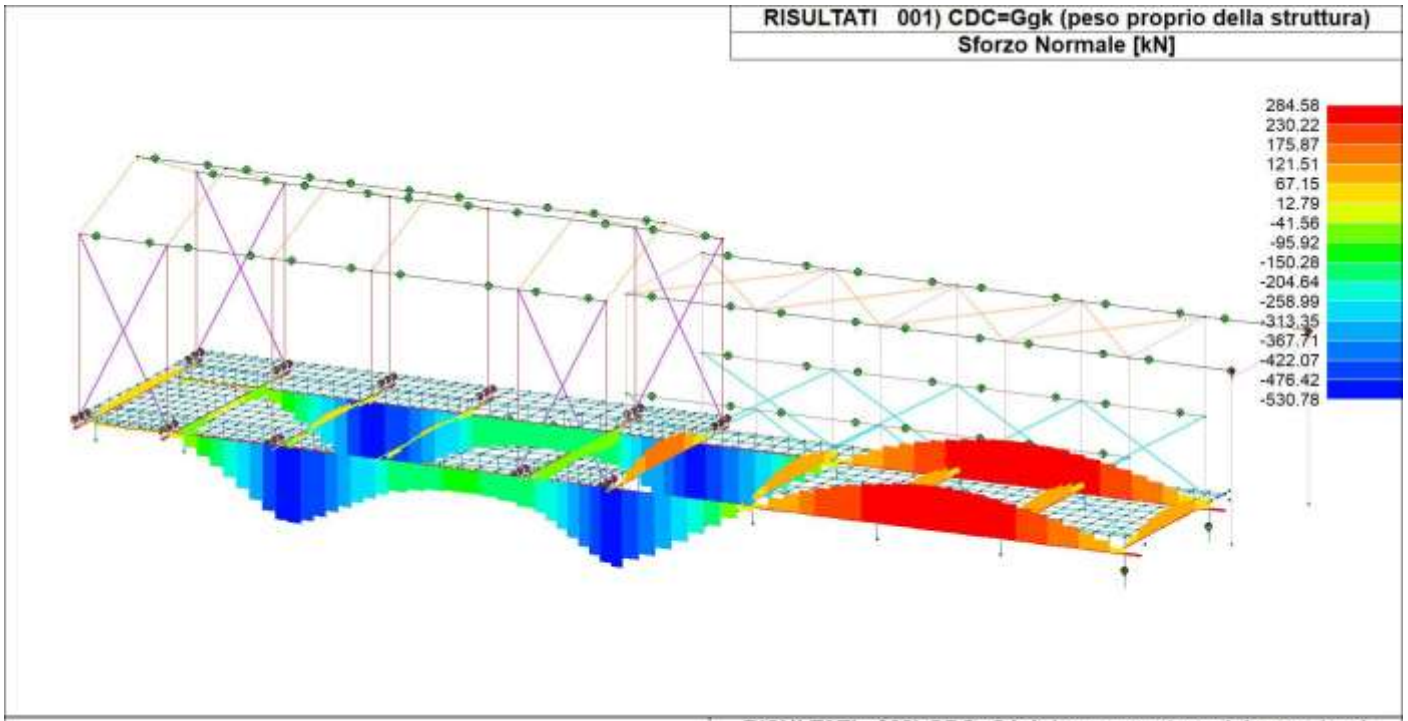
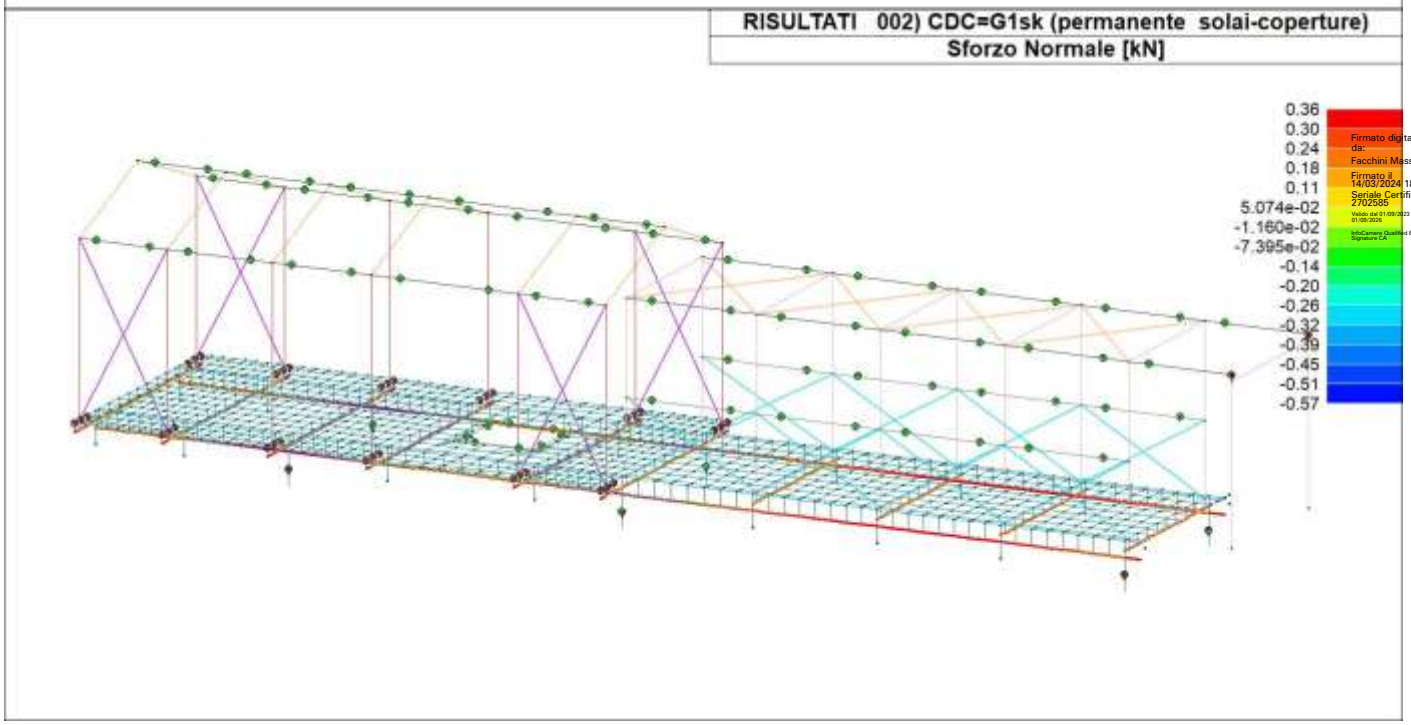
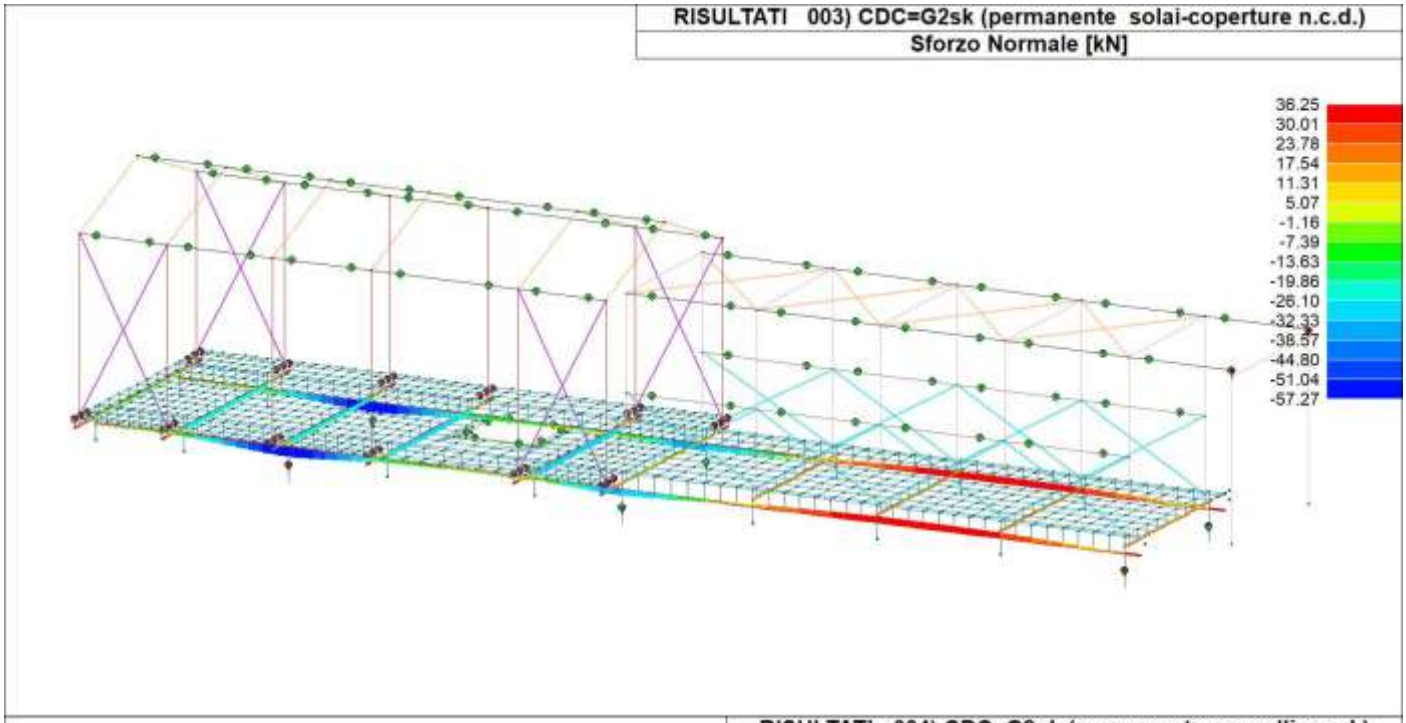
10.4 DIAGRAMMI SOLLECITAZIONI

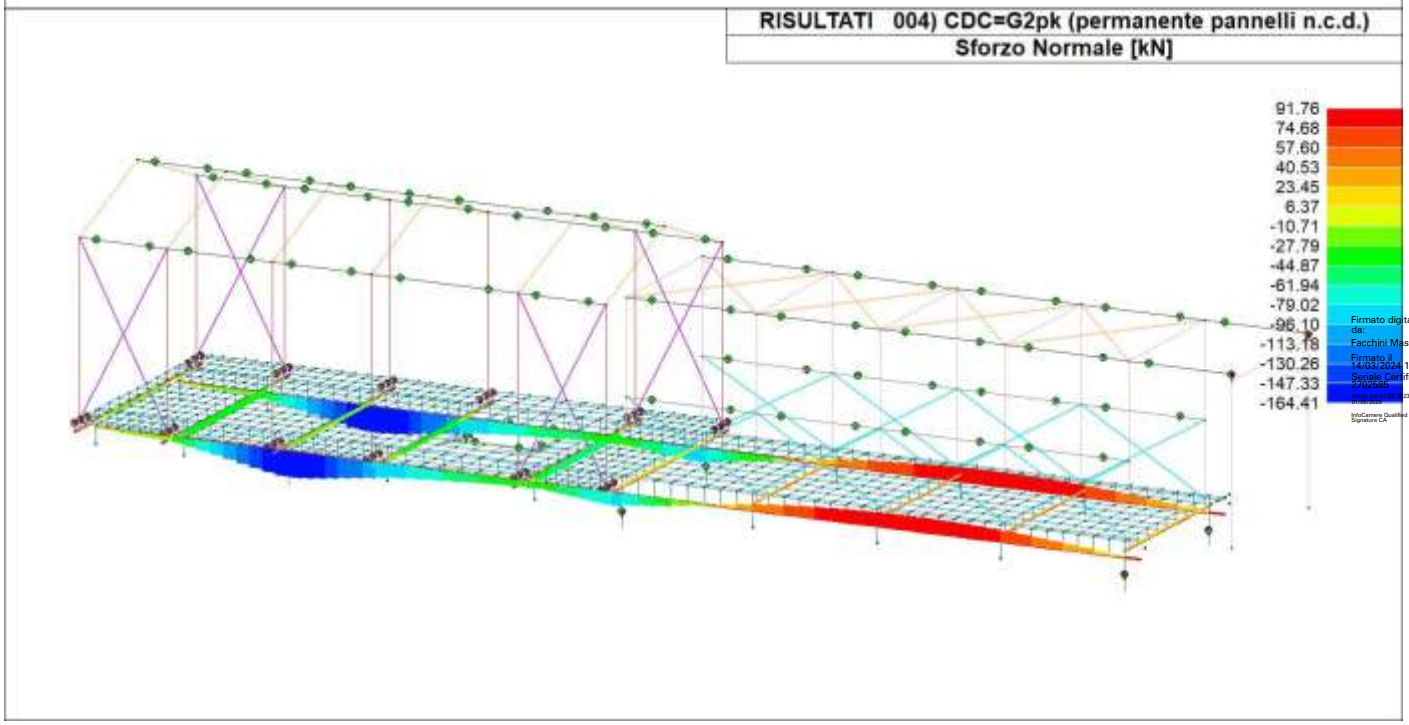
10.4.1 Sollecitazioni travi impalcato per casi di carico



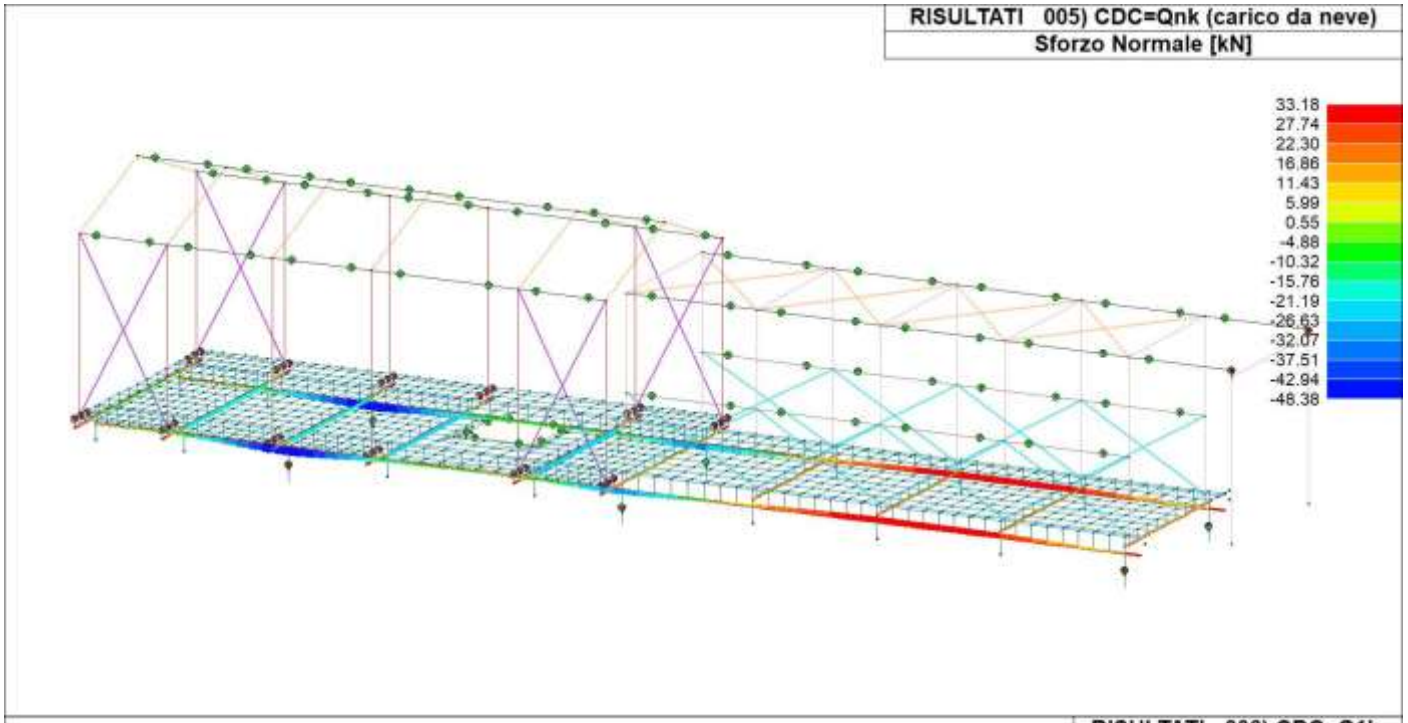


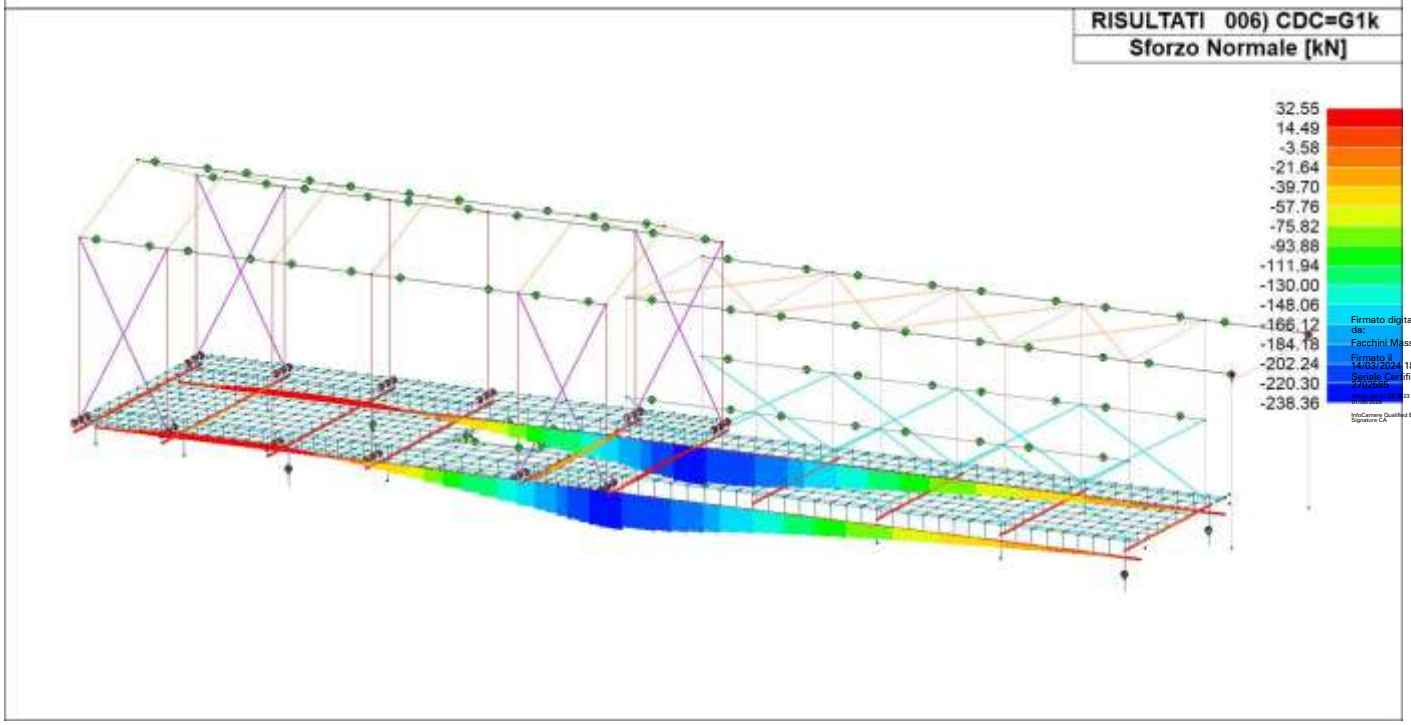


RISULTATI 003) CDC=G2sk (permanente solai-coperture n.c.d.)
Sforzo Normale [kN]
36.25
30.01
23.78
17.54
11.31
5.07
-1.16
-7.39
-13.63
-19.86
-26.10
-32.33
-38.57
-44.80
-51.04
-57.27



RISULTATI 004) CDC=G2pk (permanente pannelli n.c.d.)
Sforzo Normale [kN]
91.76
74.68
57.60
40.53
23.45
6.37
-10.71
-27.79
-44.87
-61.94
-79.02
-96.10
-113.18
-130.26
-147.33
-164.41





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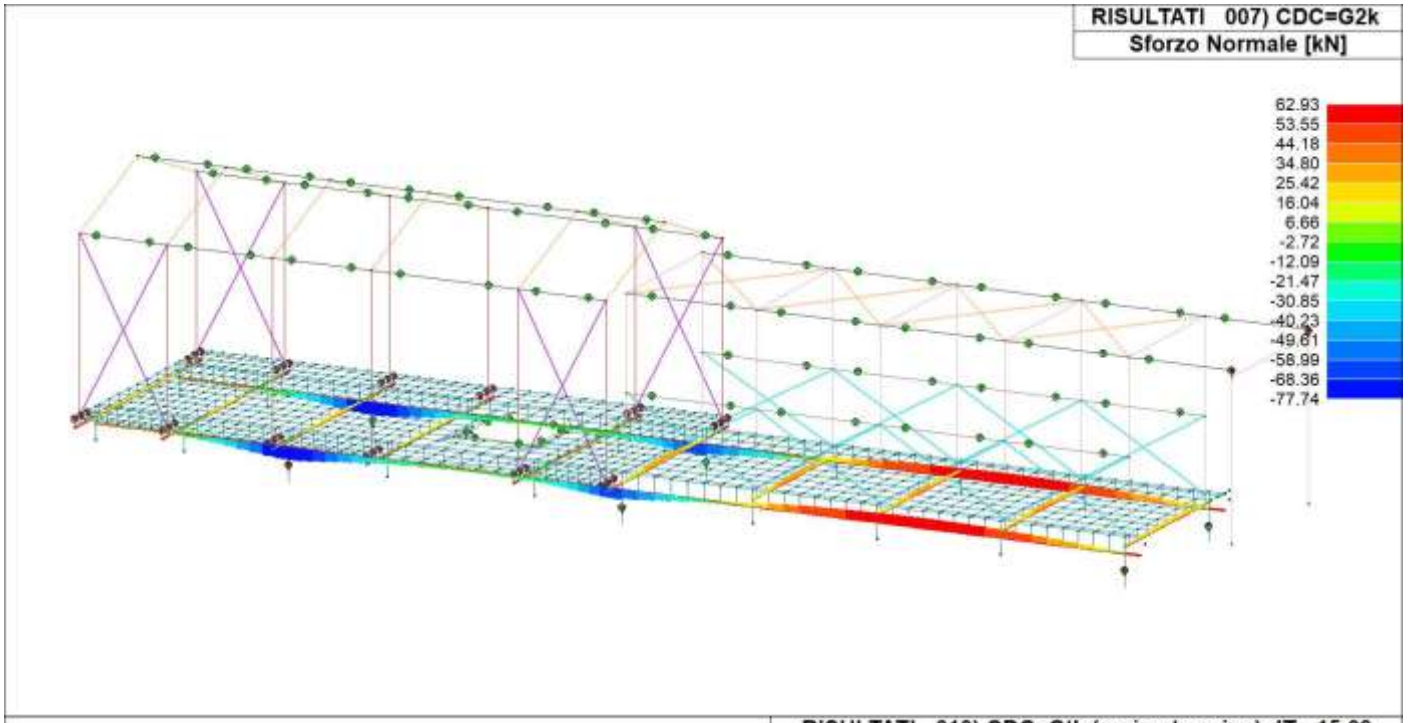

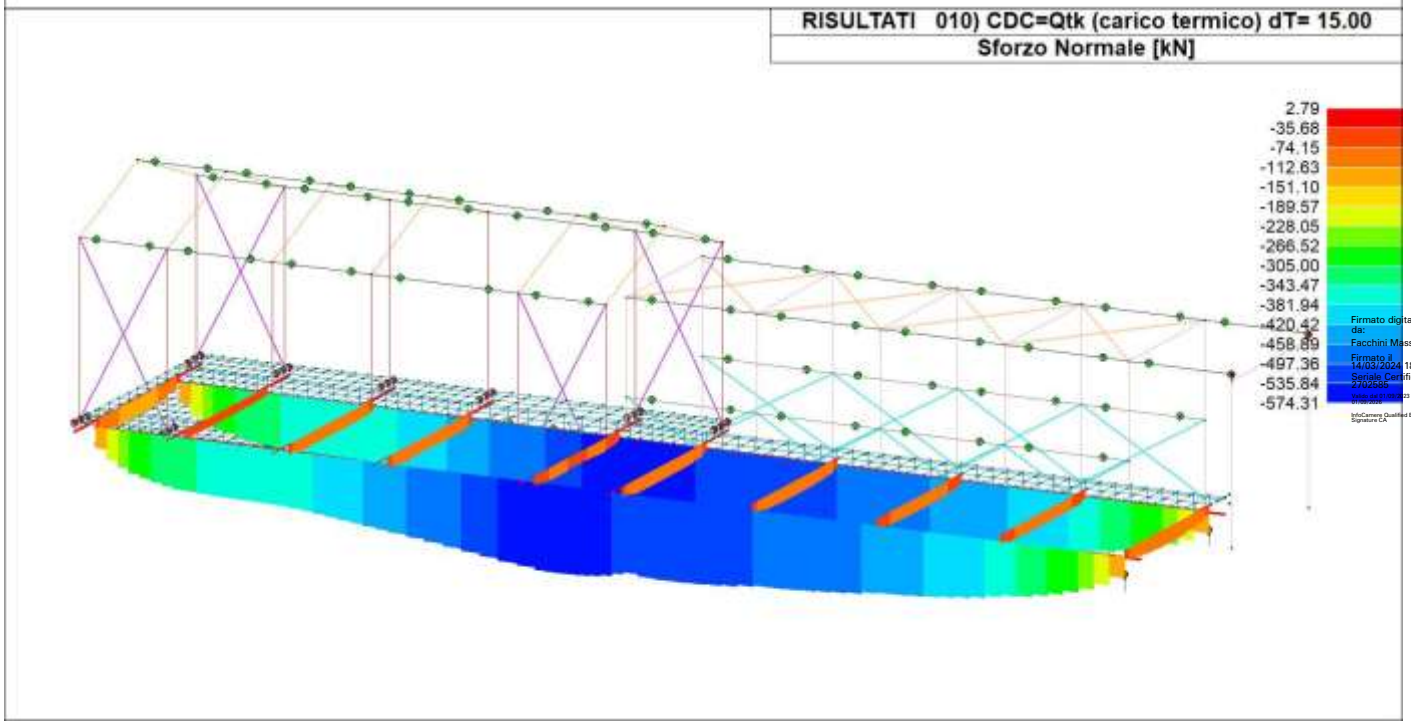

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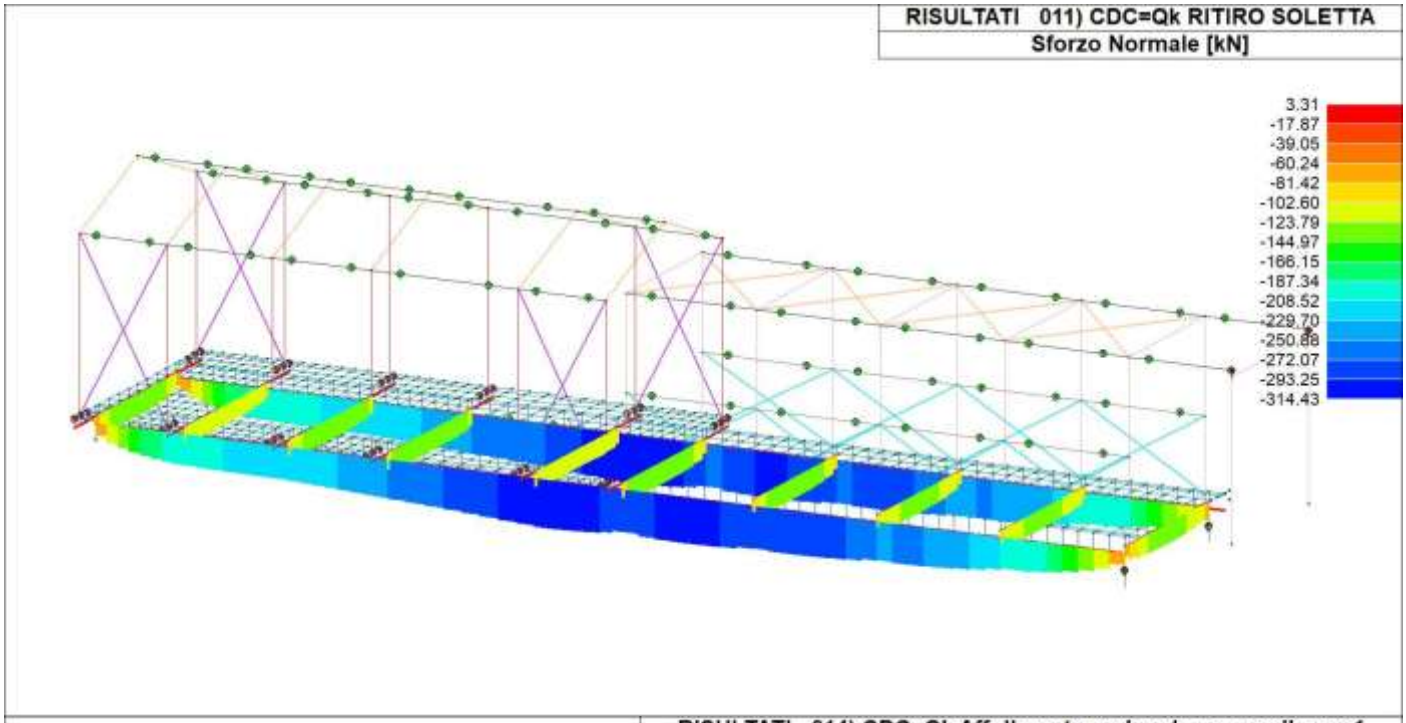
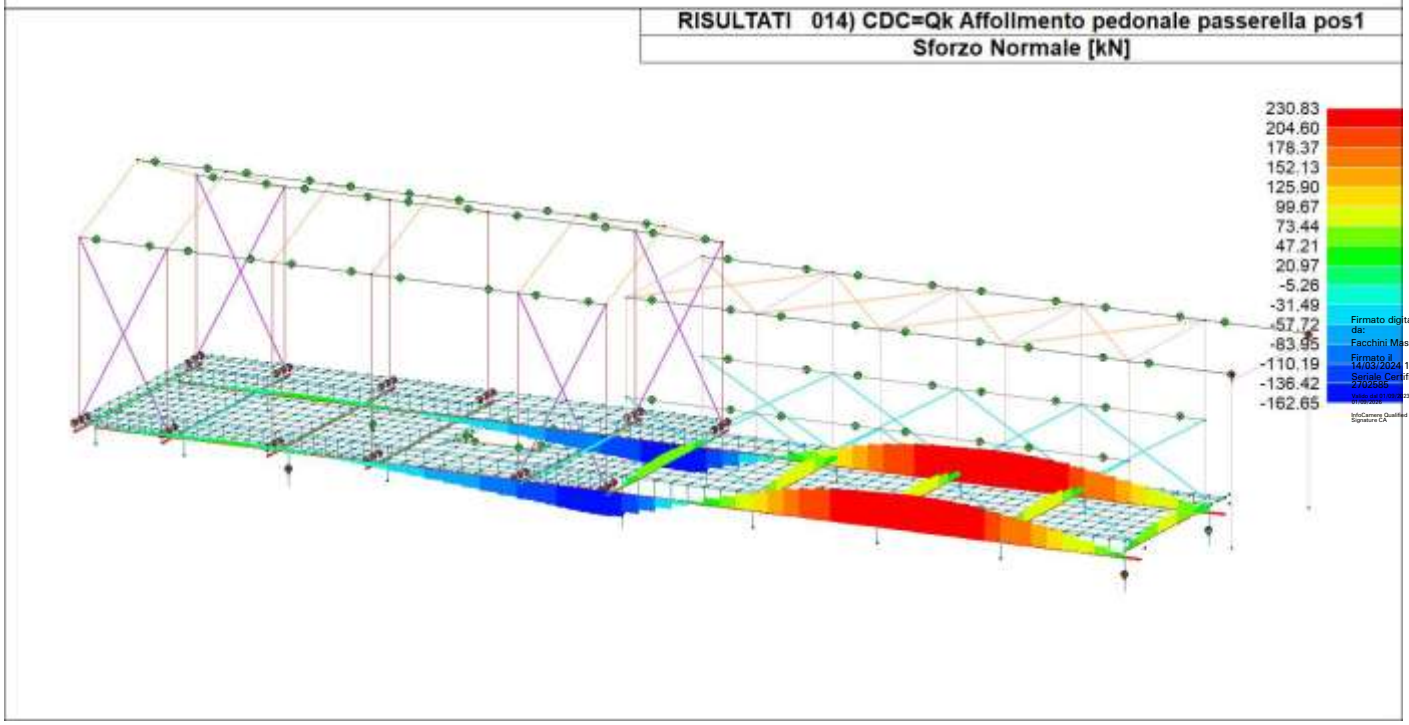
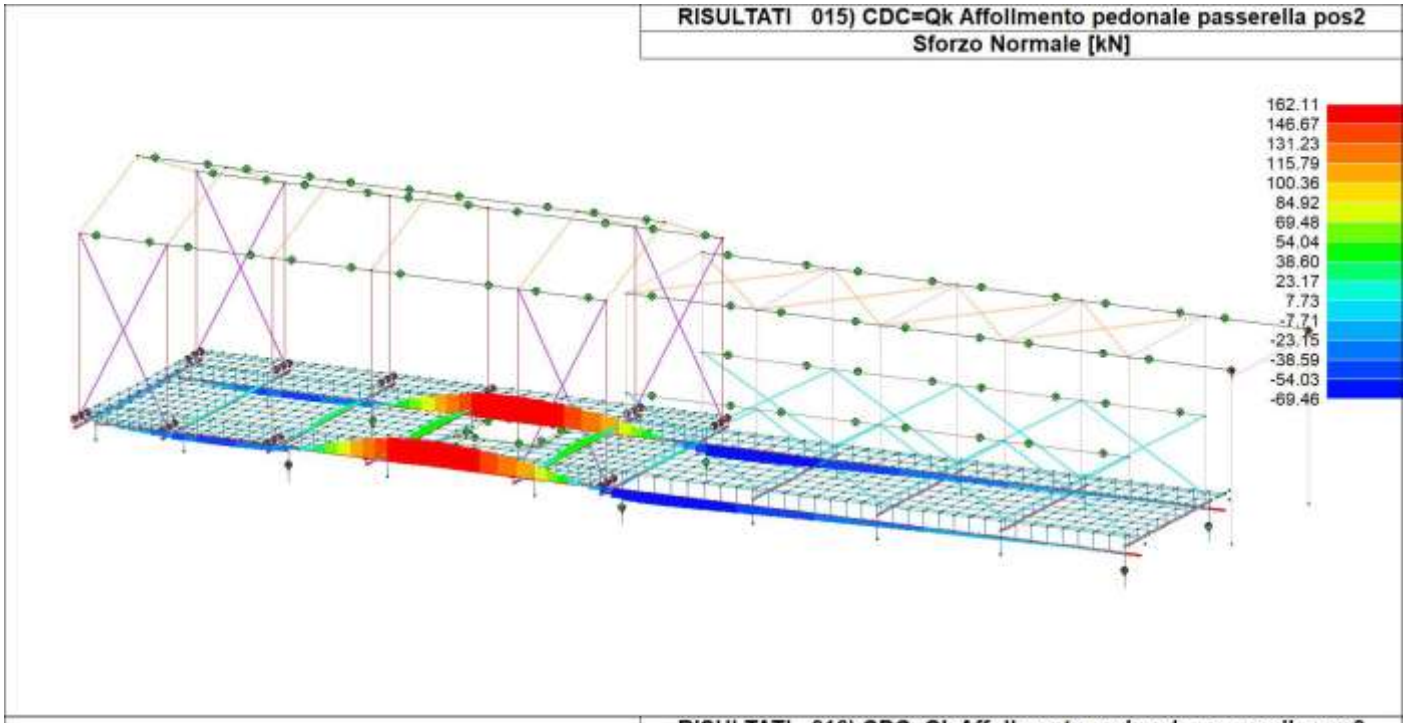
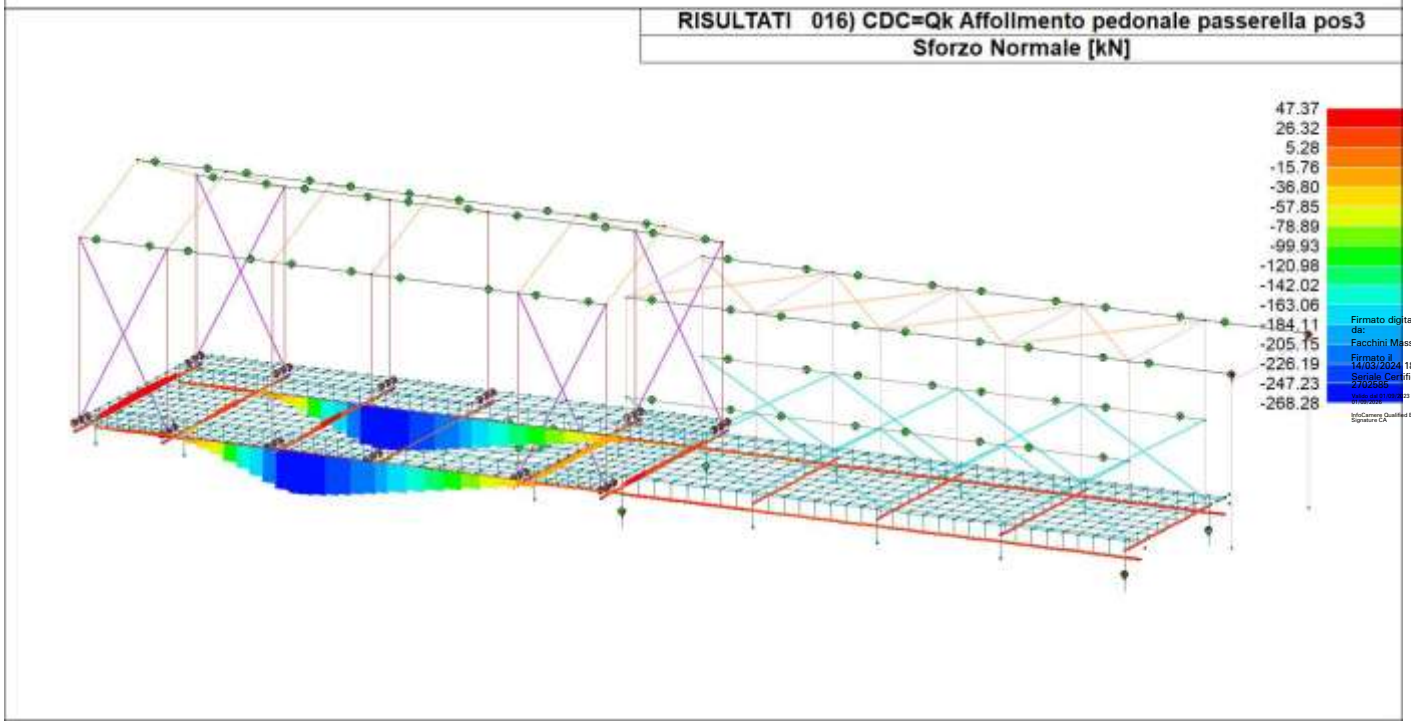


RISULTATI 011) CDC=Qk RITIRO SOLETTA
Sforzo Normale [kN]
3.31
-17.87
-39.05
-60.24
-81.42
-102.60
-123.79
-144.97
-166.15
-187.34
-208.52
-229.70
-250.88
-272.07
-293.25
-314.43



RISULTATI 014) CDC=Qk Affollmento pedonale passerella pos1
Sforzo Normale [kN]
230.83
204.60
178.37
152.13
125.90
99.67
73.44
47.21
20.97
-5.26
-31.49
-57.72
-83.95
-110.19
-136.42
-162.65





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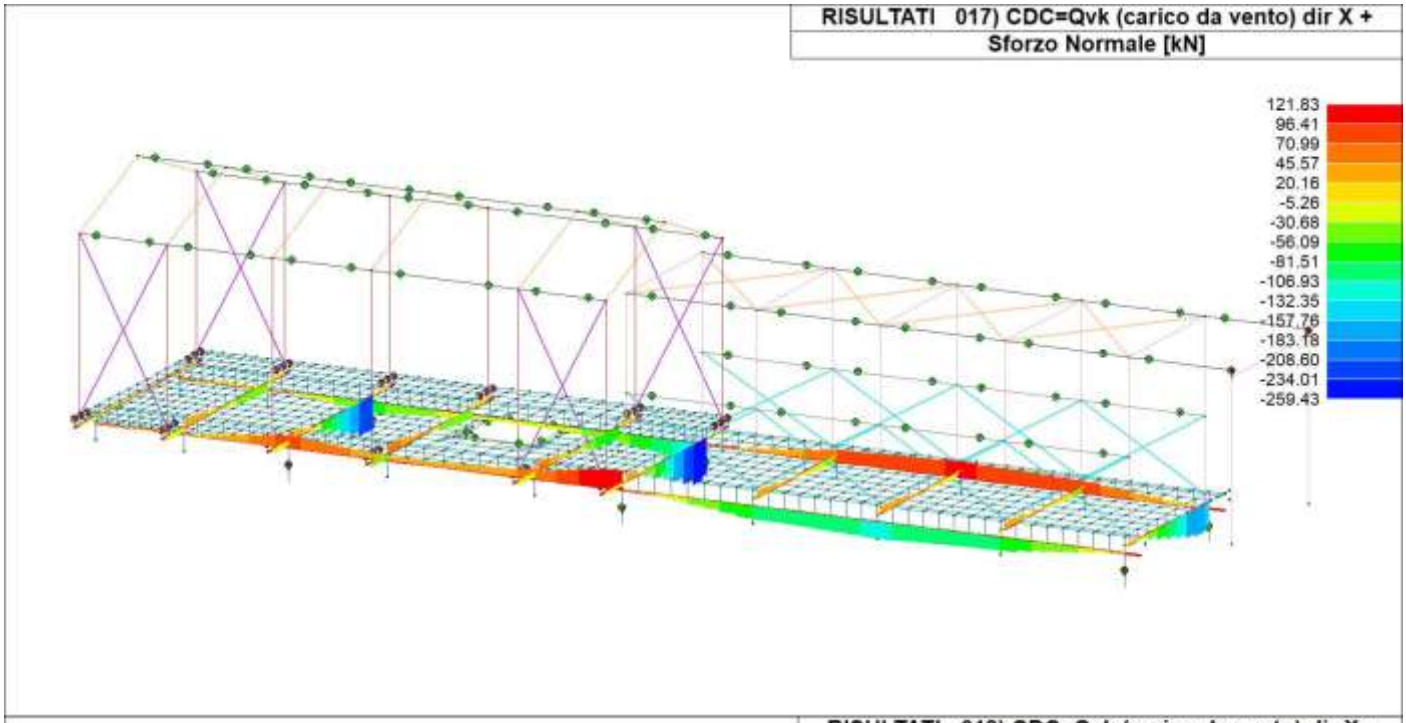

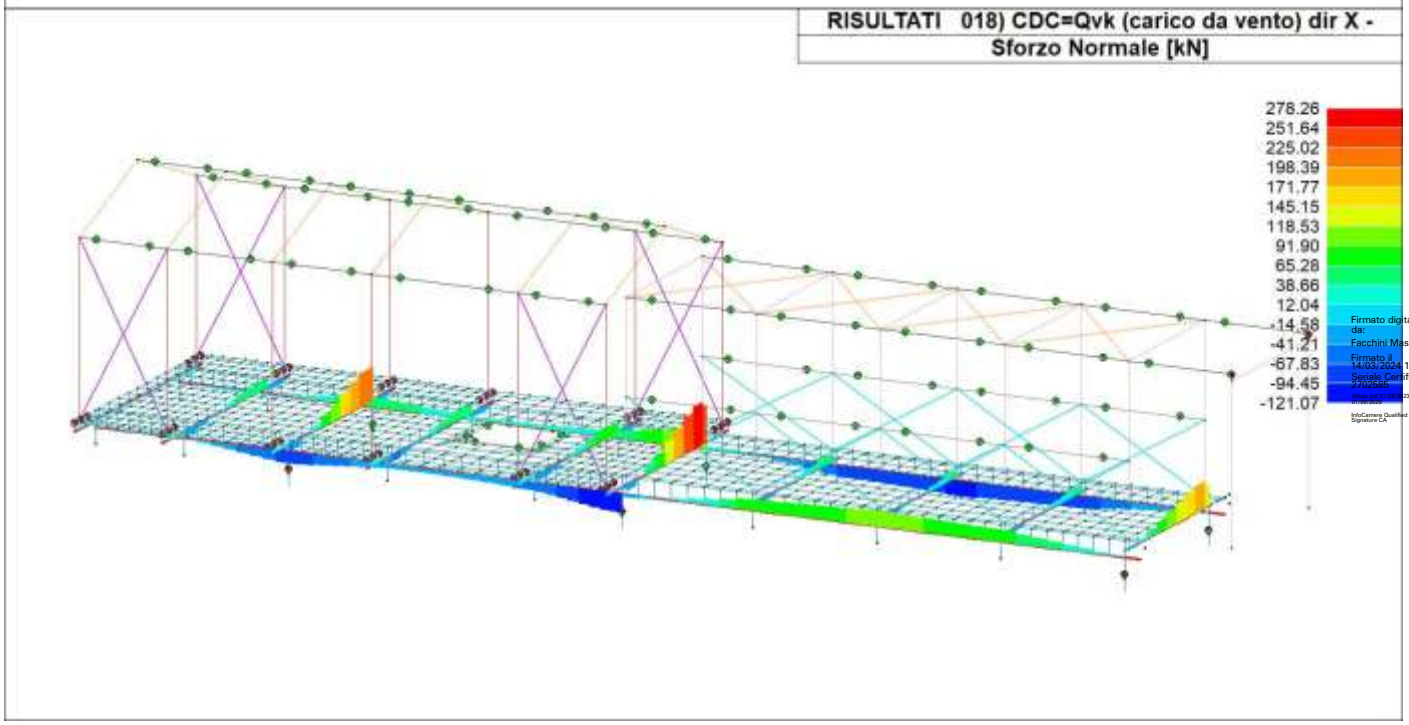

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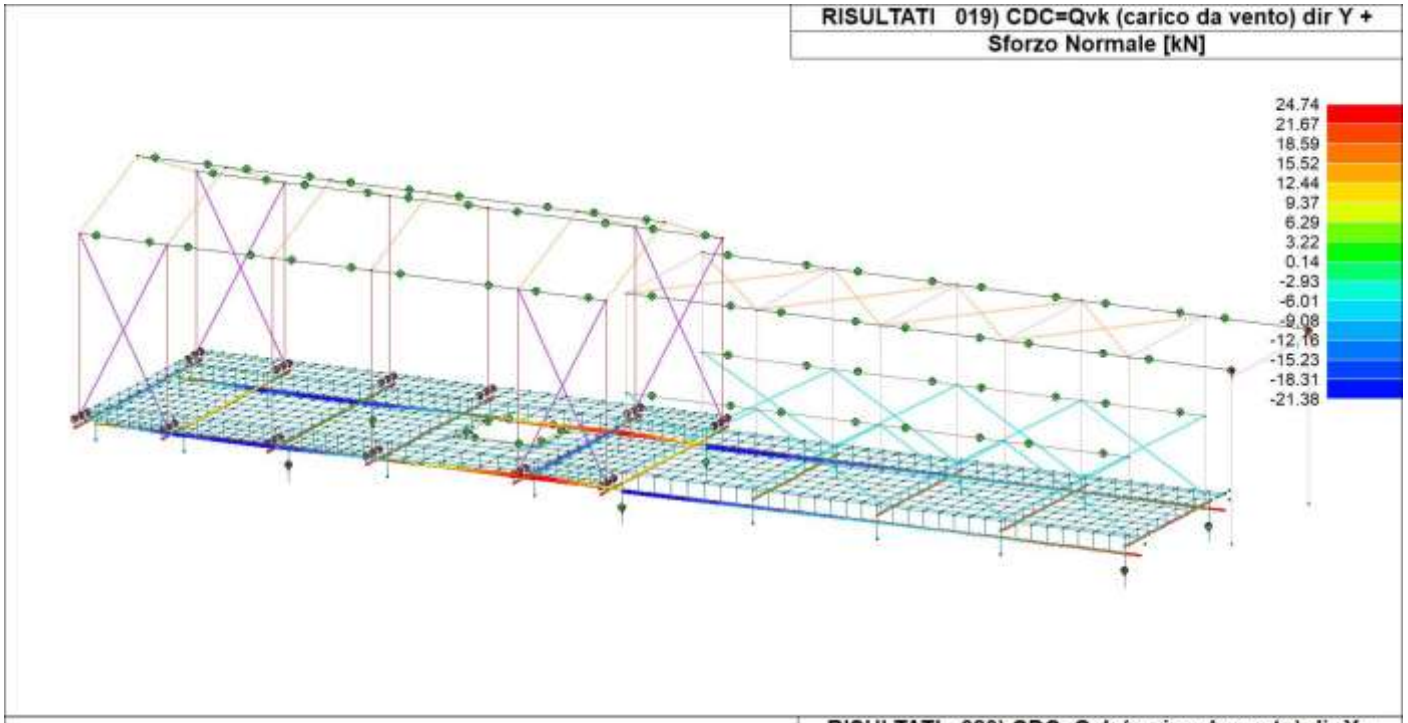
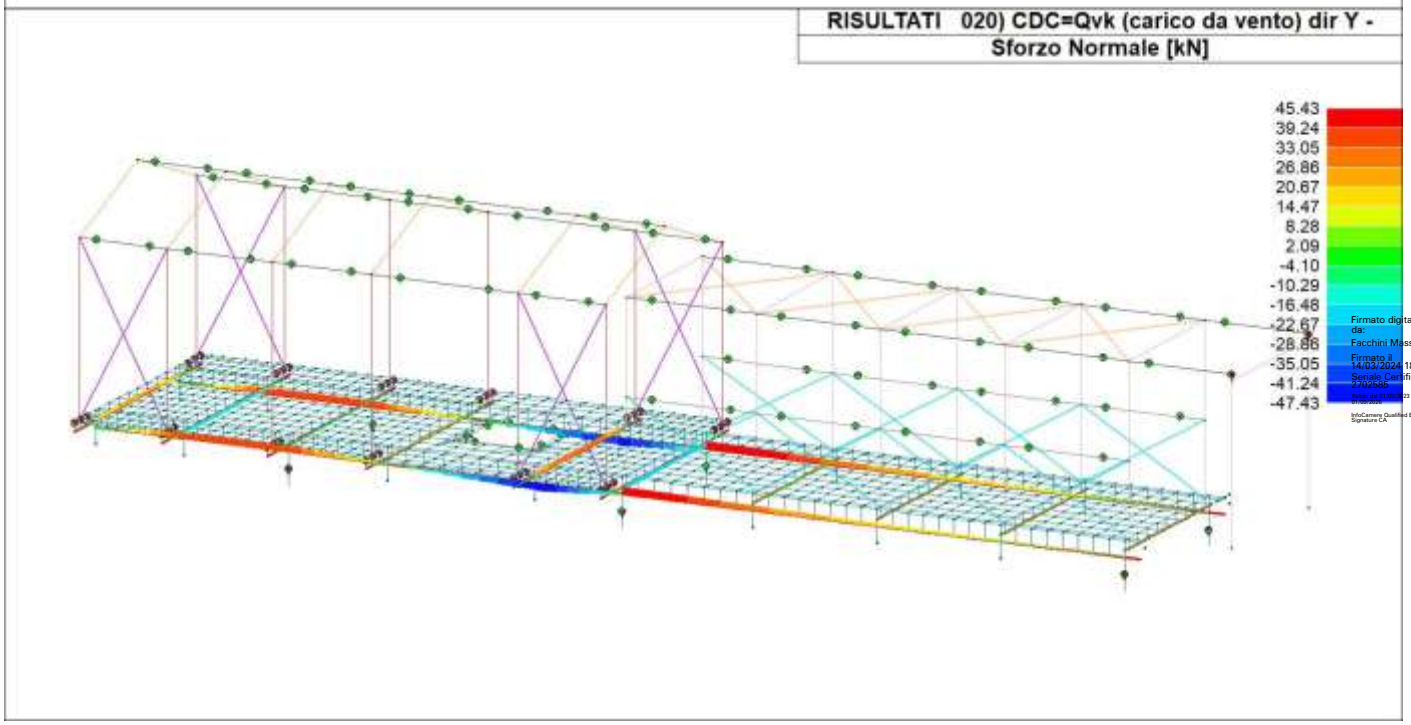
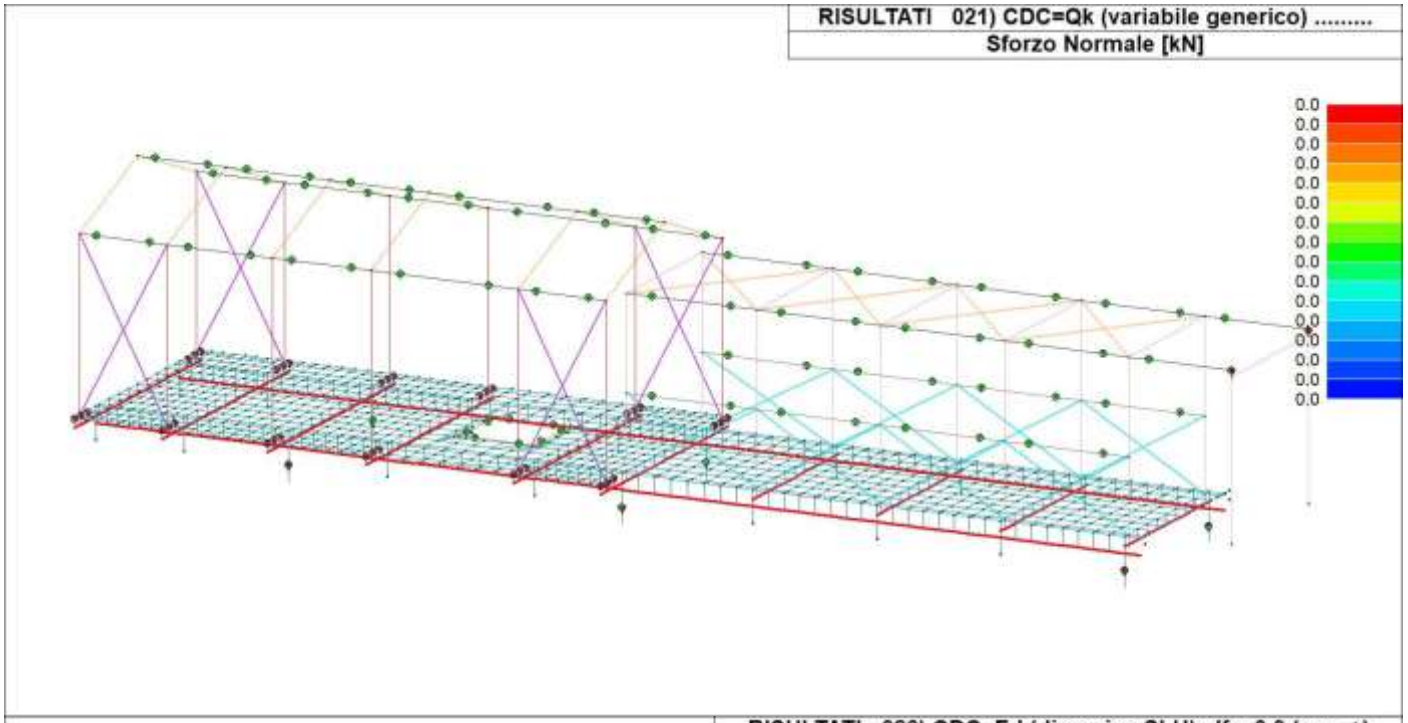
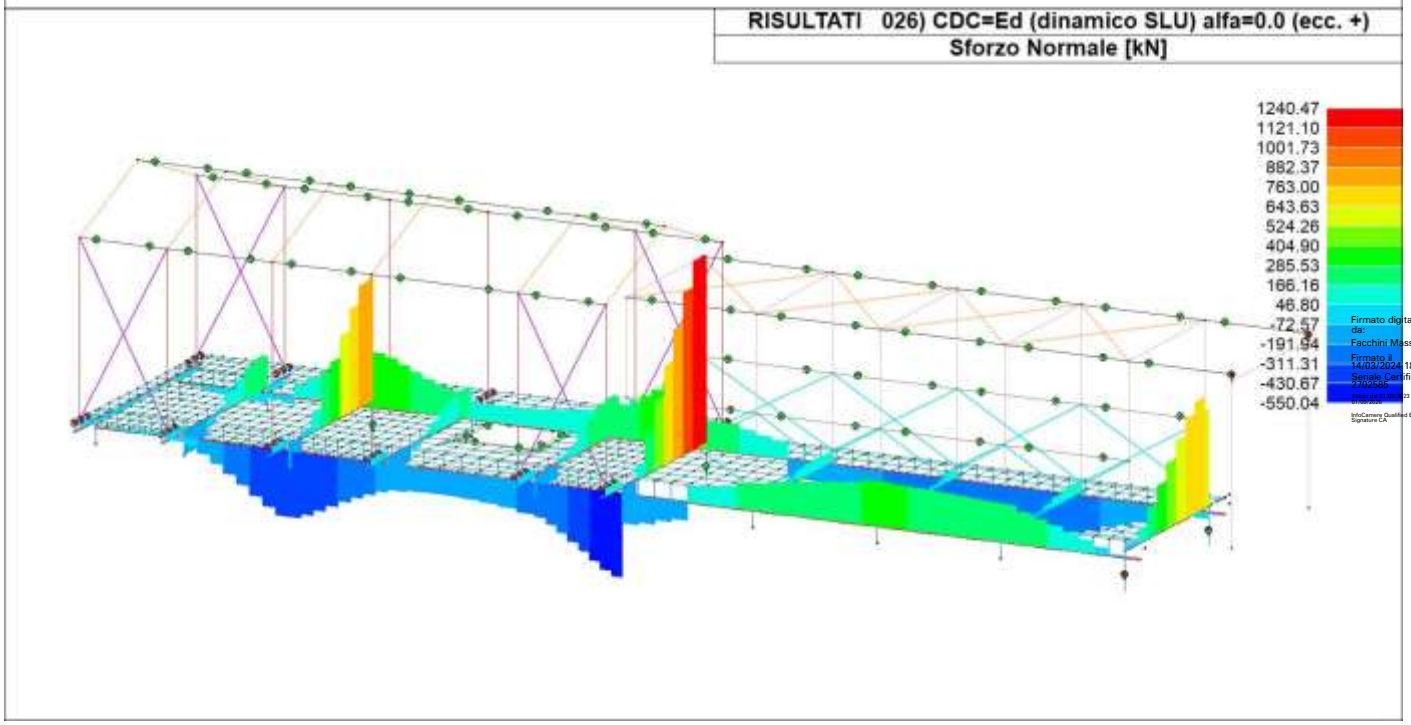


RISULTATI 019) CDC=Qvk (carico da vento) dir Y +
Sforzo Normale [kN]
24.74
21.67
18.59
15.52
12.44
9.37
6.29
3.22
0.14
-2.93
-6.01
-9.08
-12.16
-15.23
-18.31
-21.38



RISULTATI 020) CDC=Qvk (carico da vento) dir Y -
Sforzo Normale [kN]
45.43
39.24
33.05
26.86
20.67
14.47
8.28
2.09
-4.10
-10.29
-16.48
-22.67
-28.86
-35.05
-41.24
-47.43





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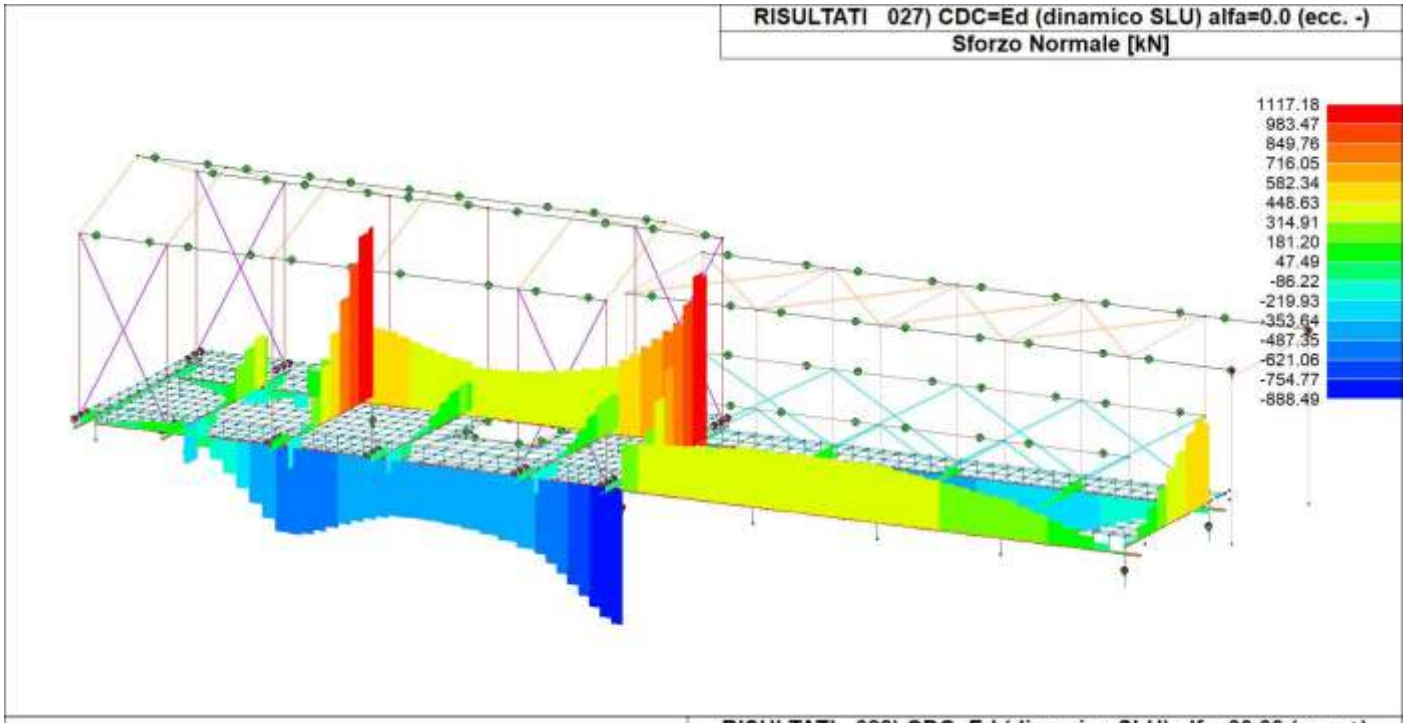

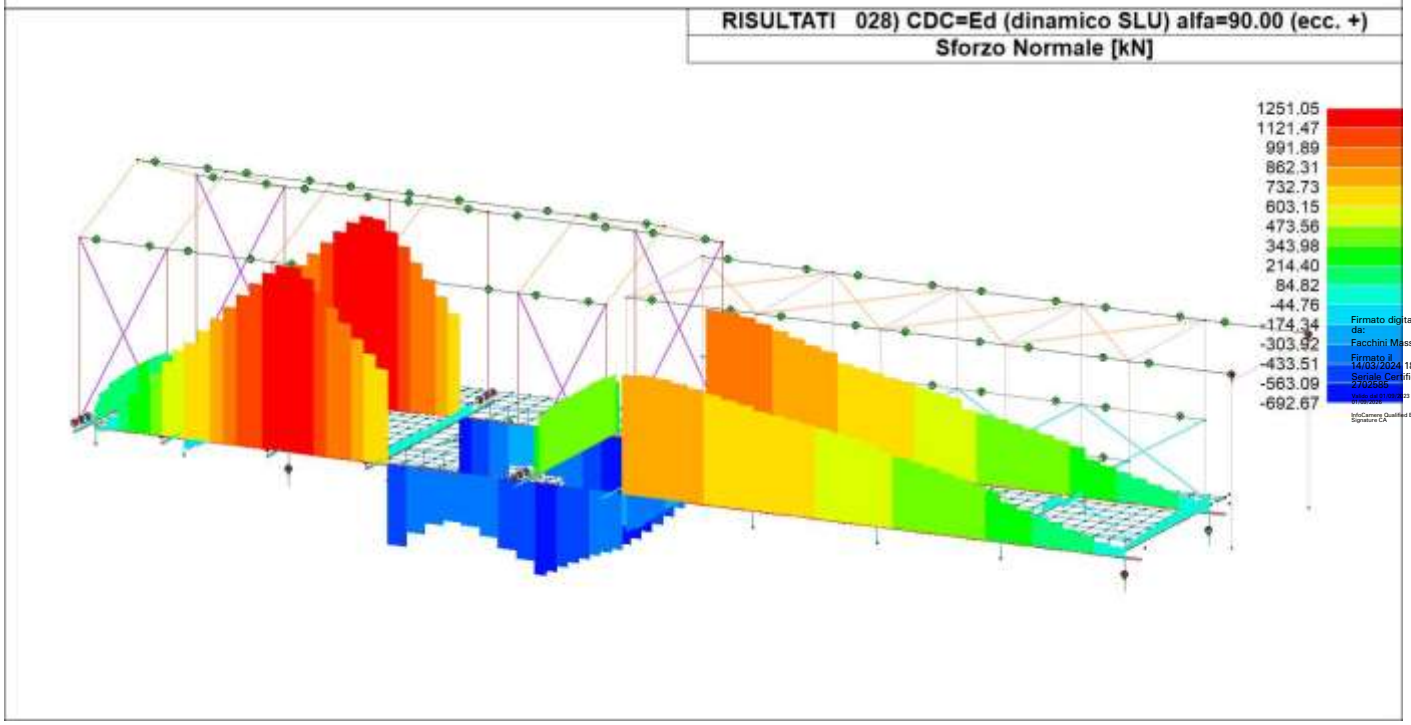

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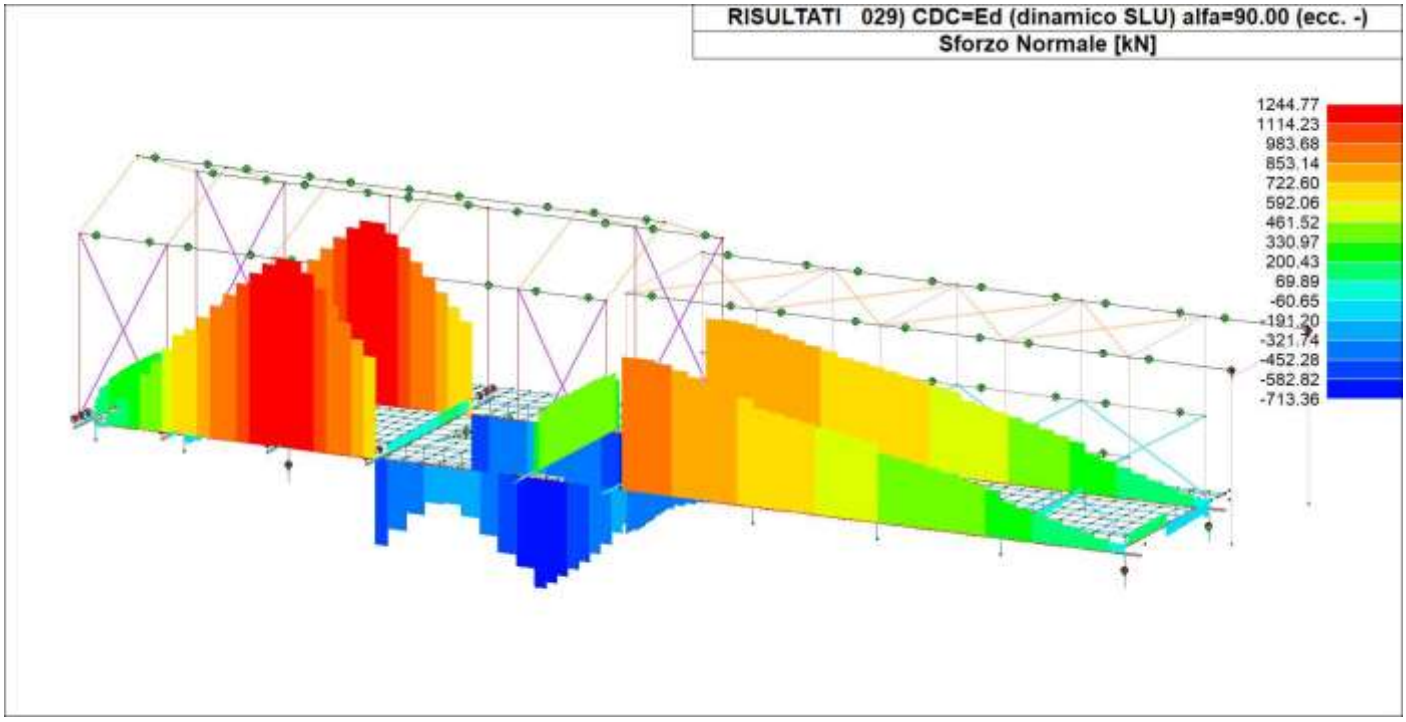

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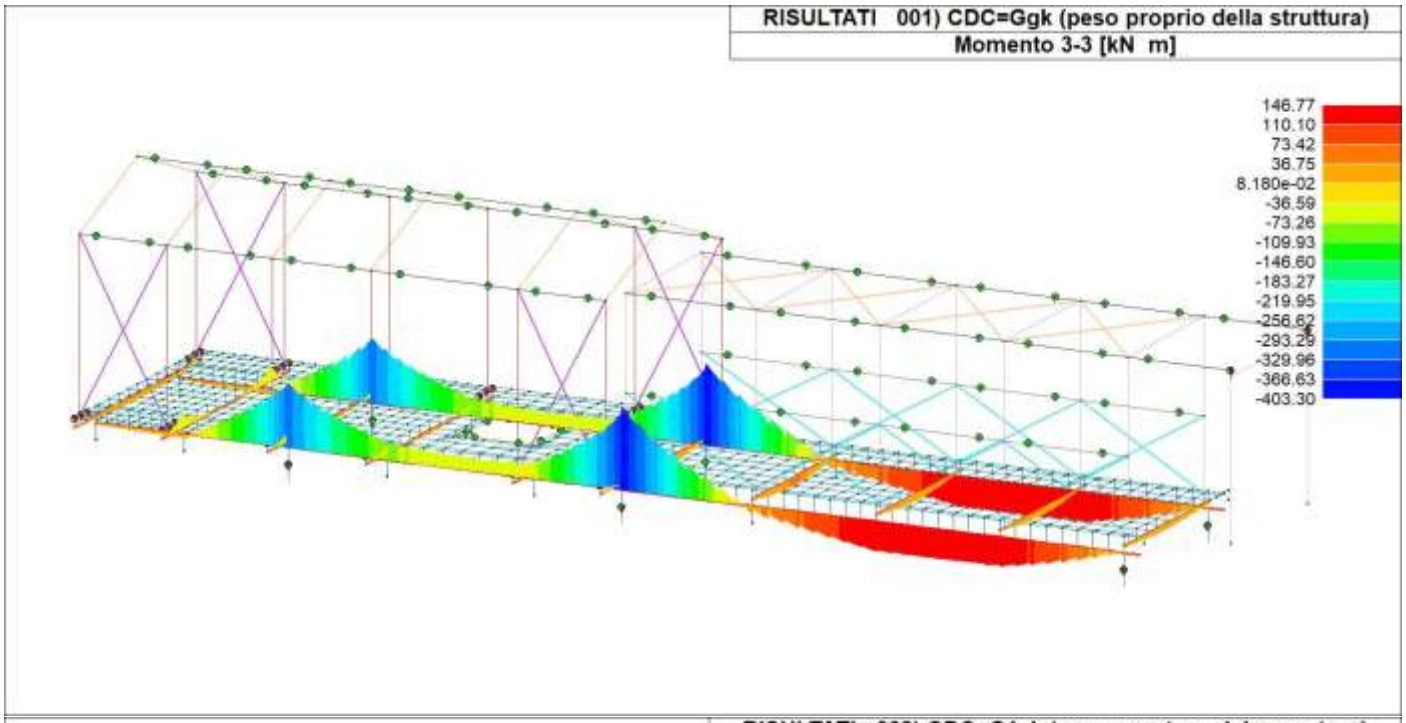

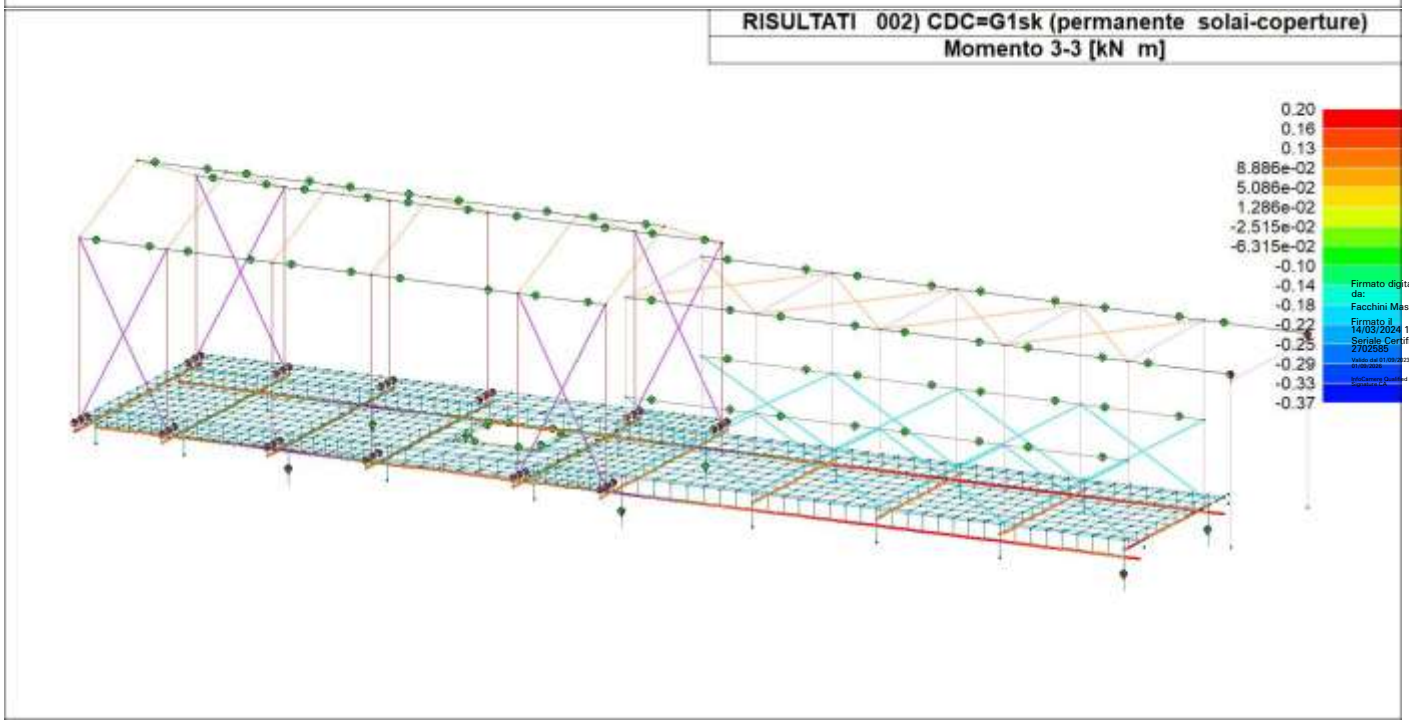

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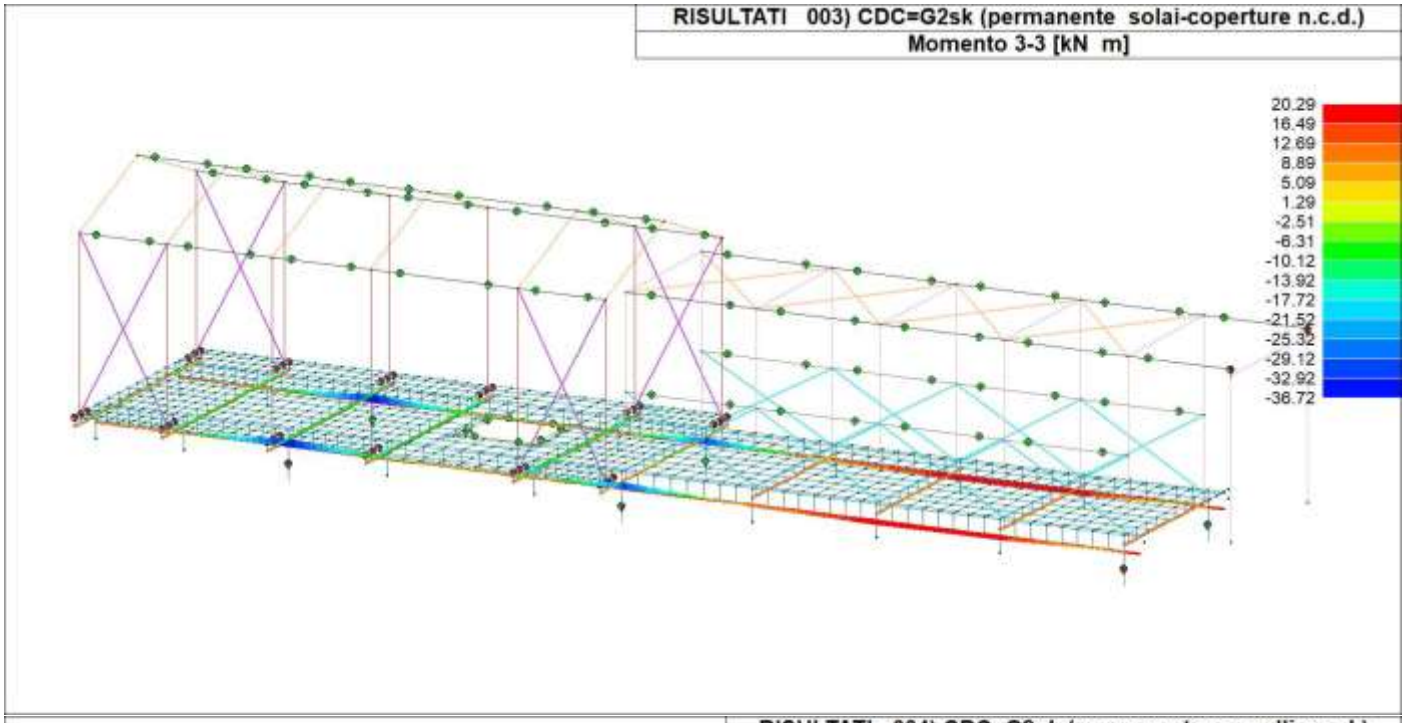

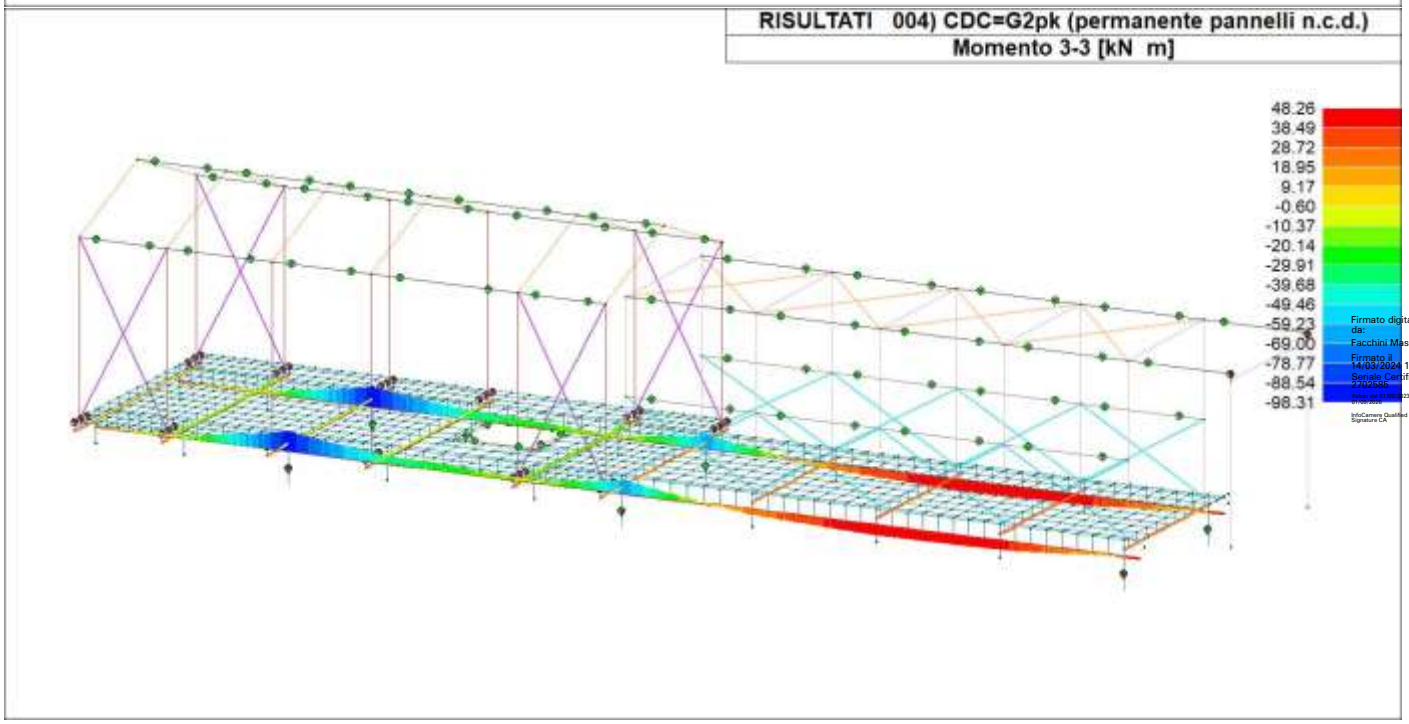

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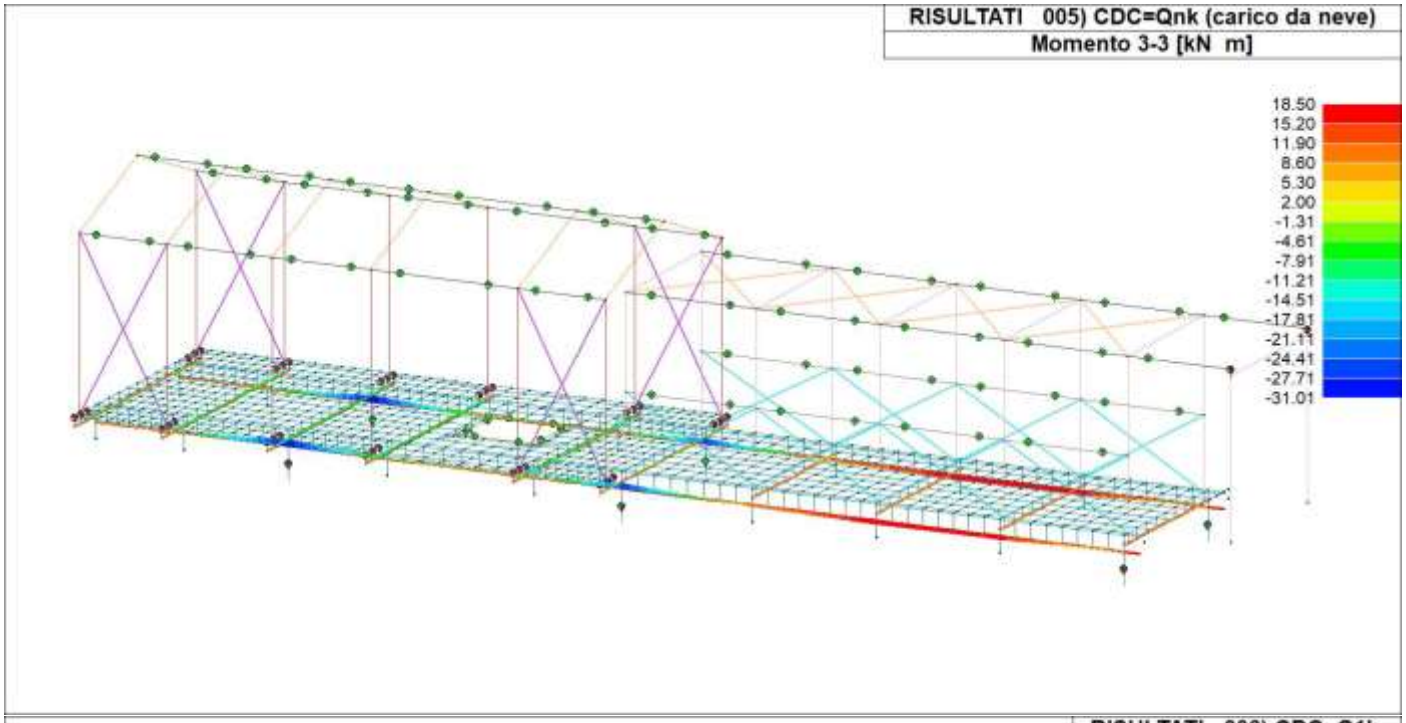

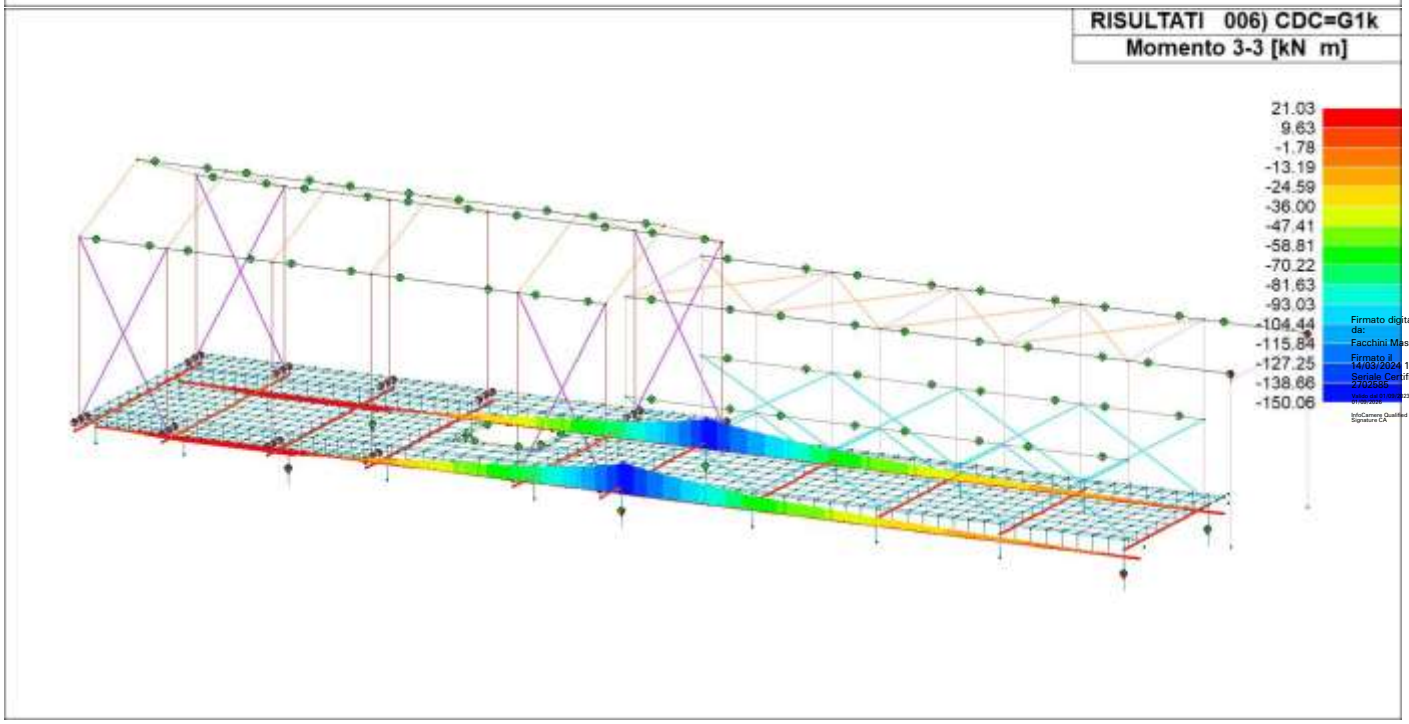

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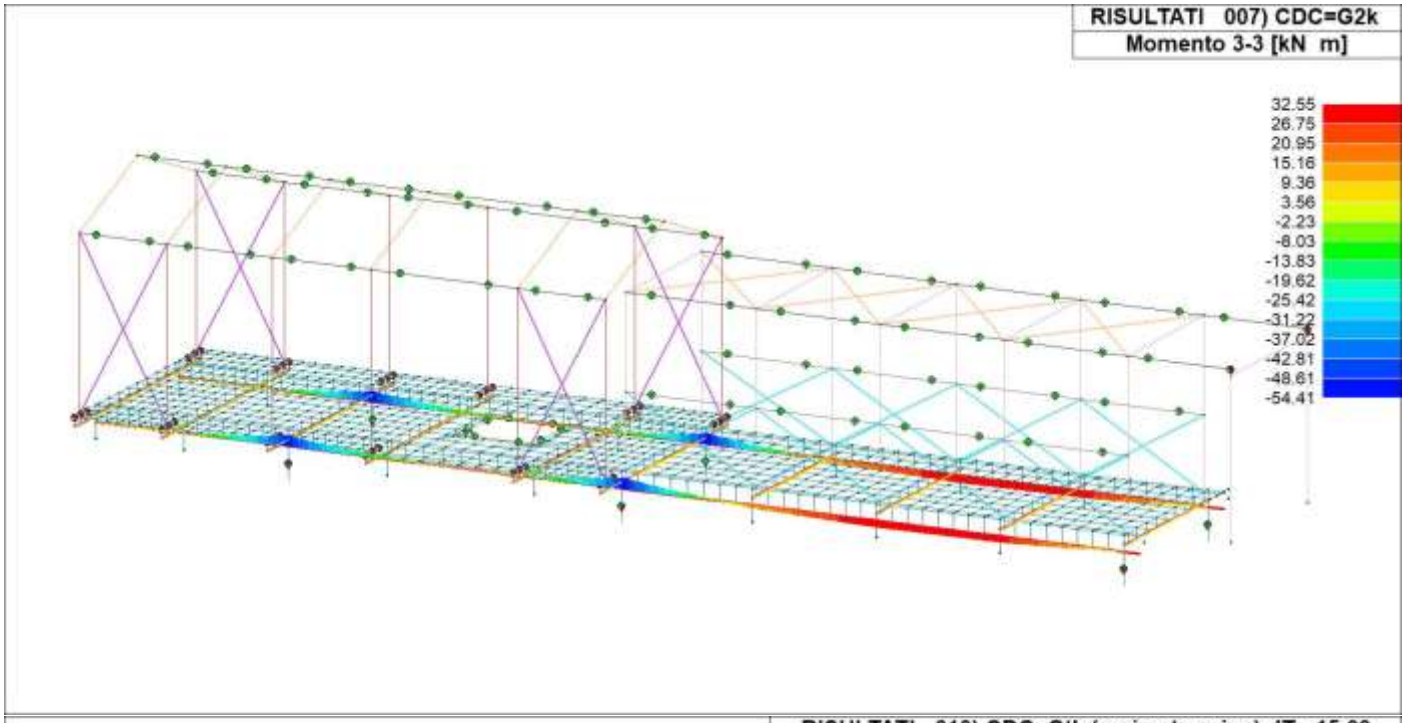

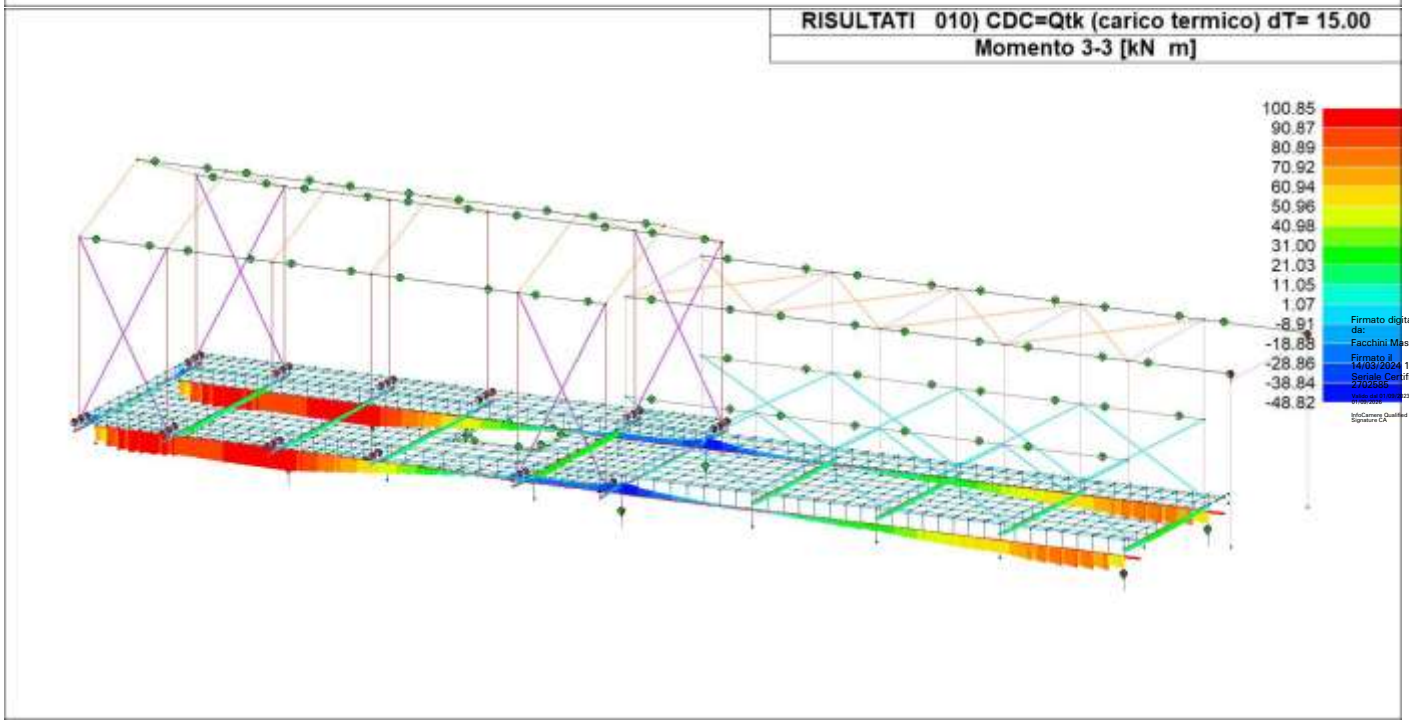

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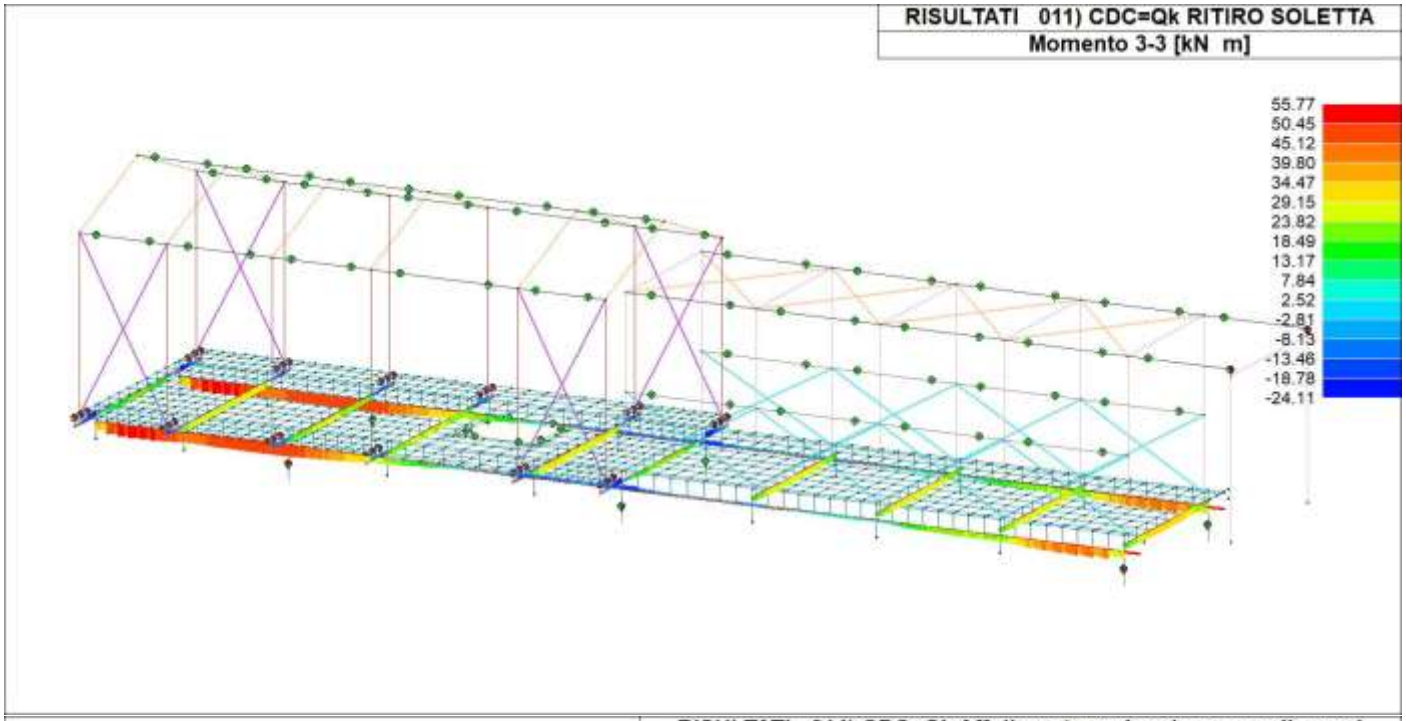
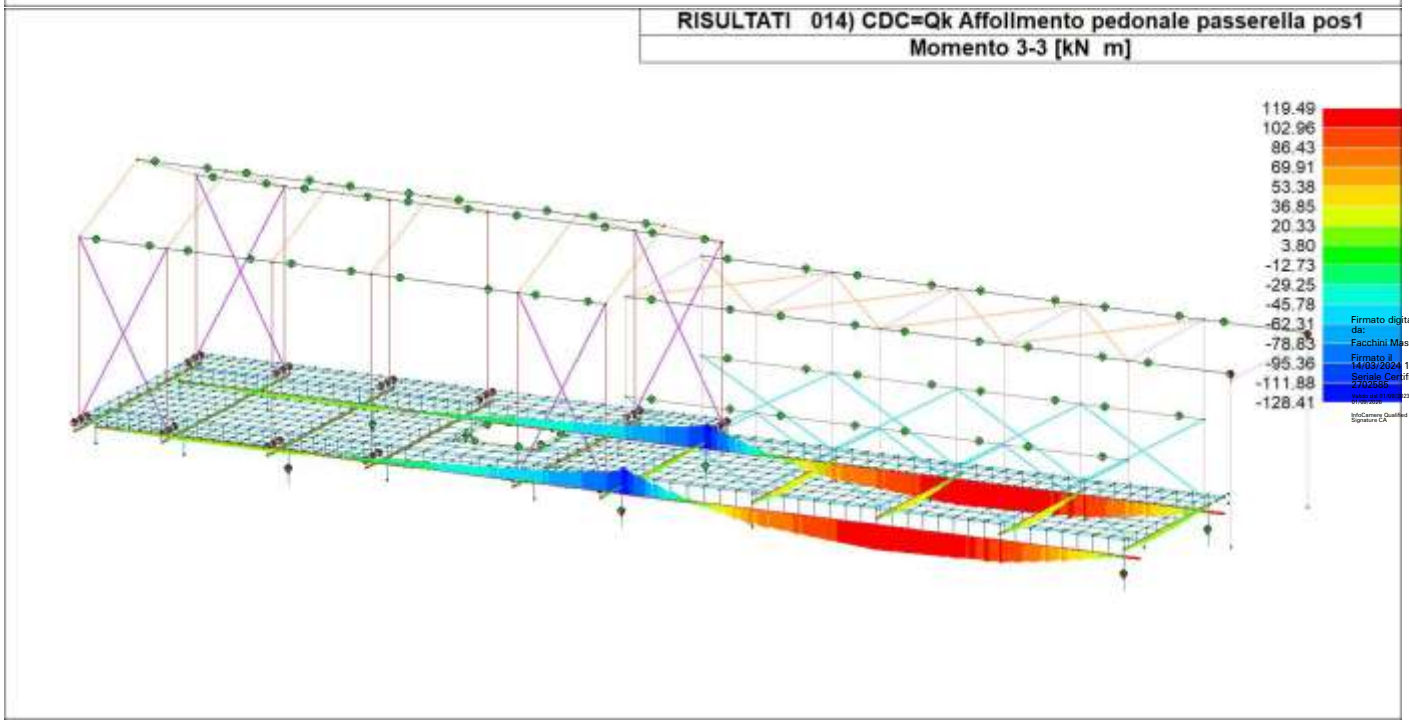
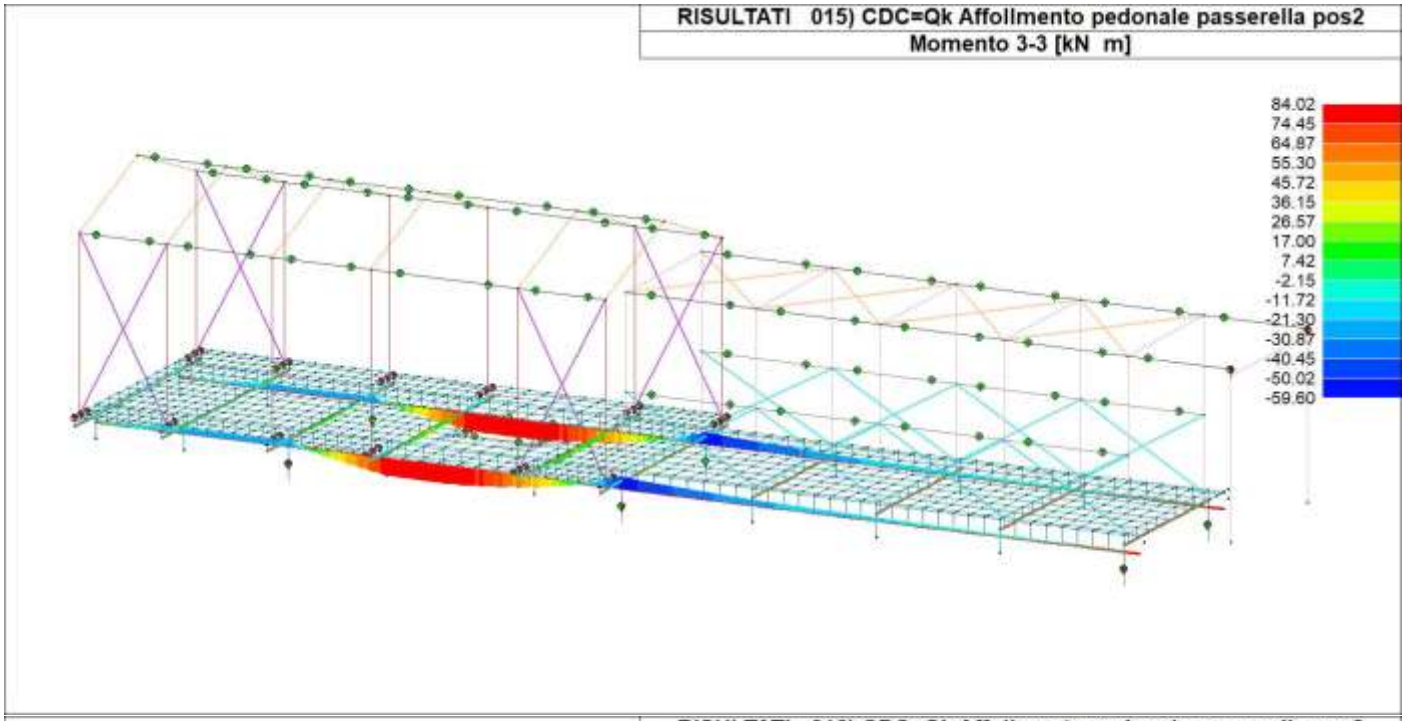
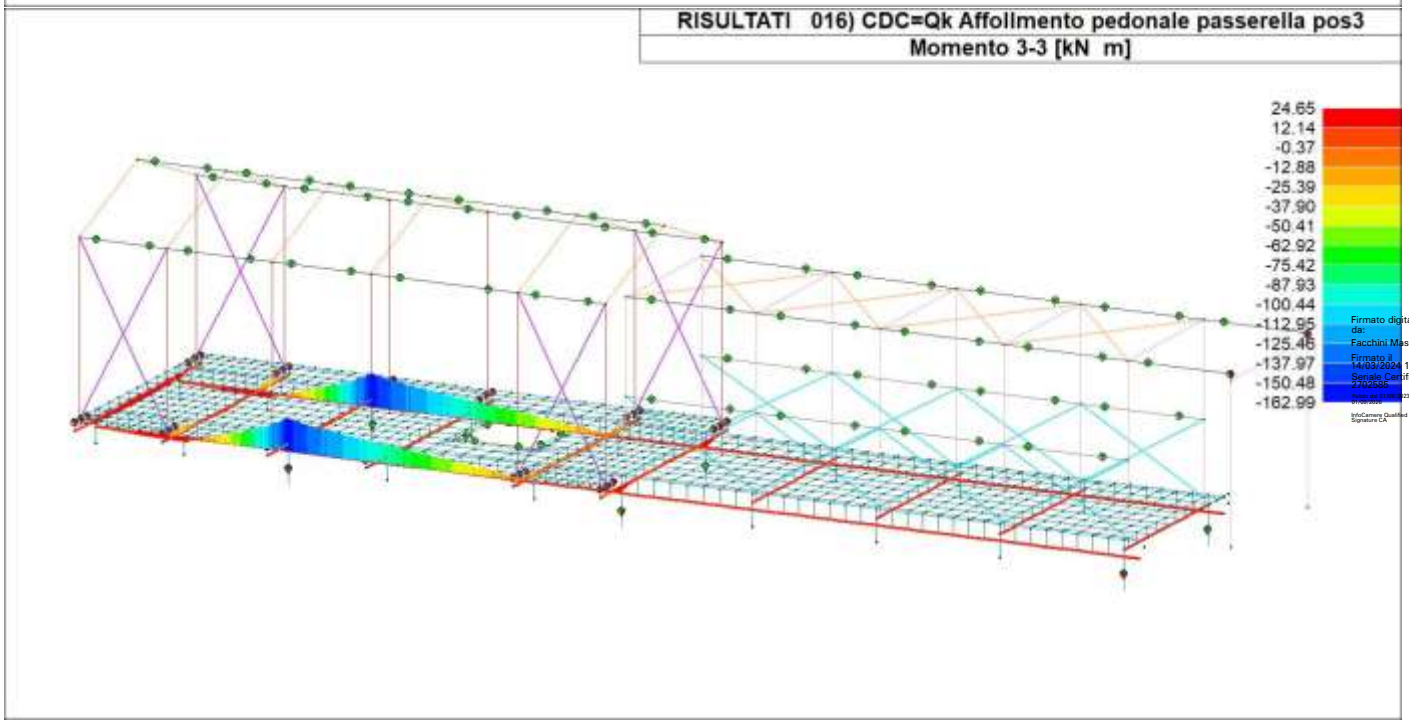


RISULTATI 011) CDC=Qk RITIRO SOLETTA
Momento 3-3 [kN m]
55.77
50.45
45.12
39.80
34.47
29.15
23.82
18.49
13.17
7.84
2.52
-2.81
-8.13
-13.46
-18.78
-24.11



RISULTATI 014) CDC=Qk Affollmento pedonale passerella pos1
Momento 3-3 [kN m]
119.49
102.96
86.43
69.91
53.38
36.85
20.33
3.80
-12.73
-29.25
-45.78
-62.31
-78.83
-95.36
-111.88
-128.41





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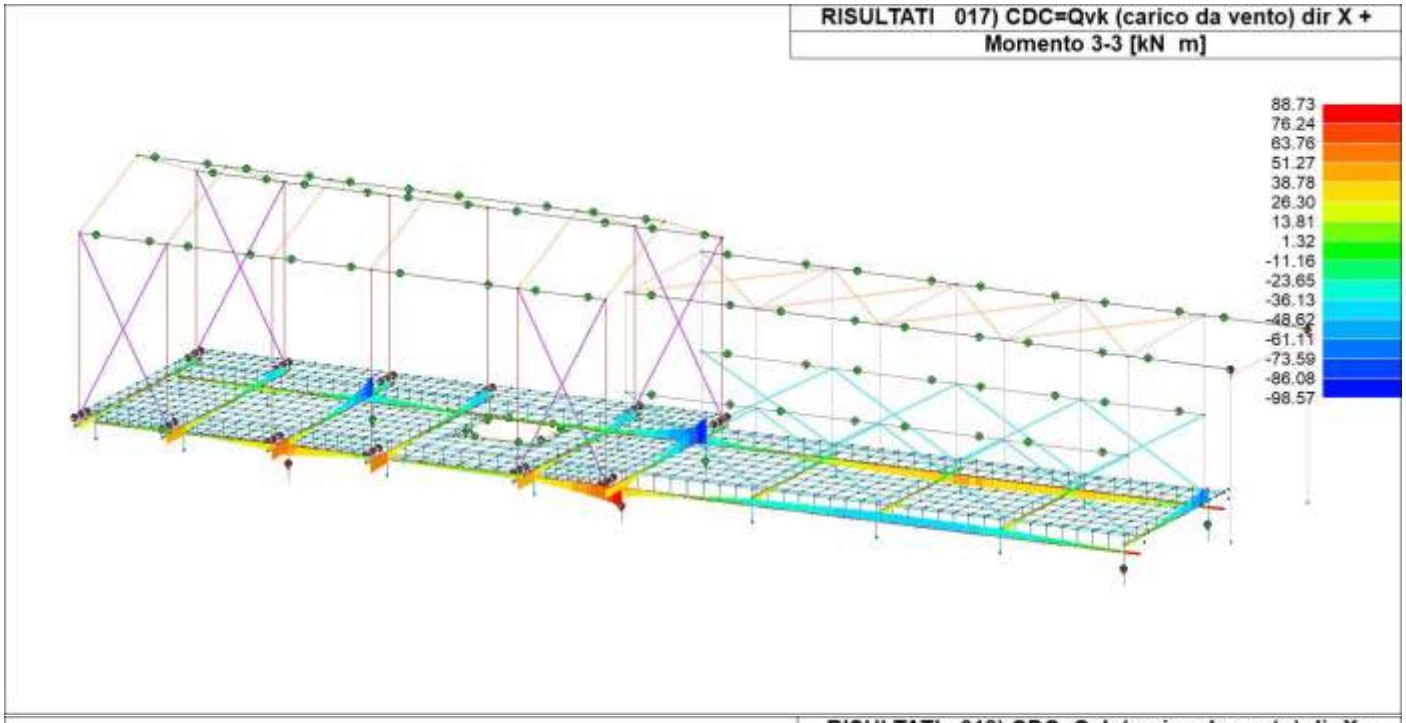
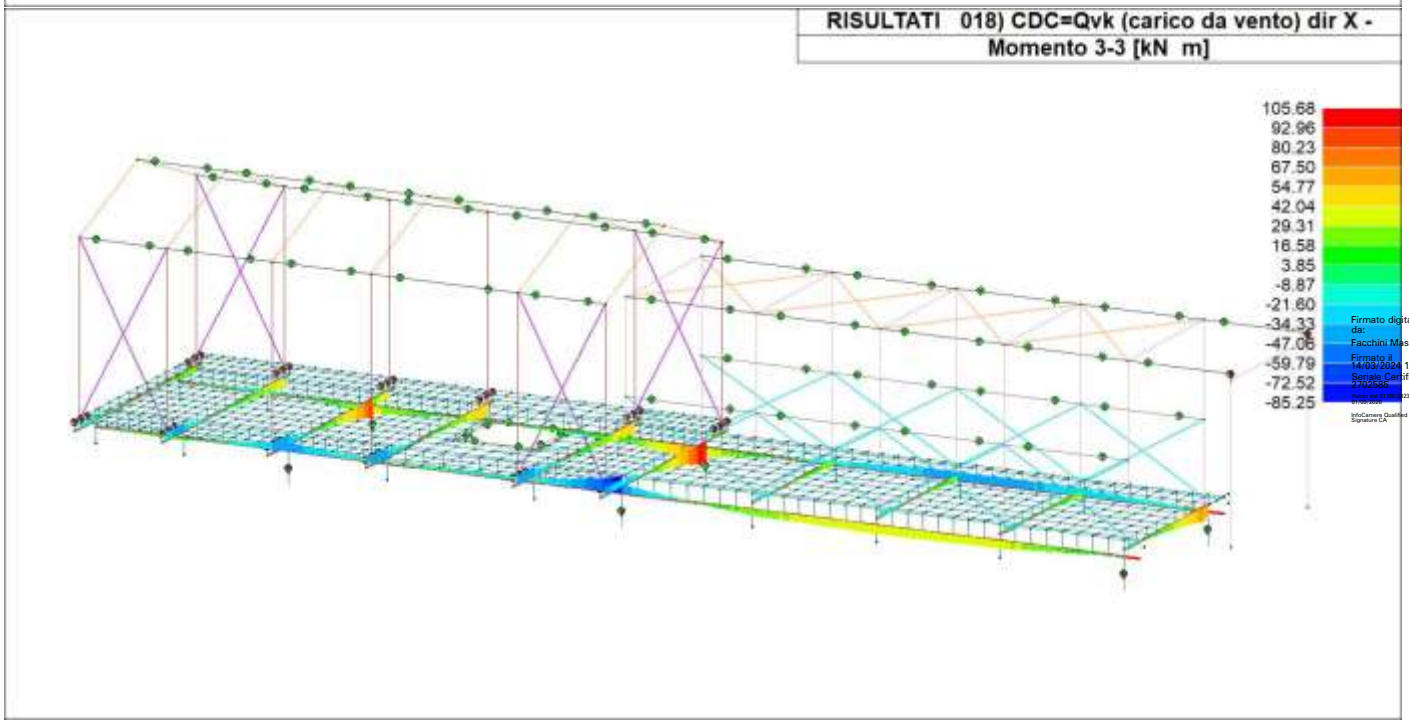
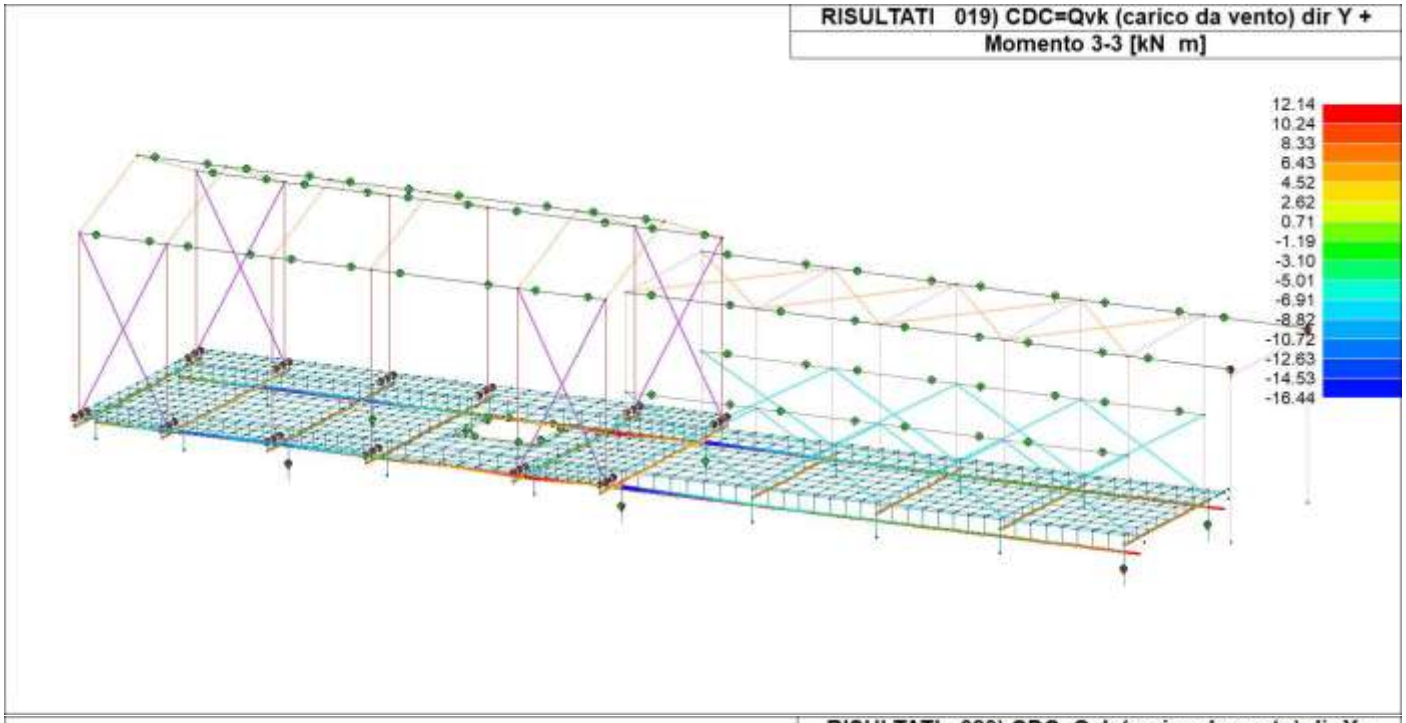
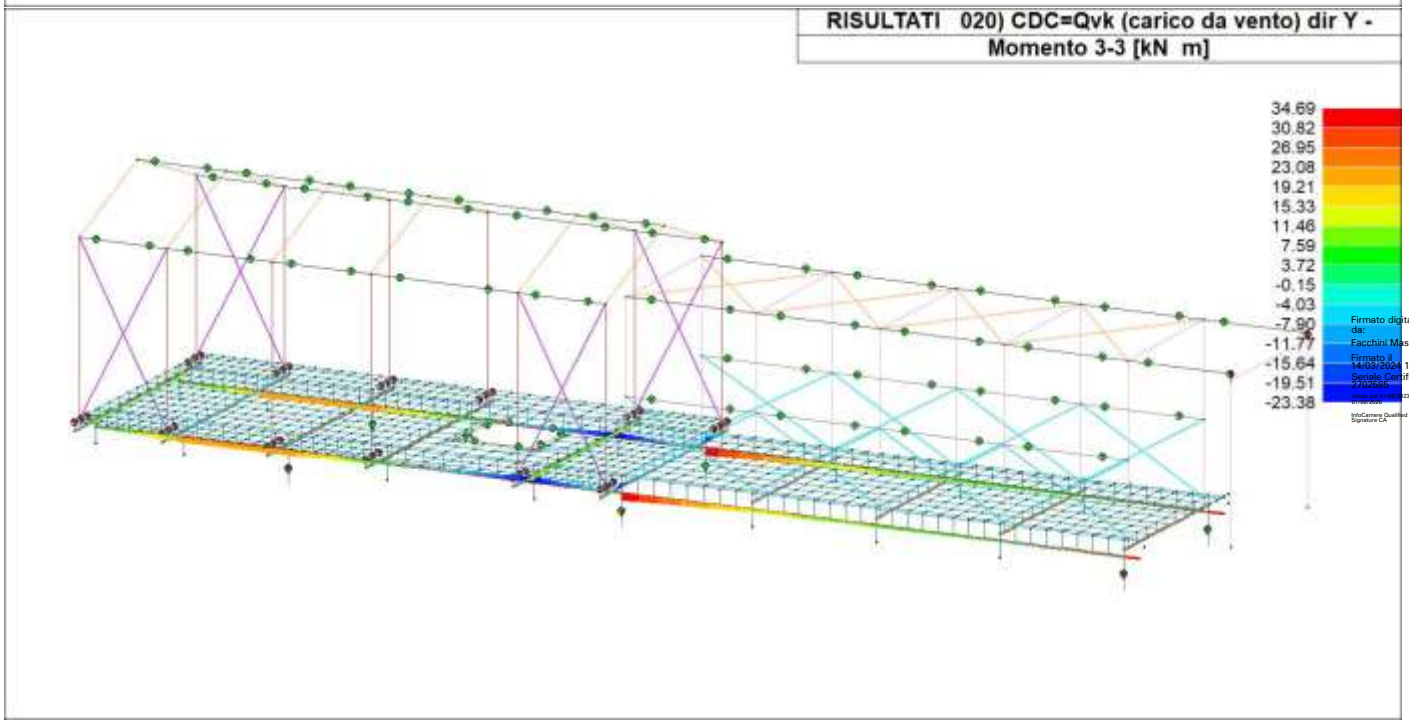


RISULTATI 017) CDC=Qvk (carico da vento) dir X +
Momento 3-3 [kN m]
88.73
76.24
63.76
51.27
38.78
26.30
13.81
1.32
-11.16
-23.65
-36.13
-48.62
-61.11
-73.59
-86.08
-98.57



RISULTATI 018) CDC=Qvk (carico da vento) dir X -
Momento 3-3 [kN m]
105.68
92.96
80.23
67.50
54.77
42.04
29.31
16.58
3.85
-8.87
-21.60
-34.33
-47.06
-59.79
-72.52
-85.25





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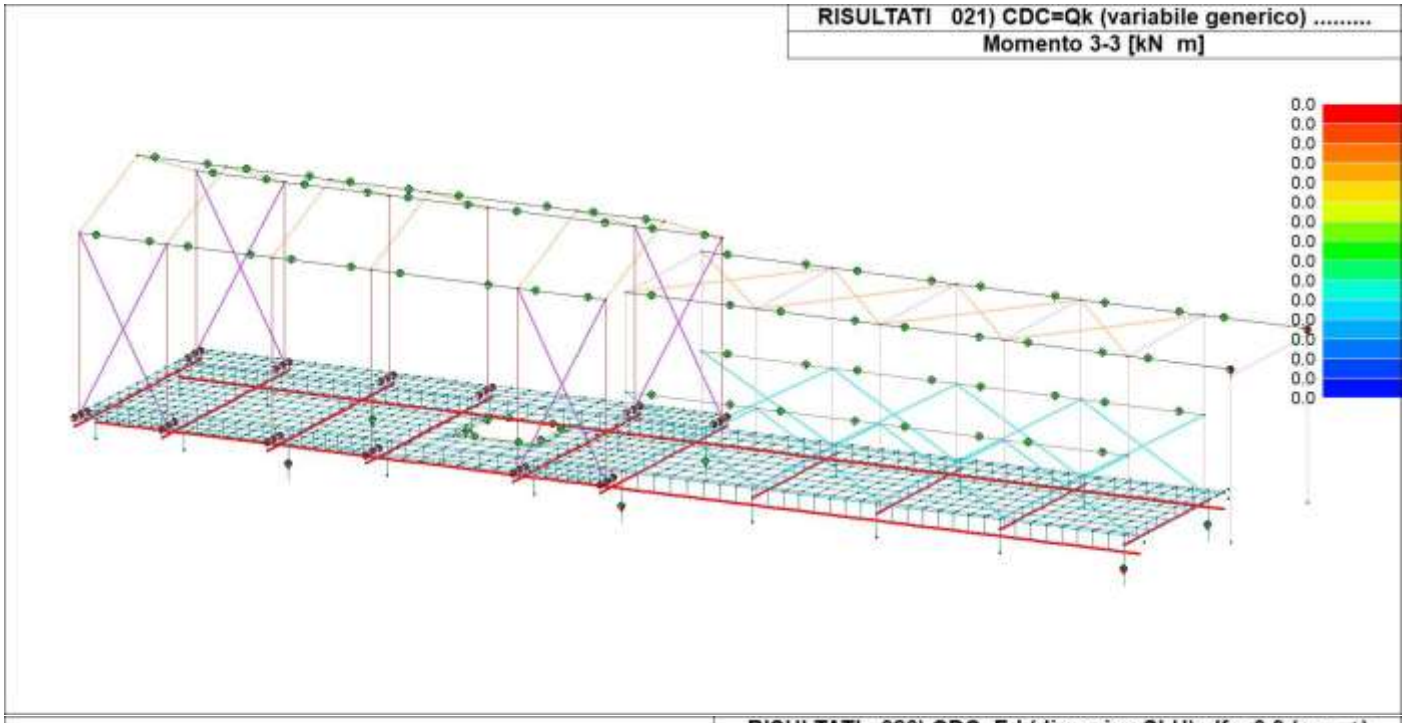

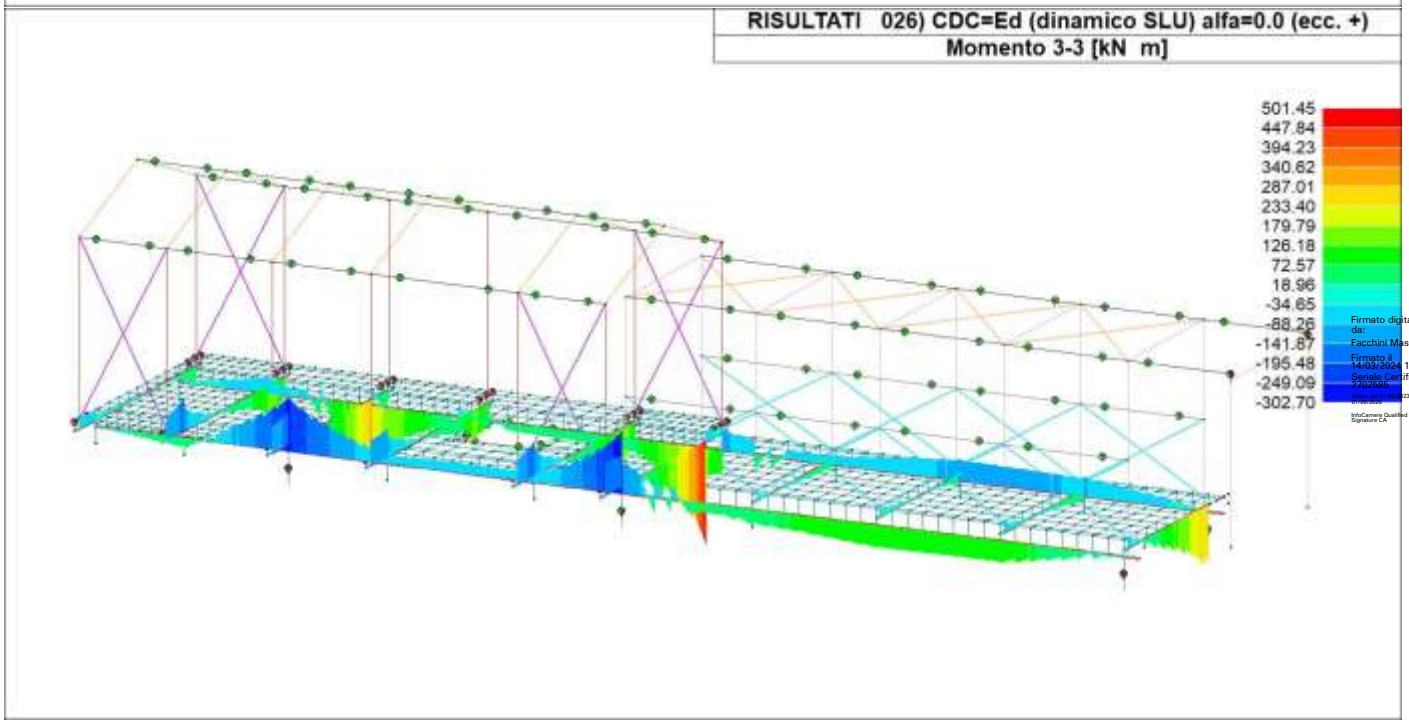

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Facchini Massimo
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Seriale Certificato:
Valido dal
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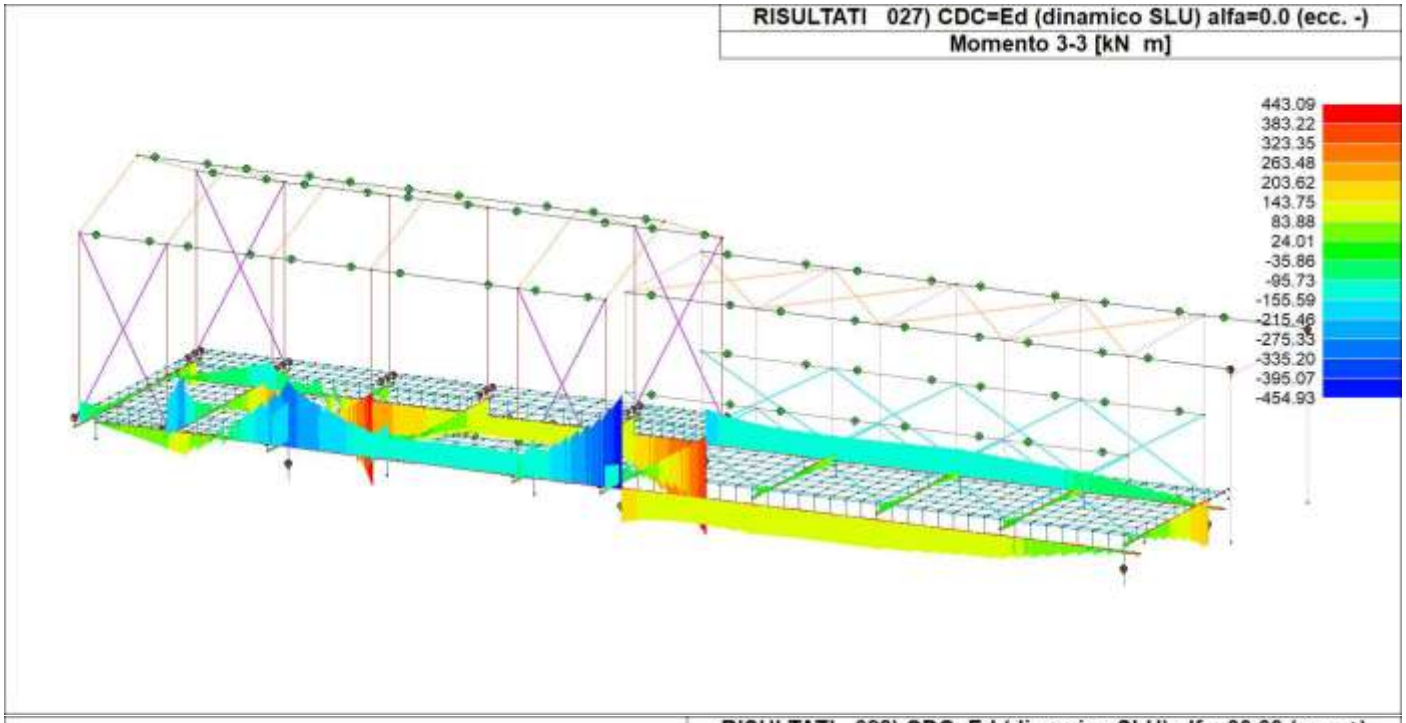

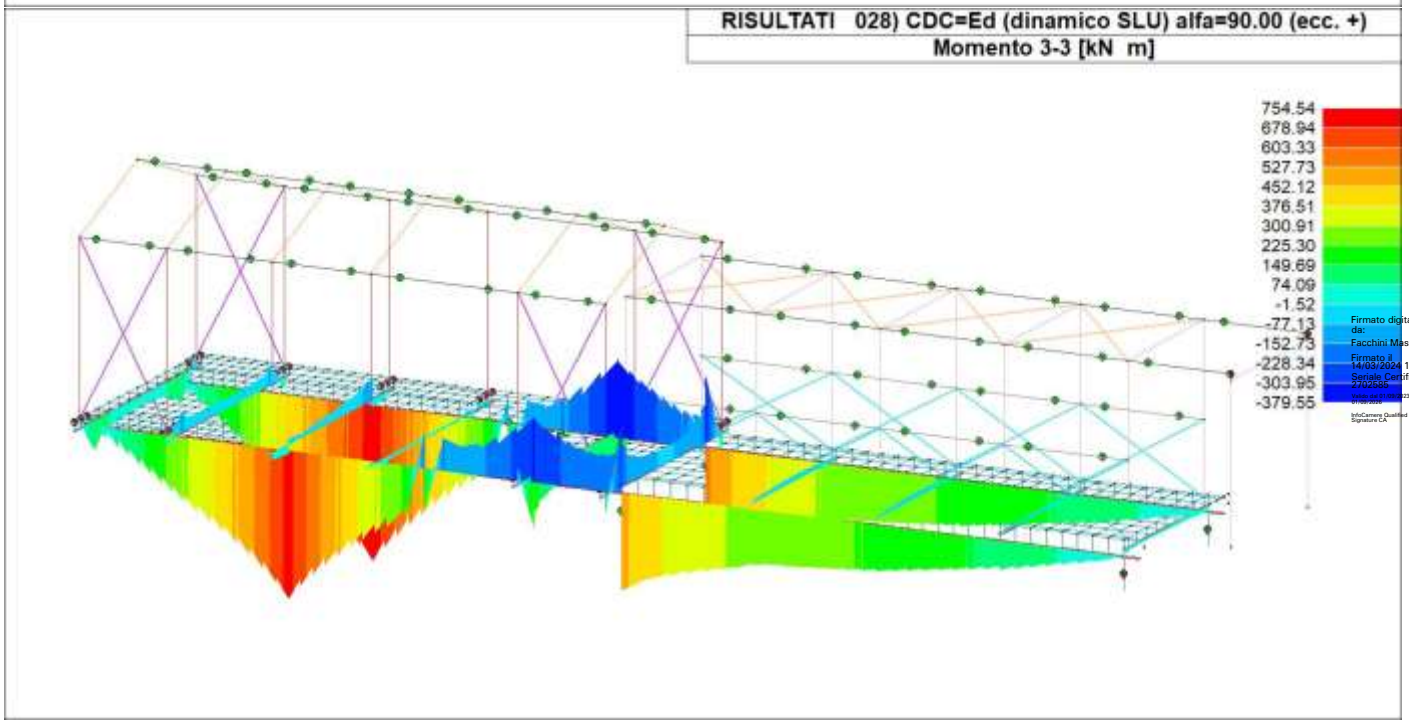

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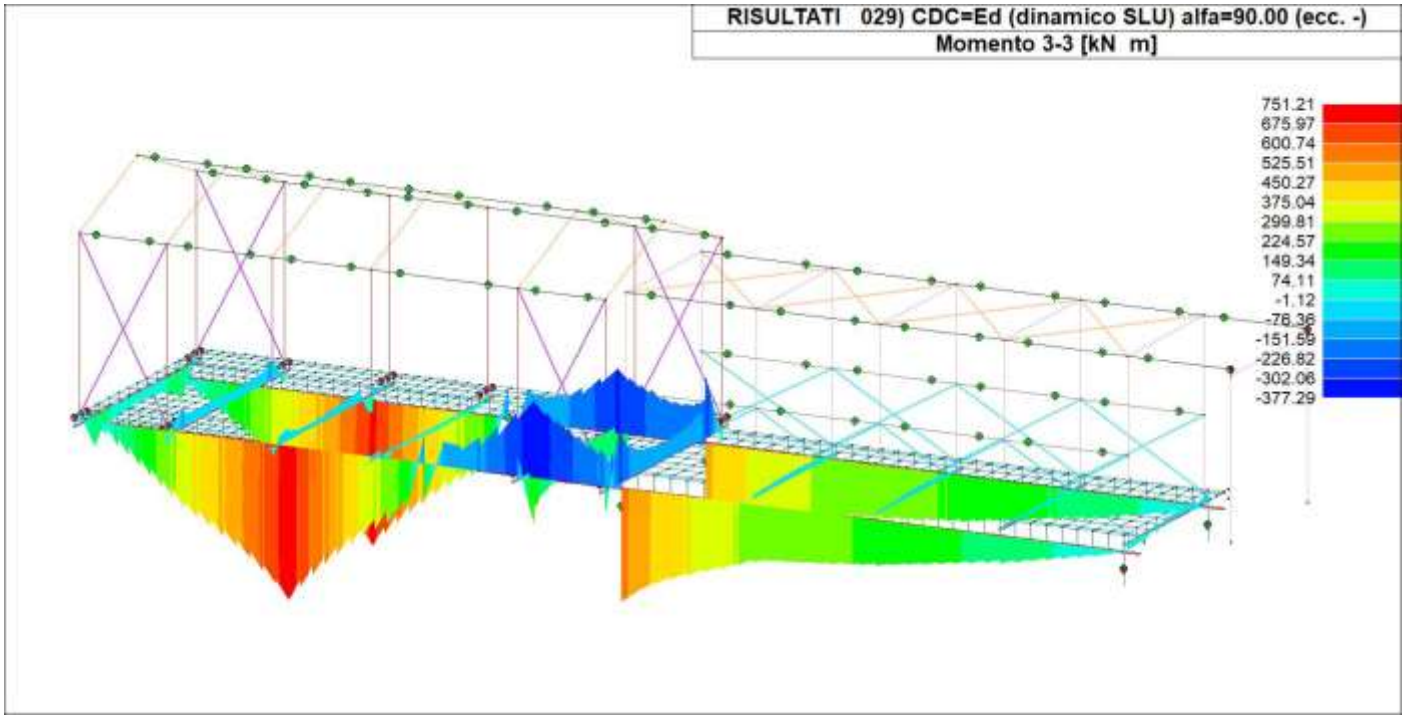

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Facchini Massimo
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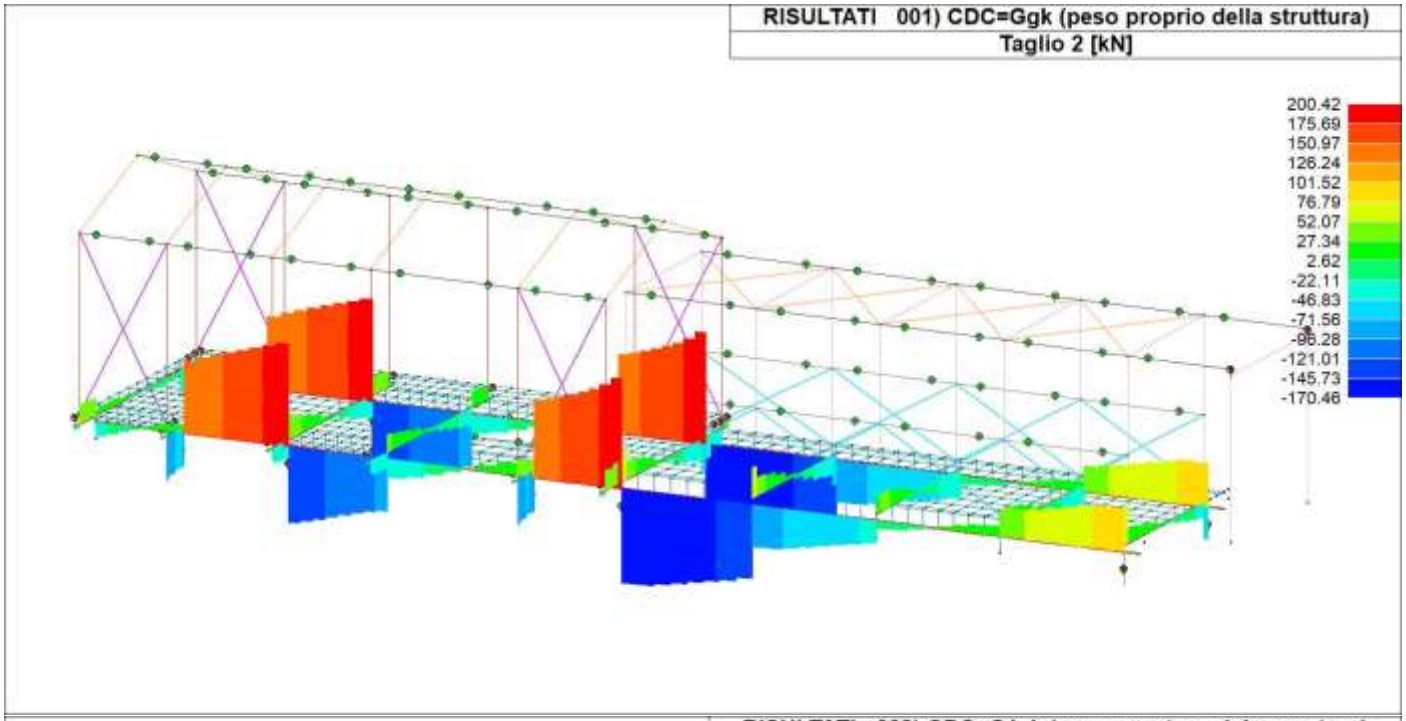

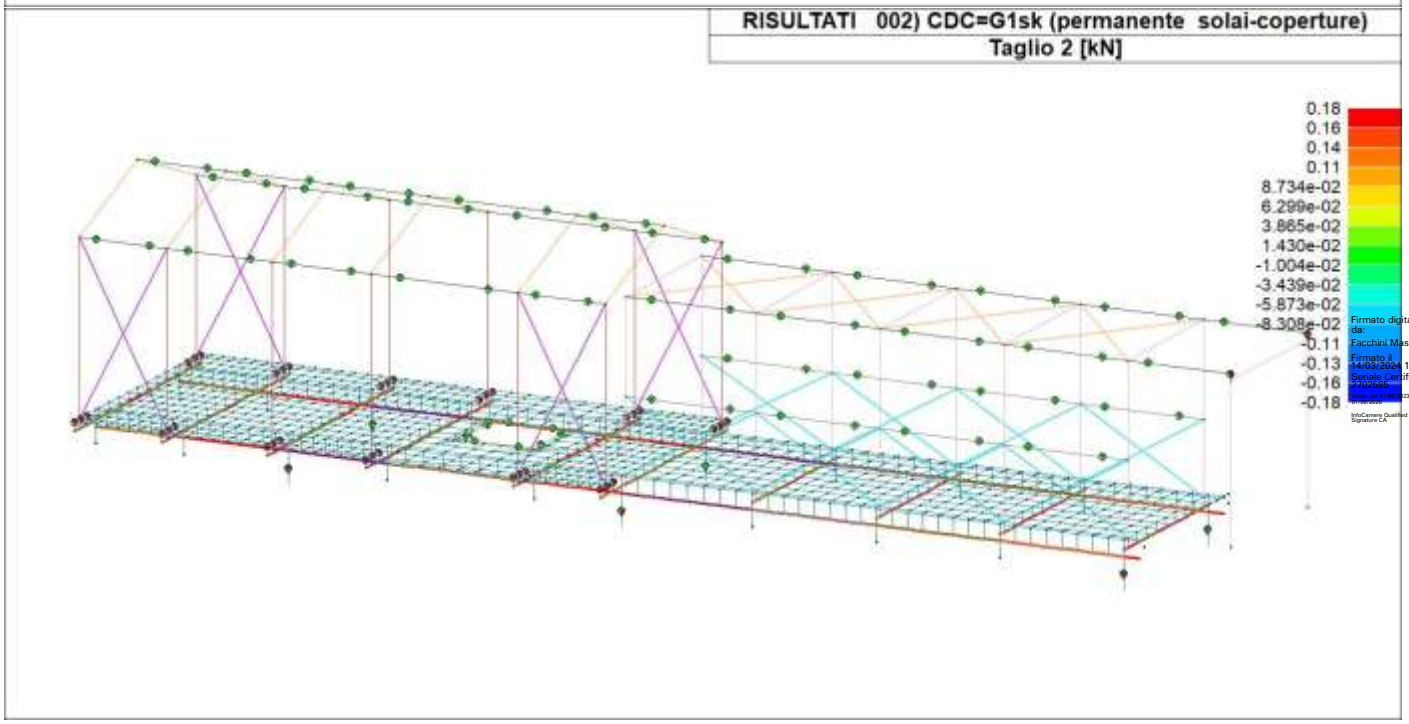

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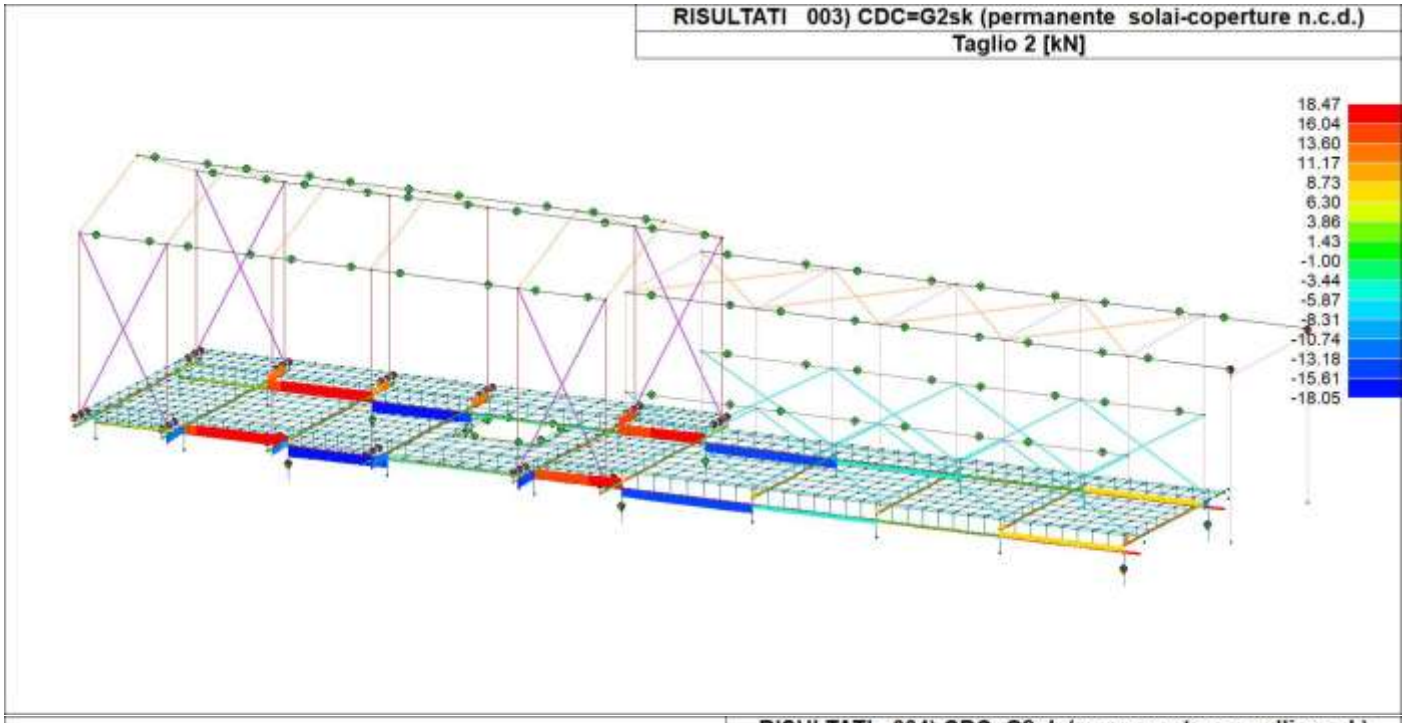

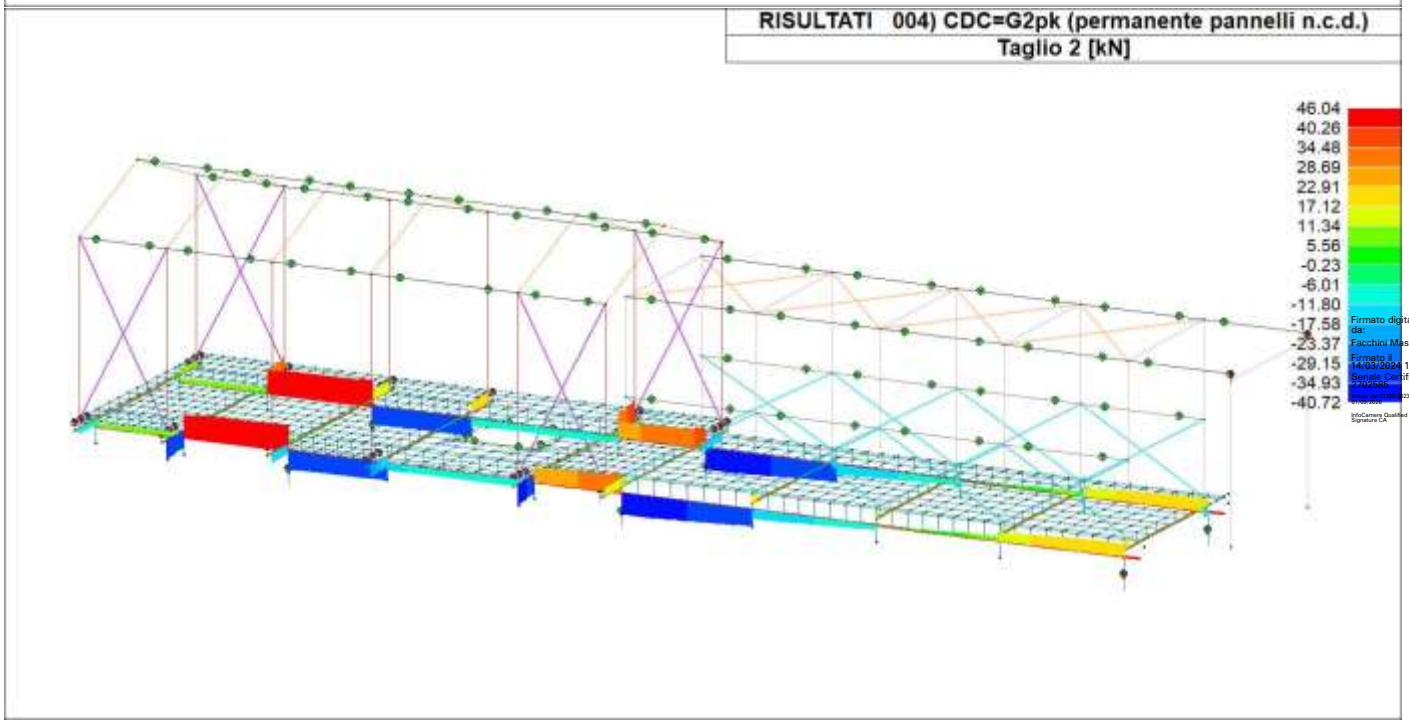

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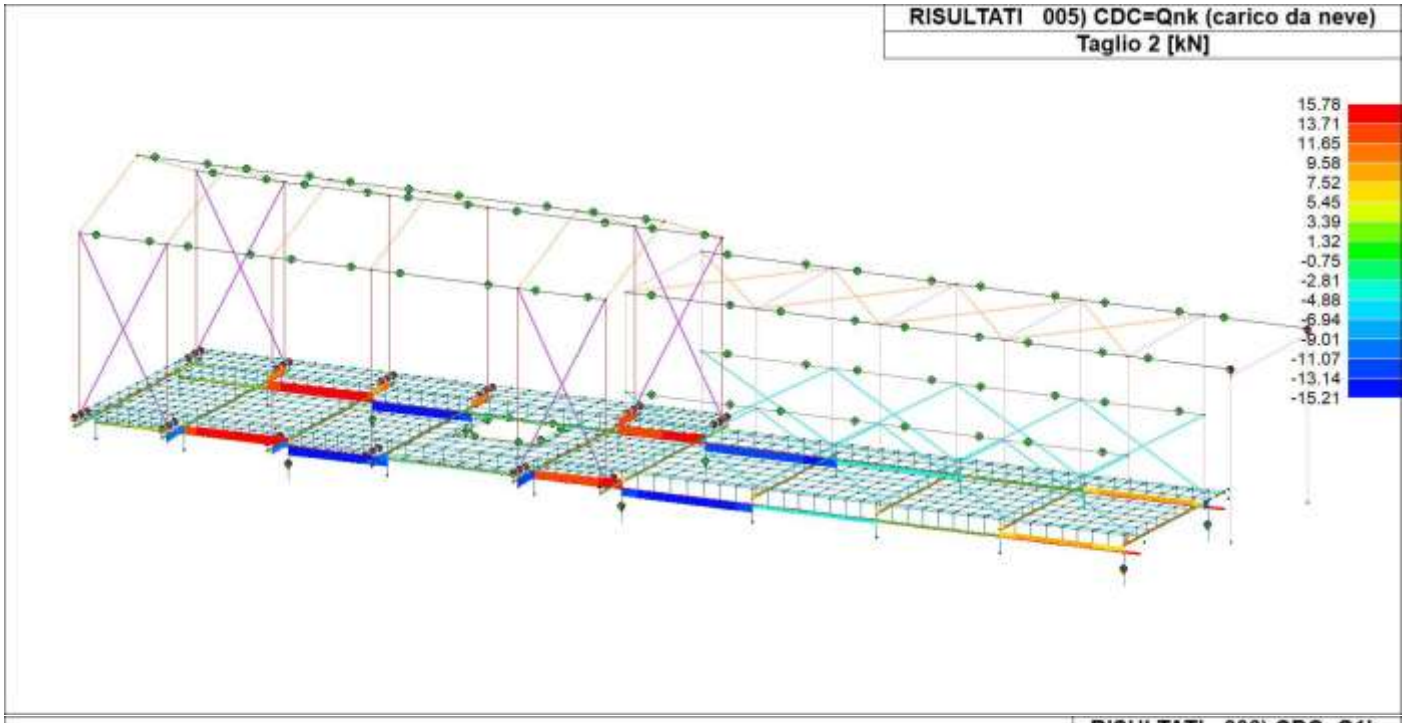

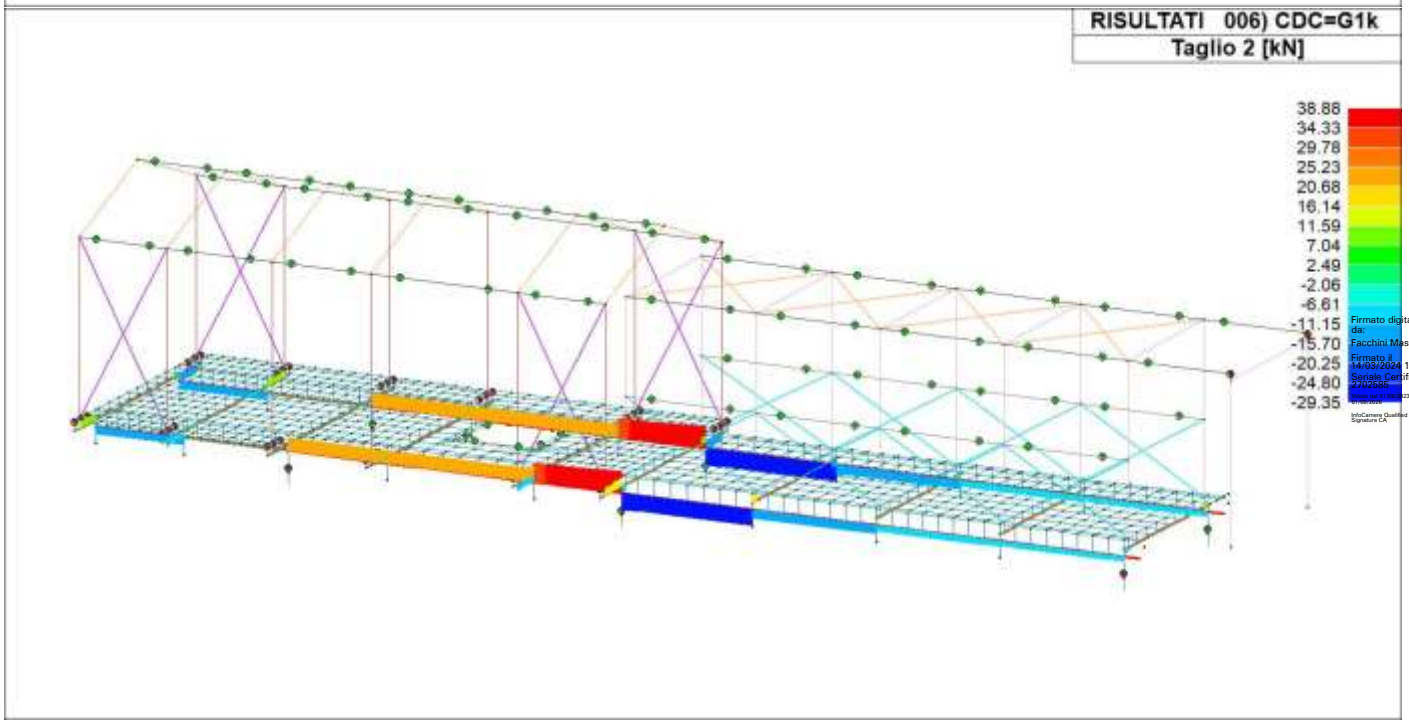

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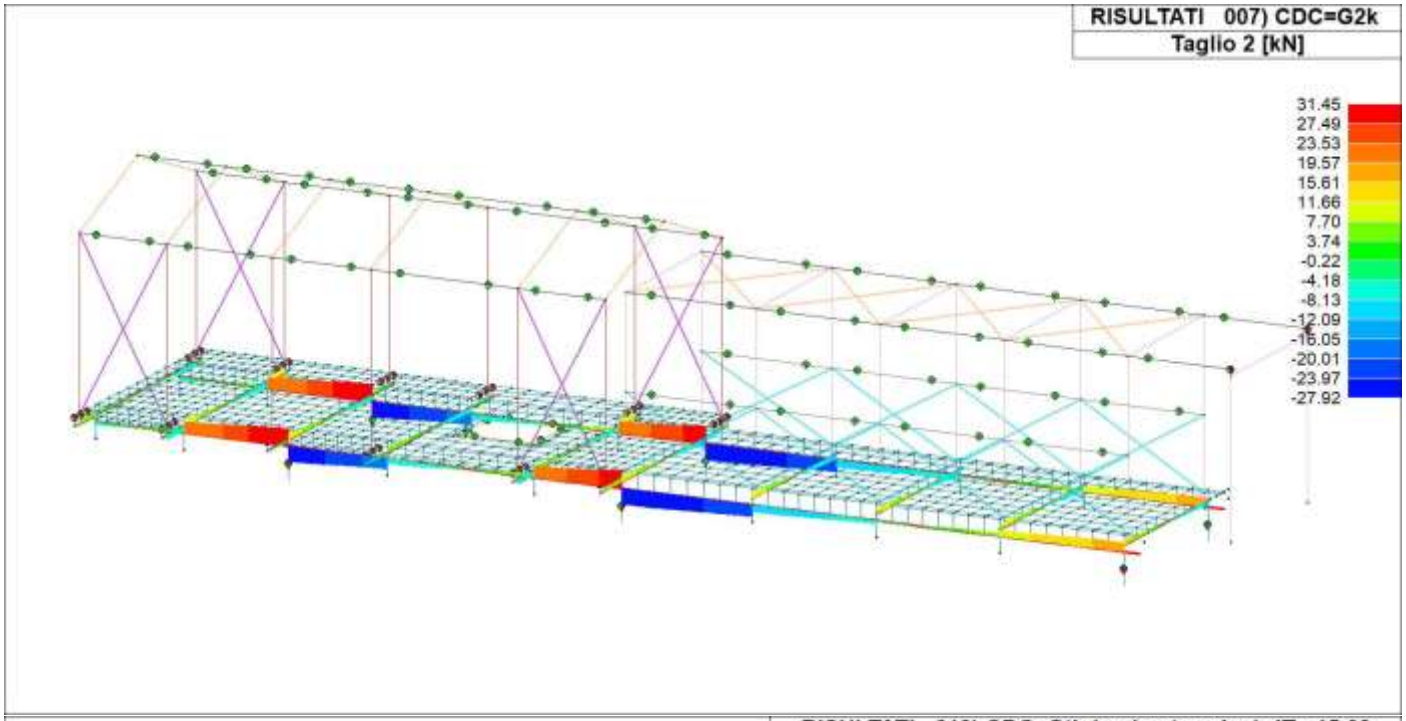

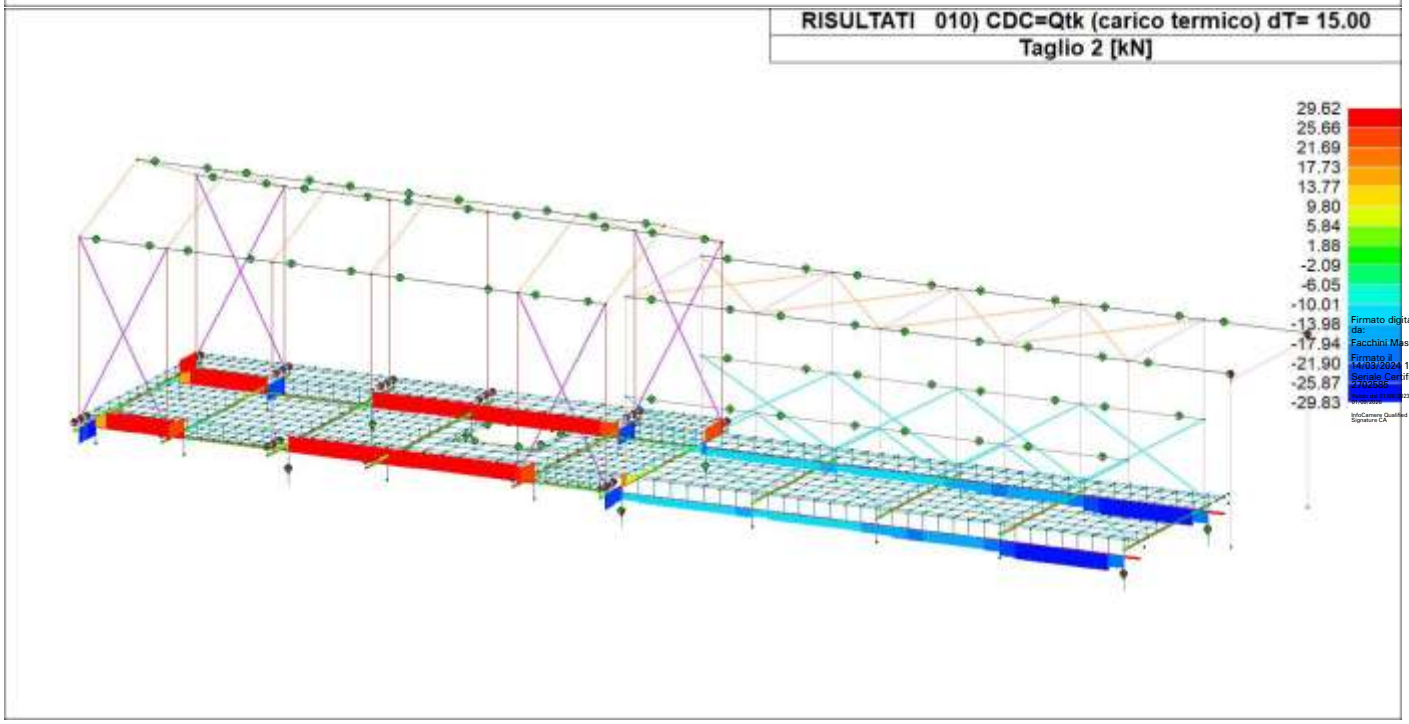

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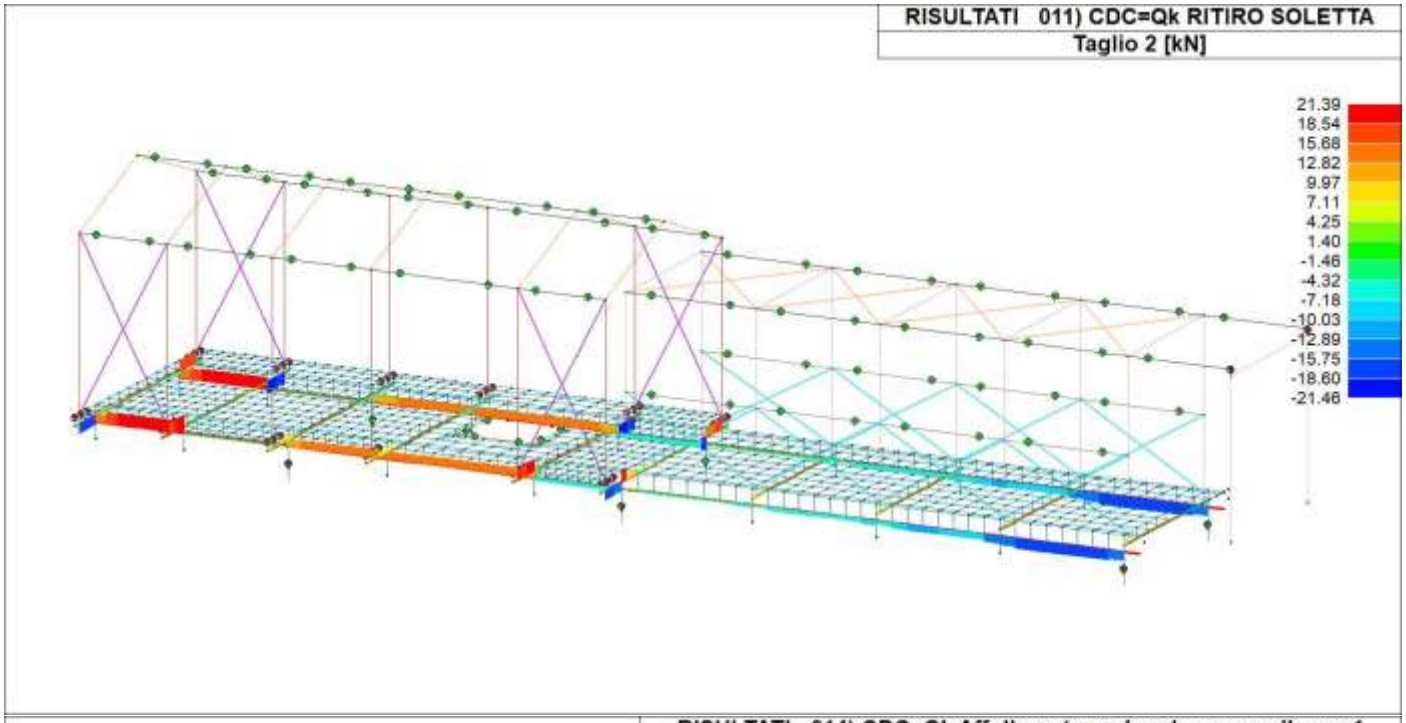

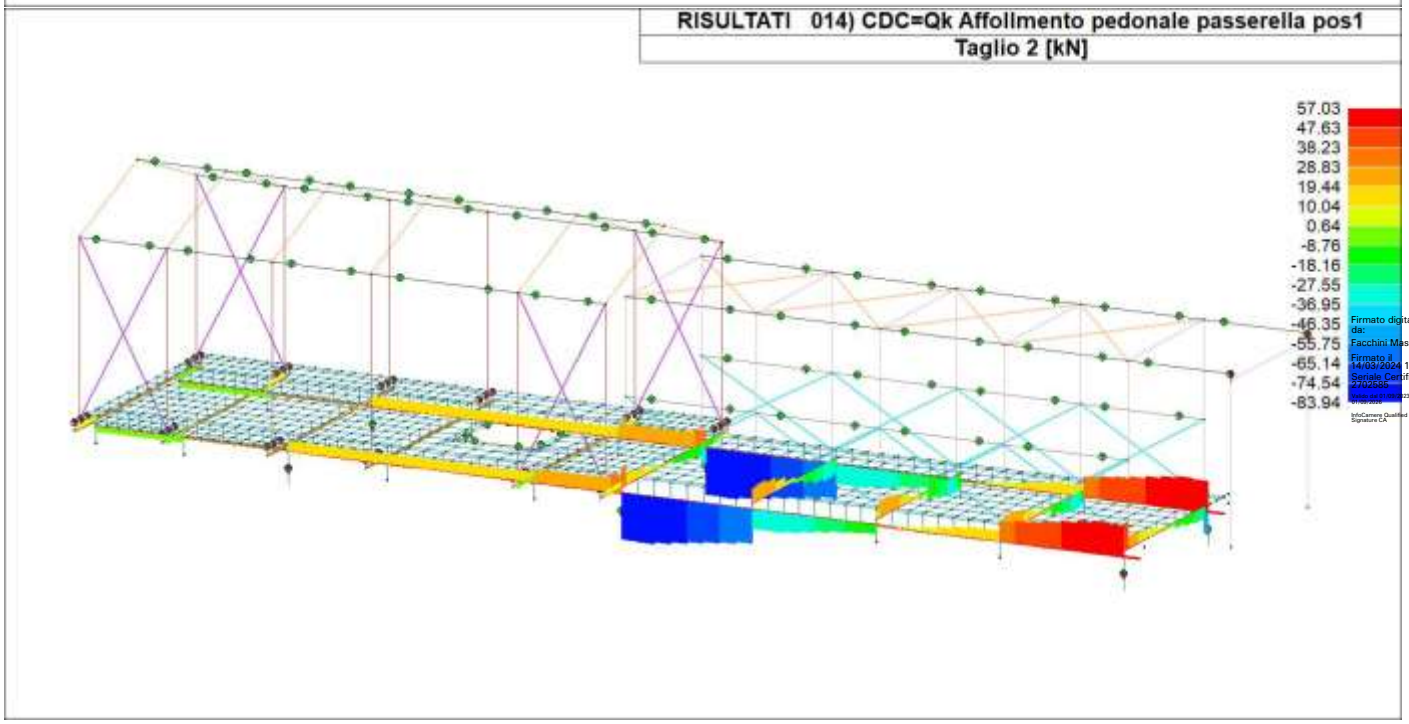

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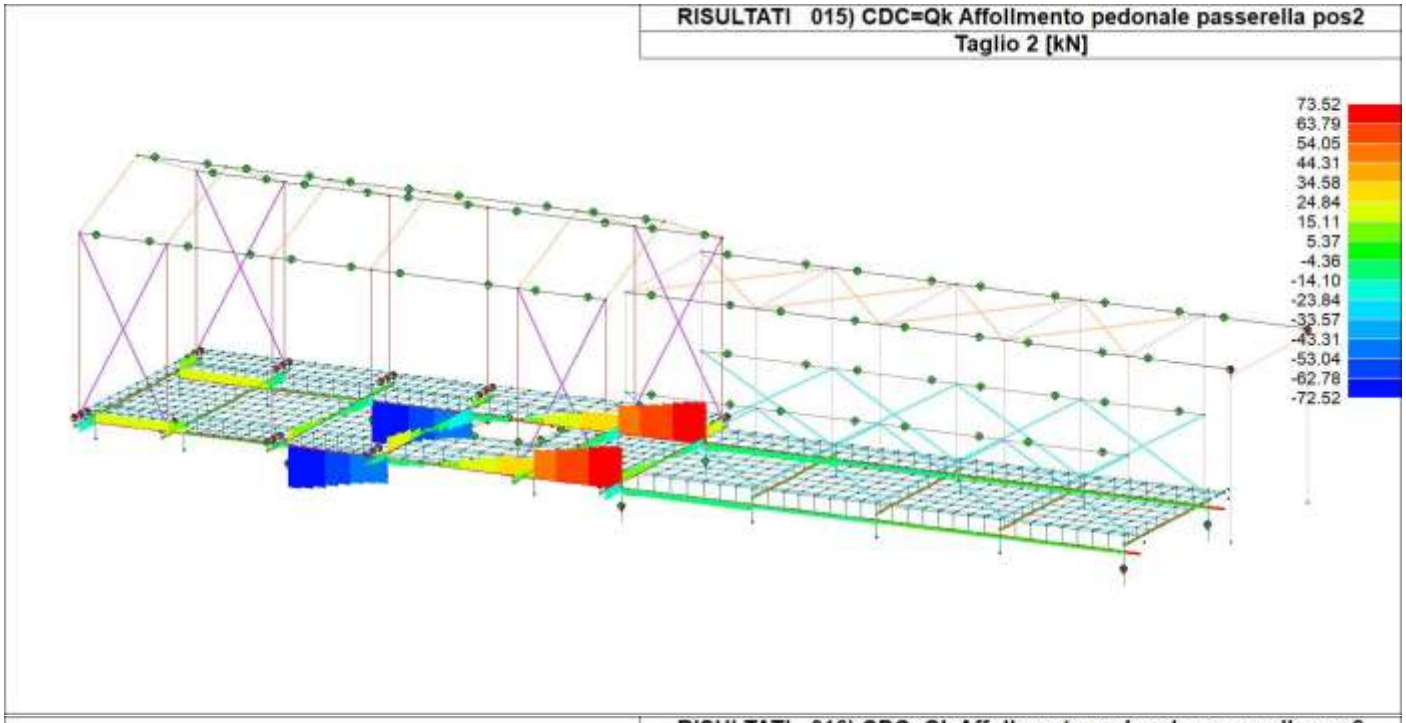

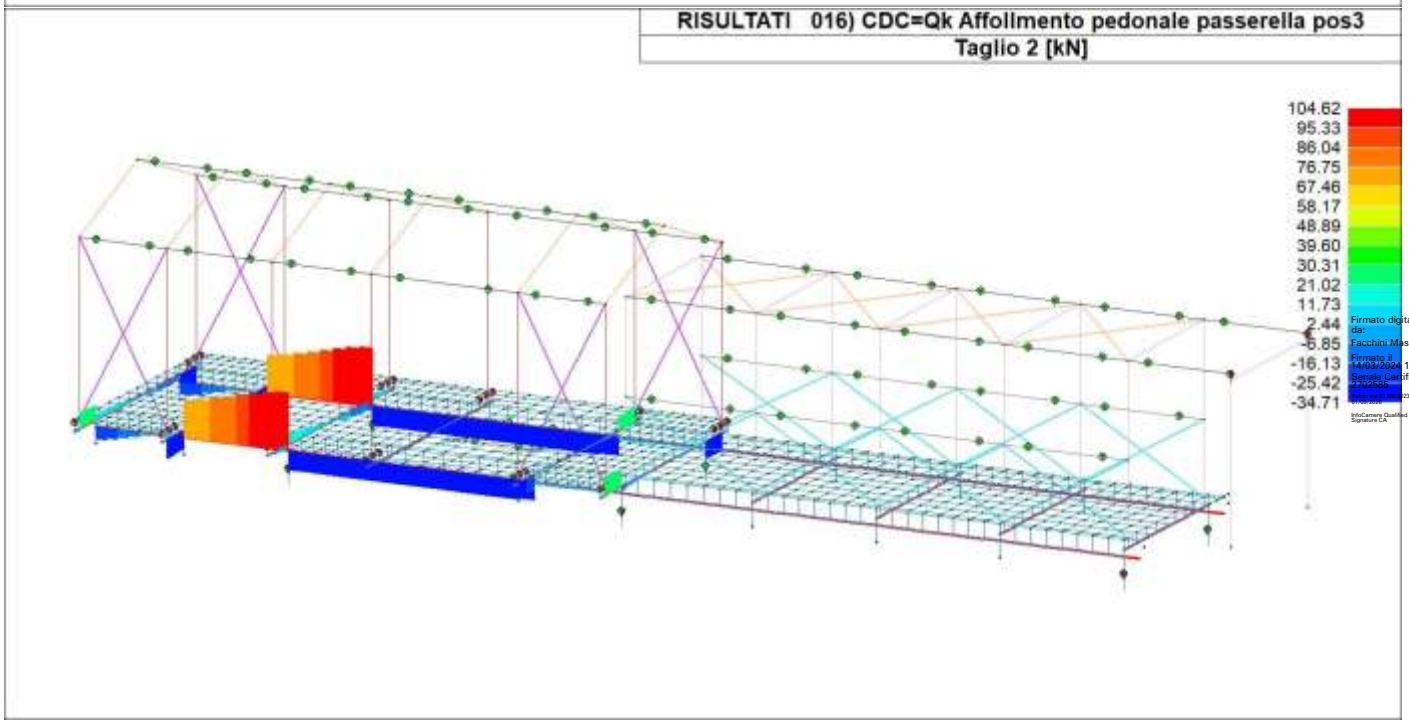

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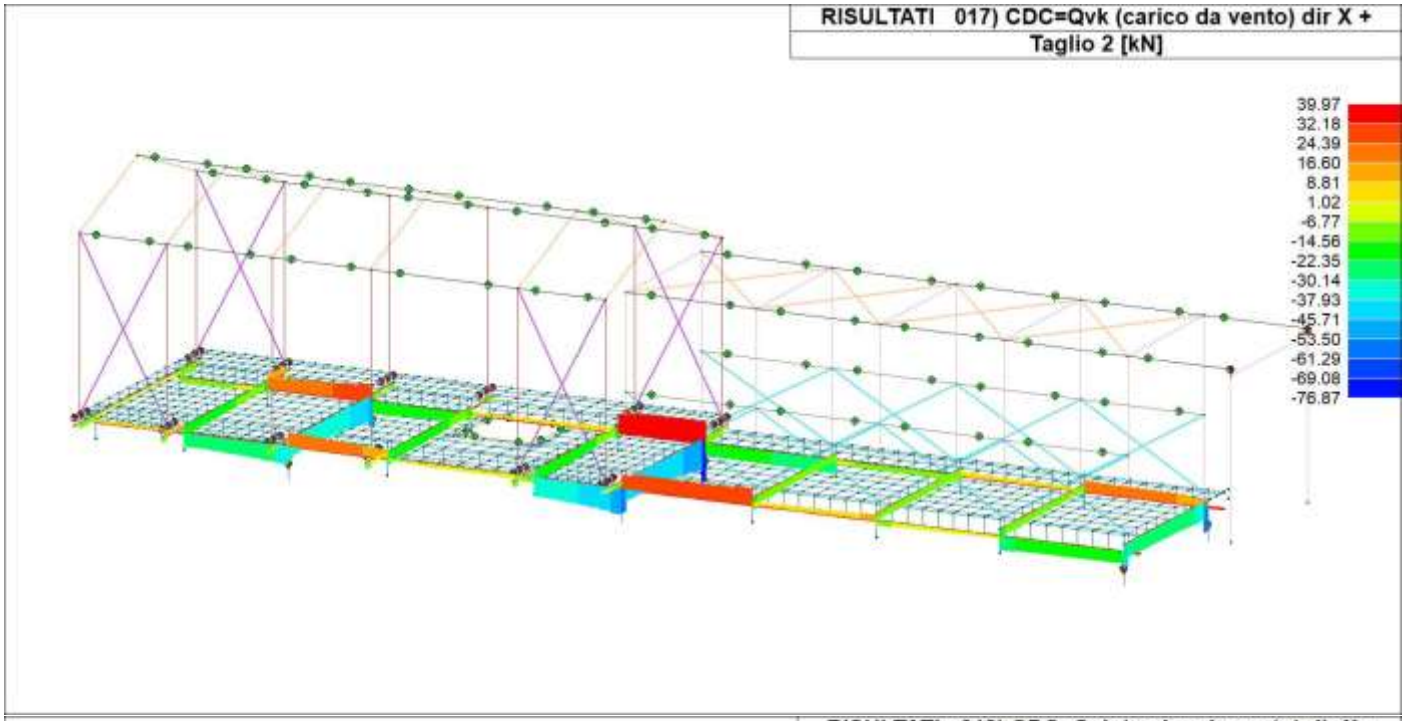

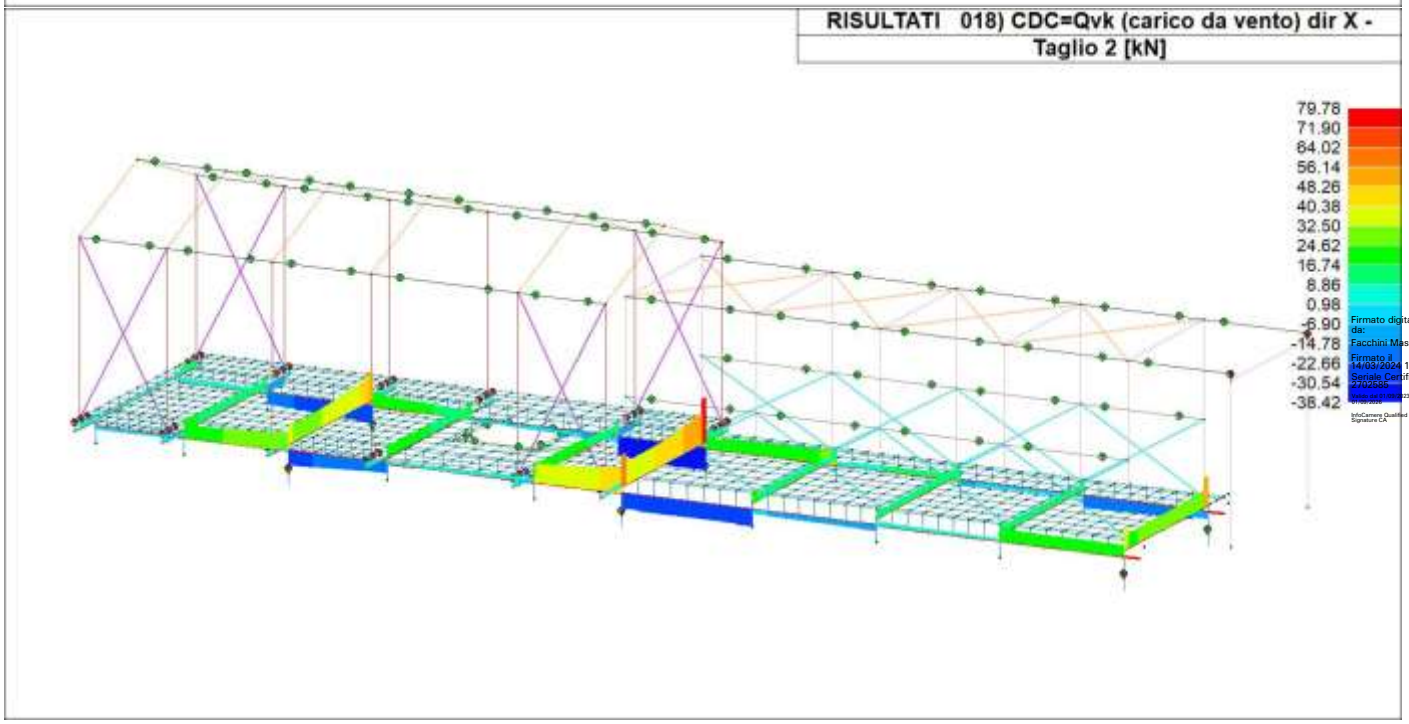

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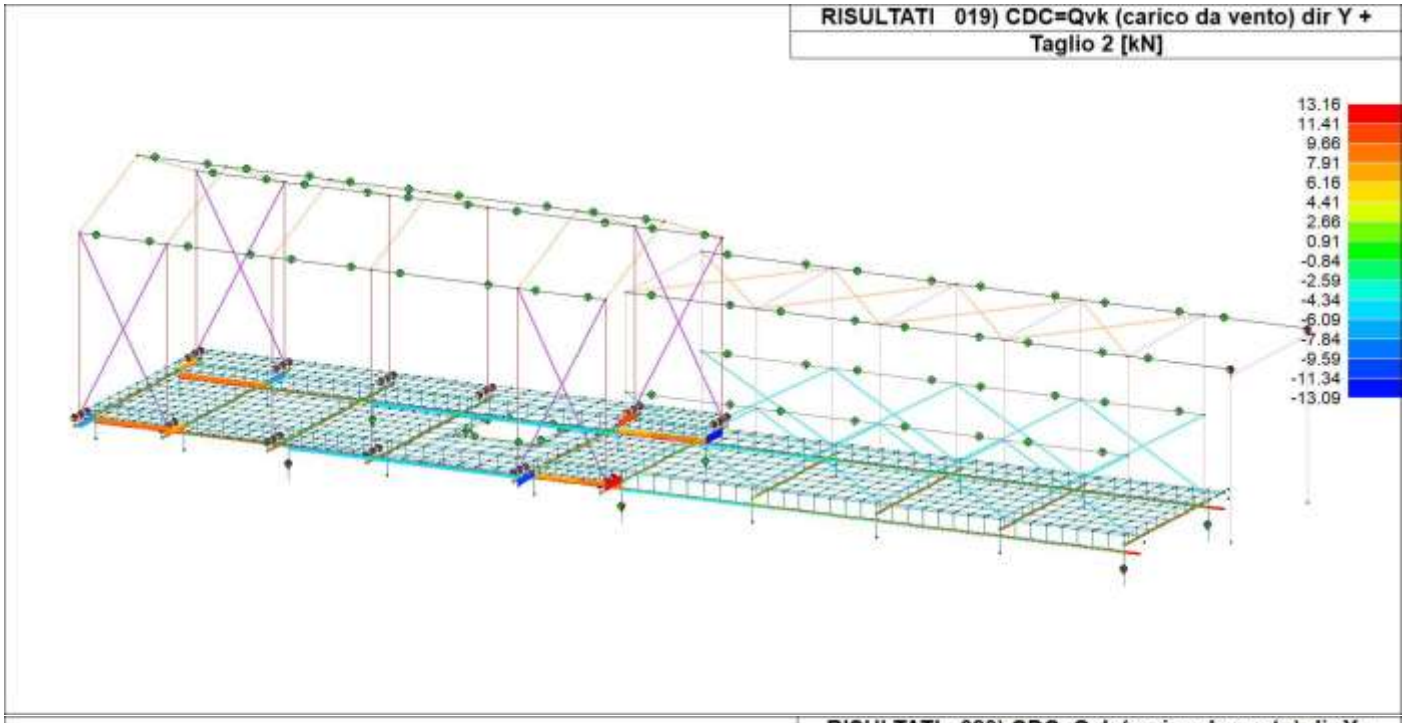

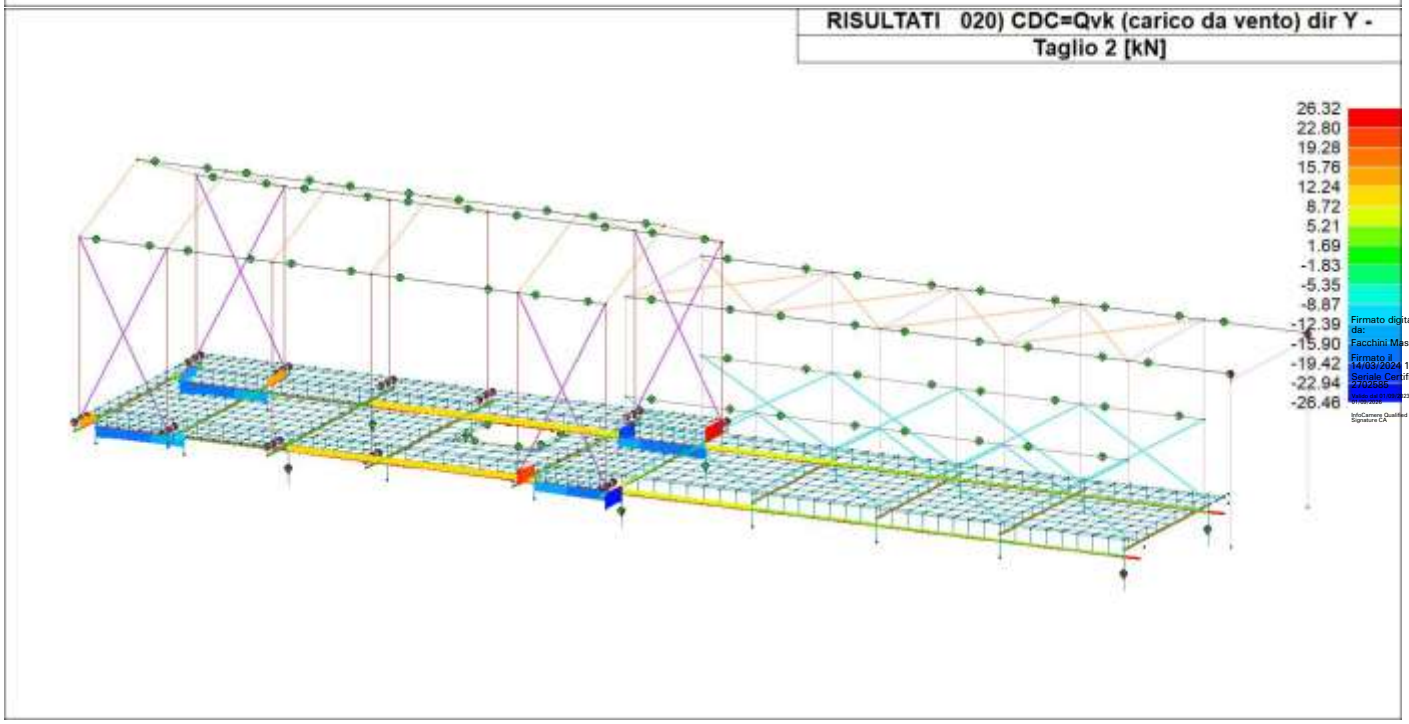

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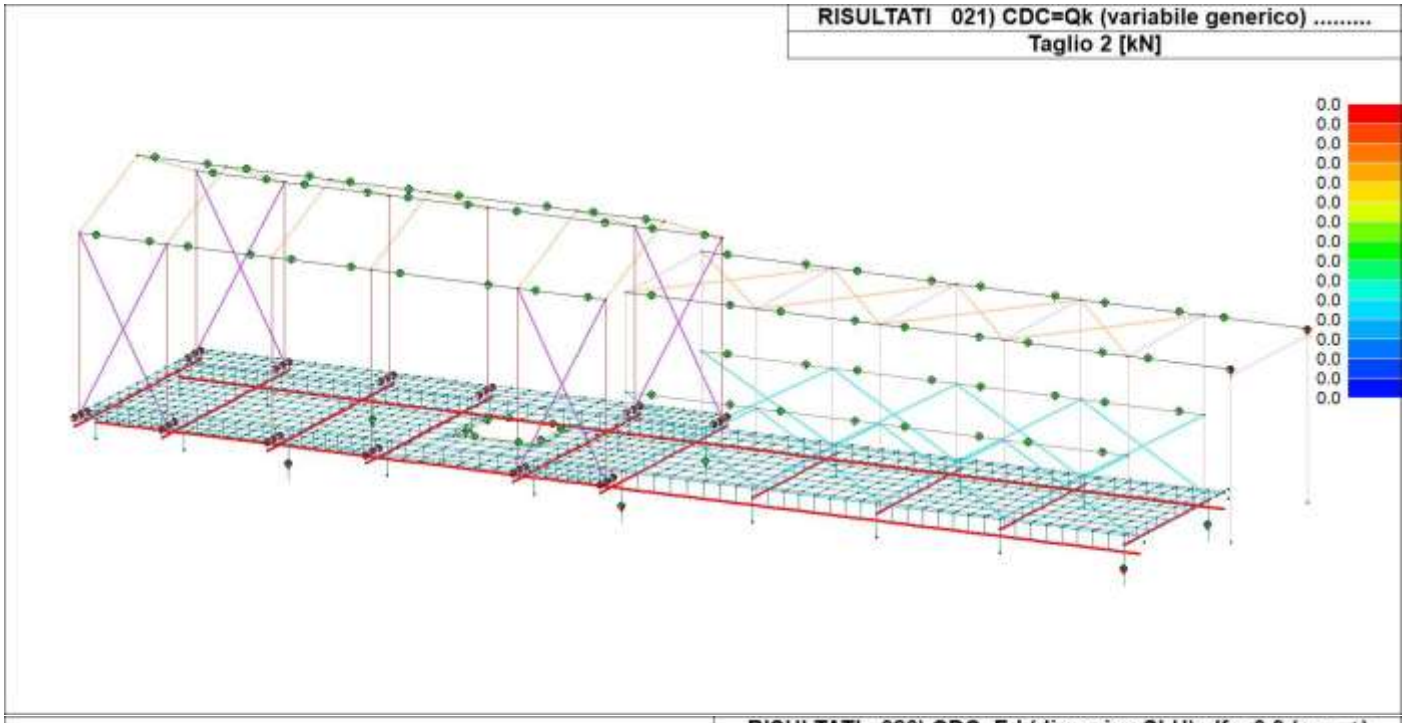

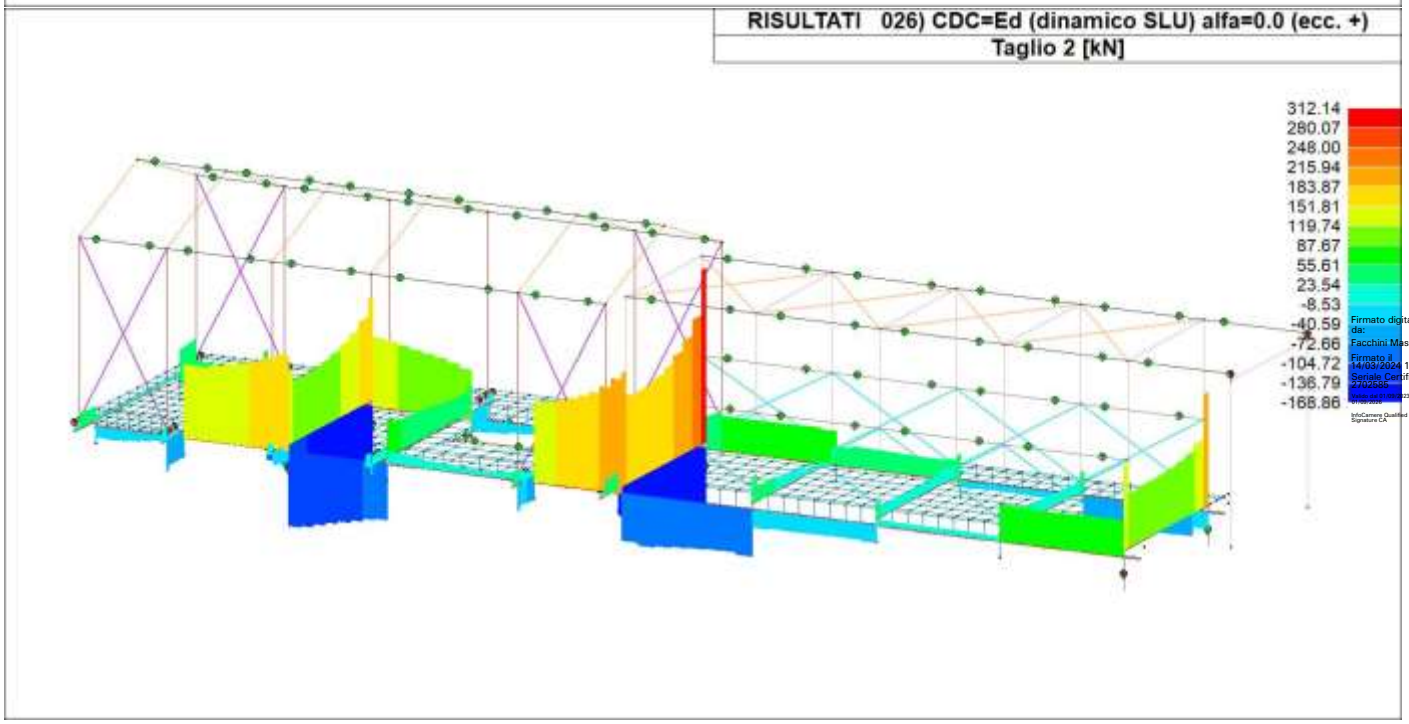

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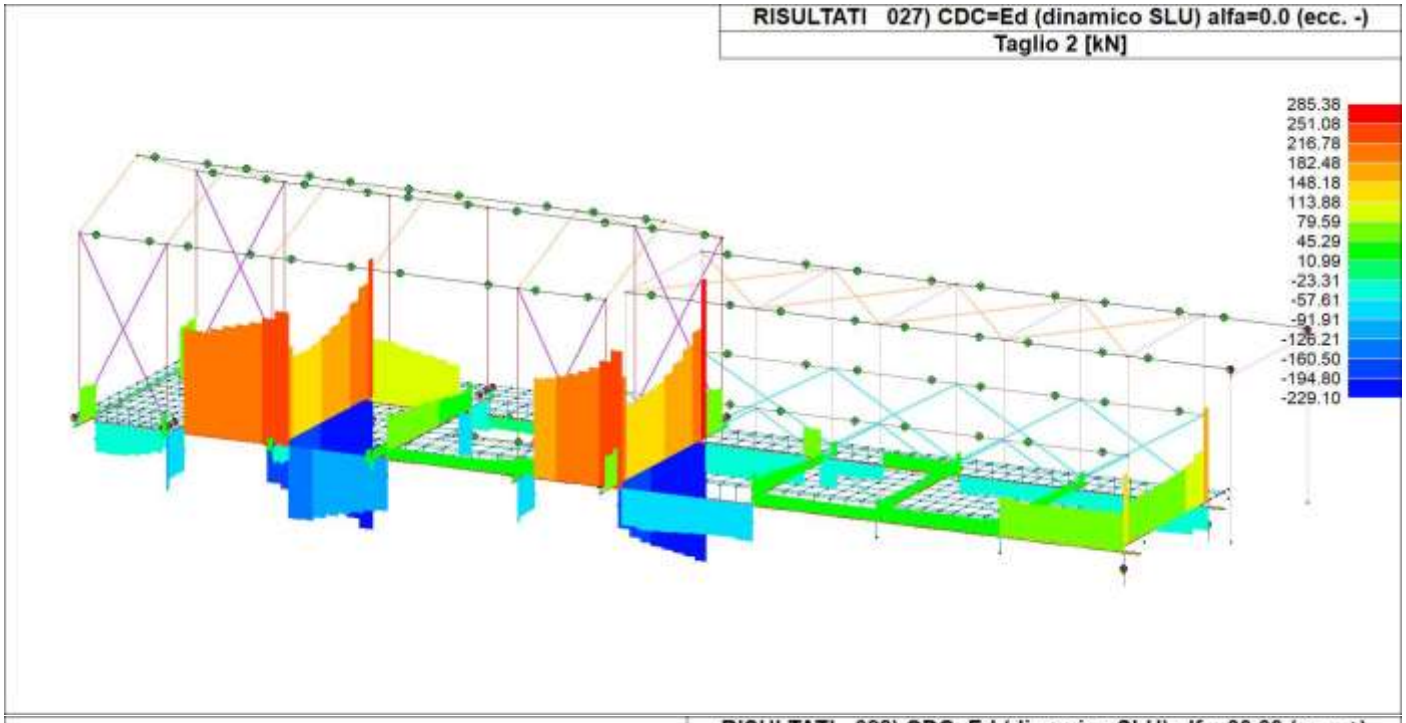

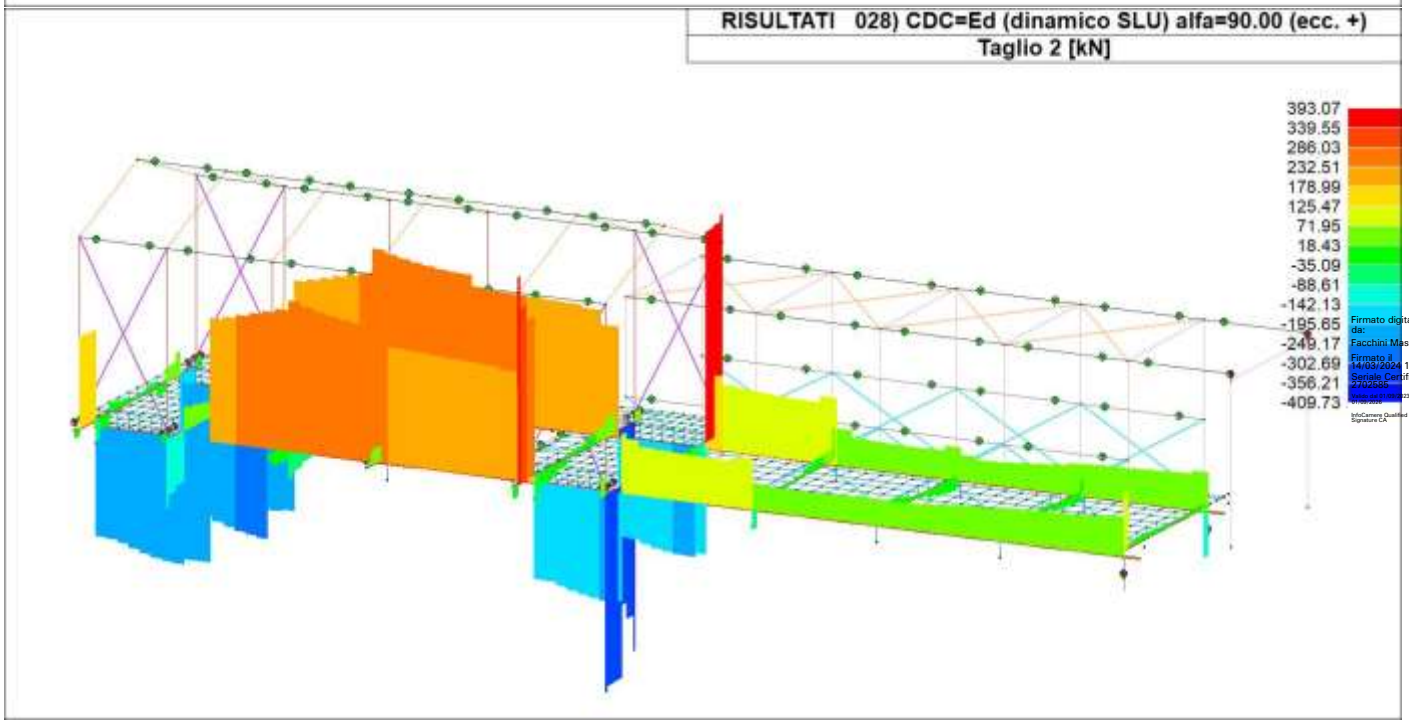

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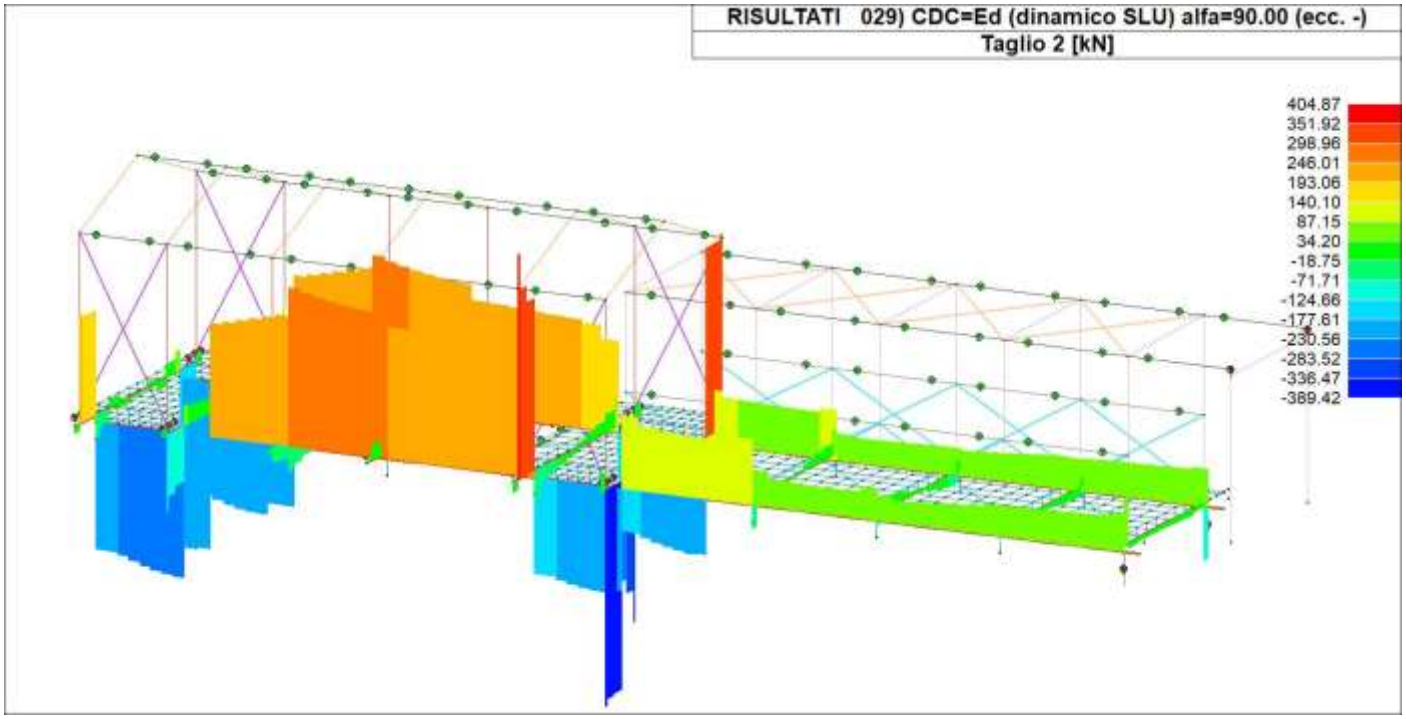

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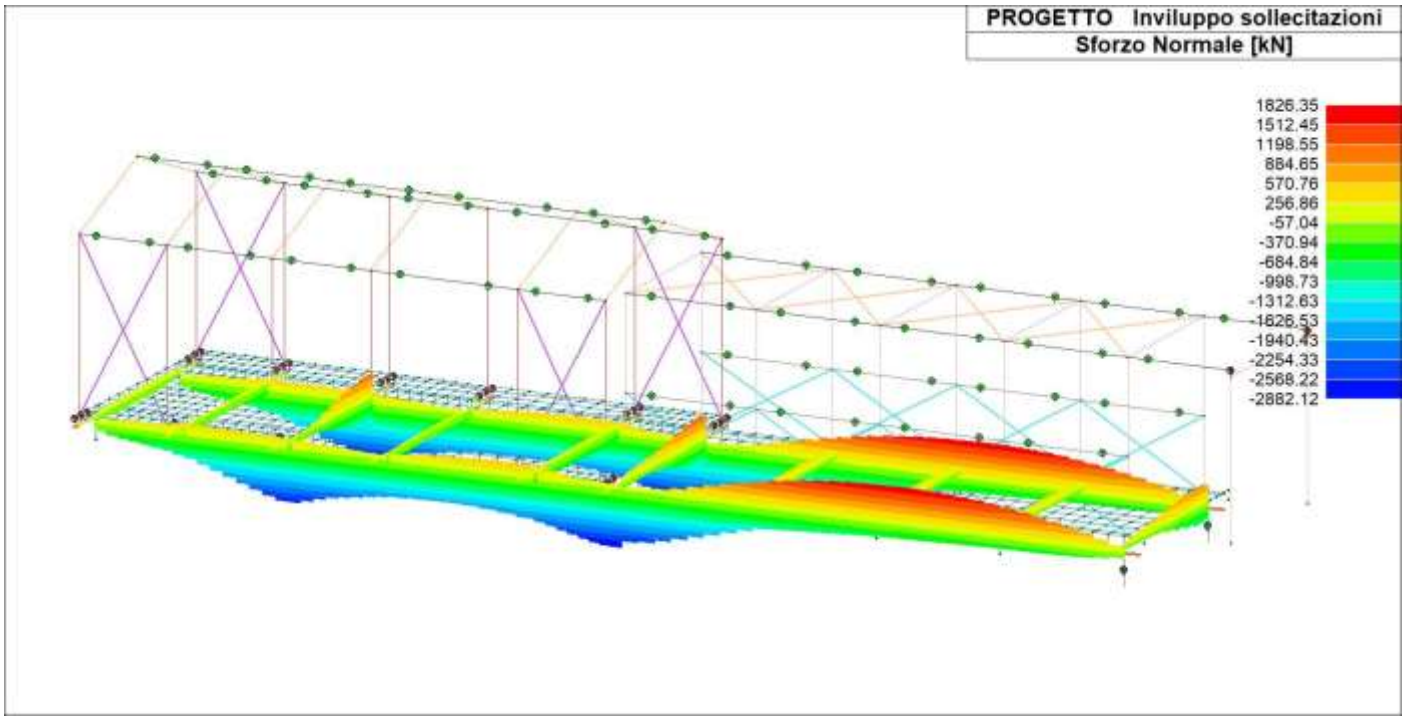
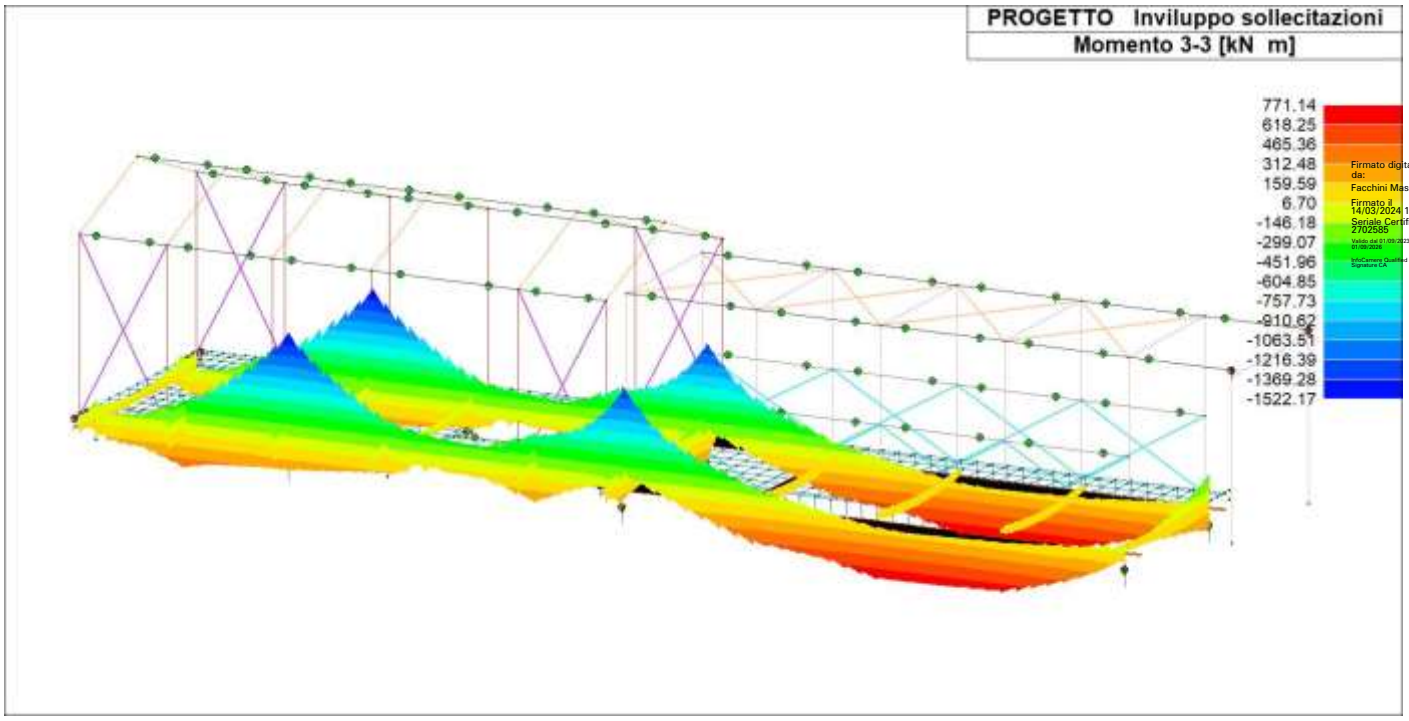
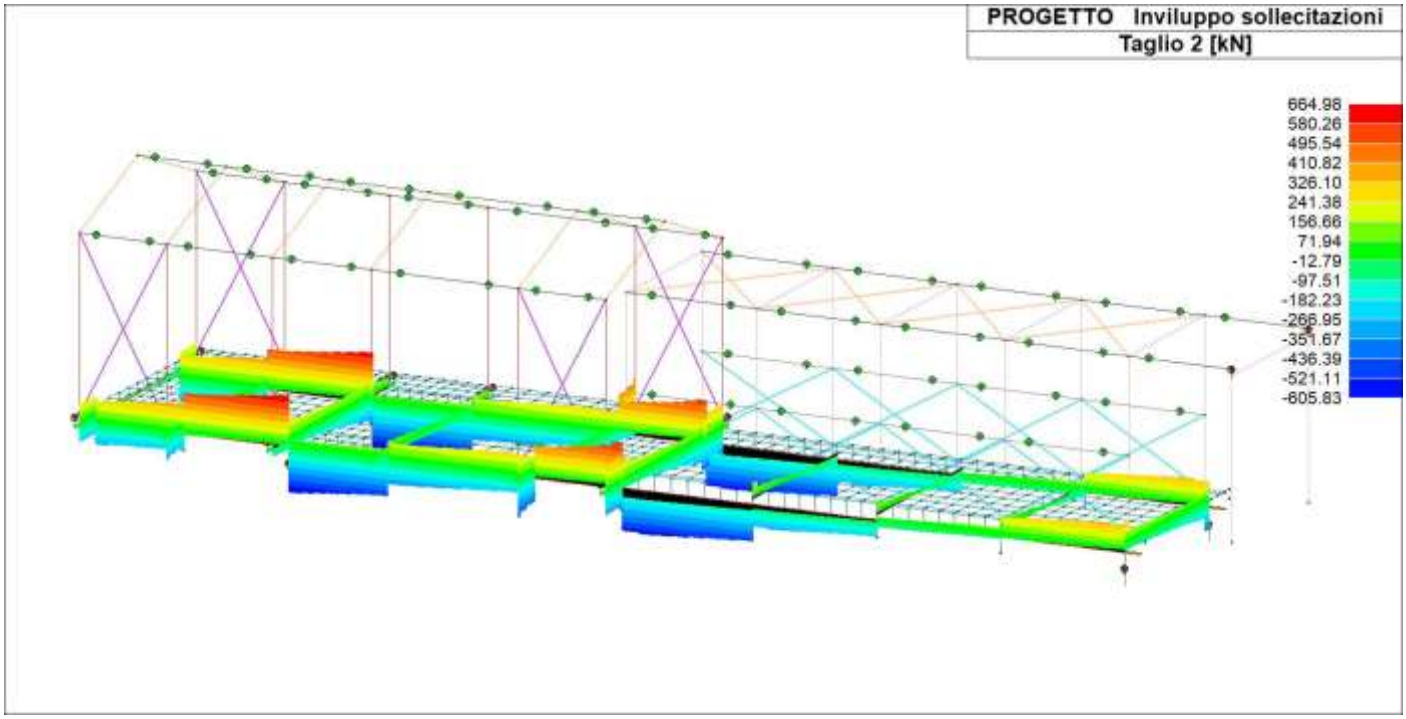
10.4.2 Inviluppo sollecitazioni travi imaplcato







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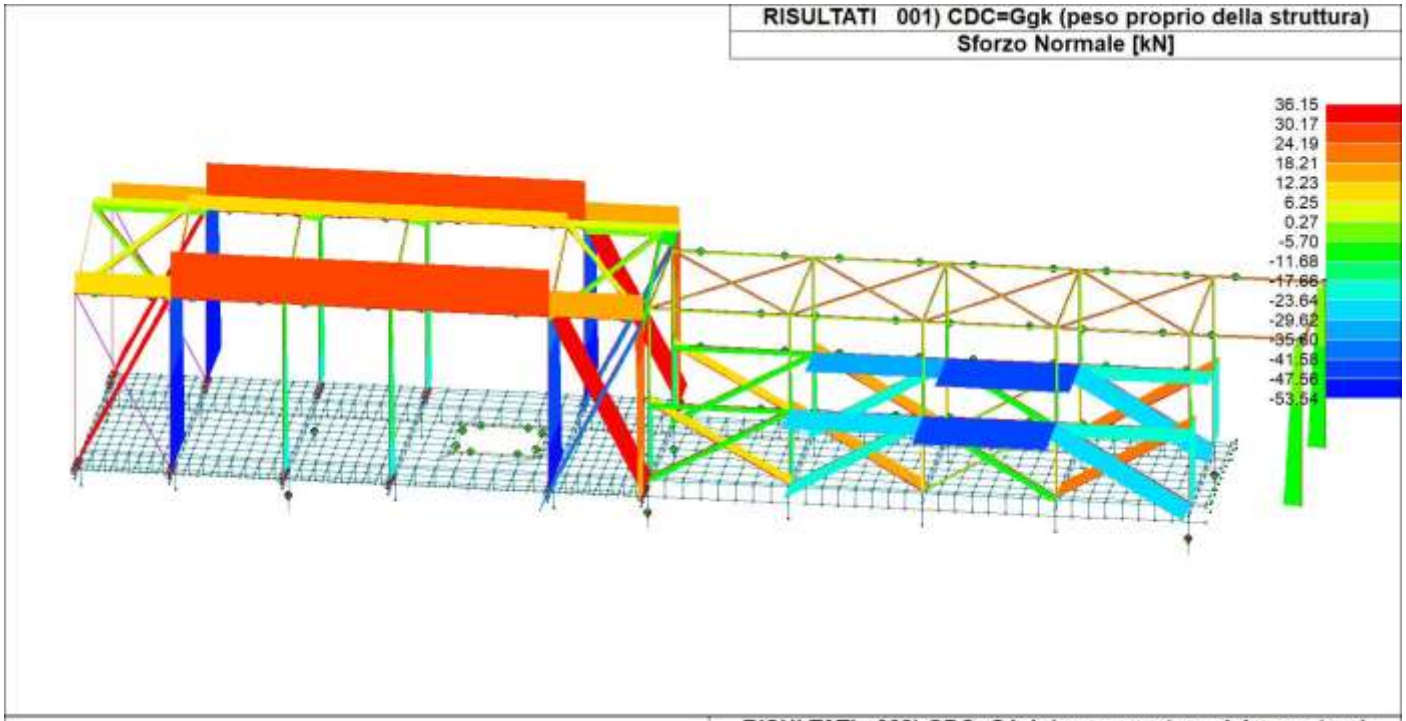
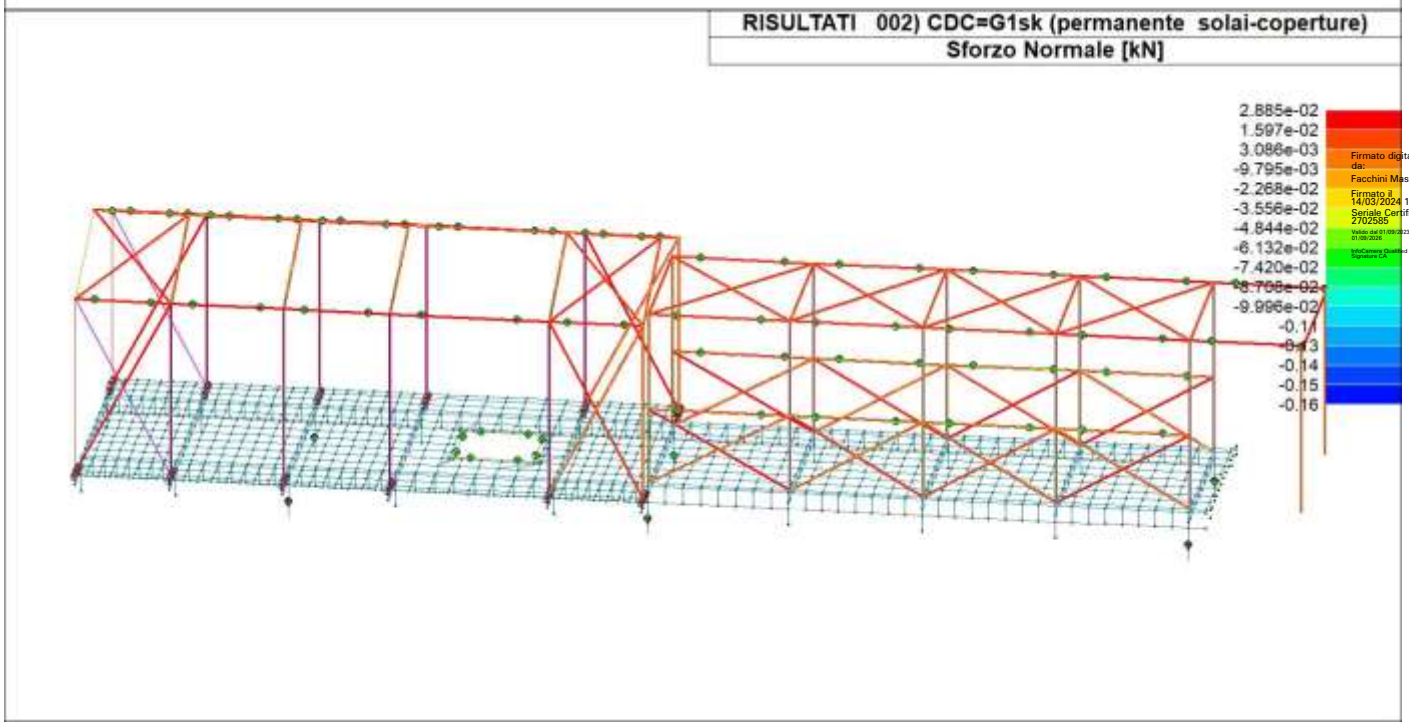
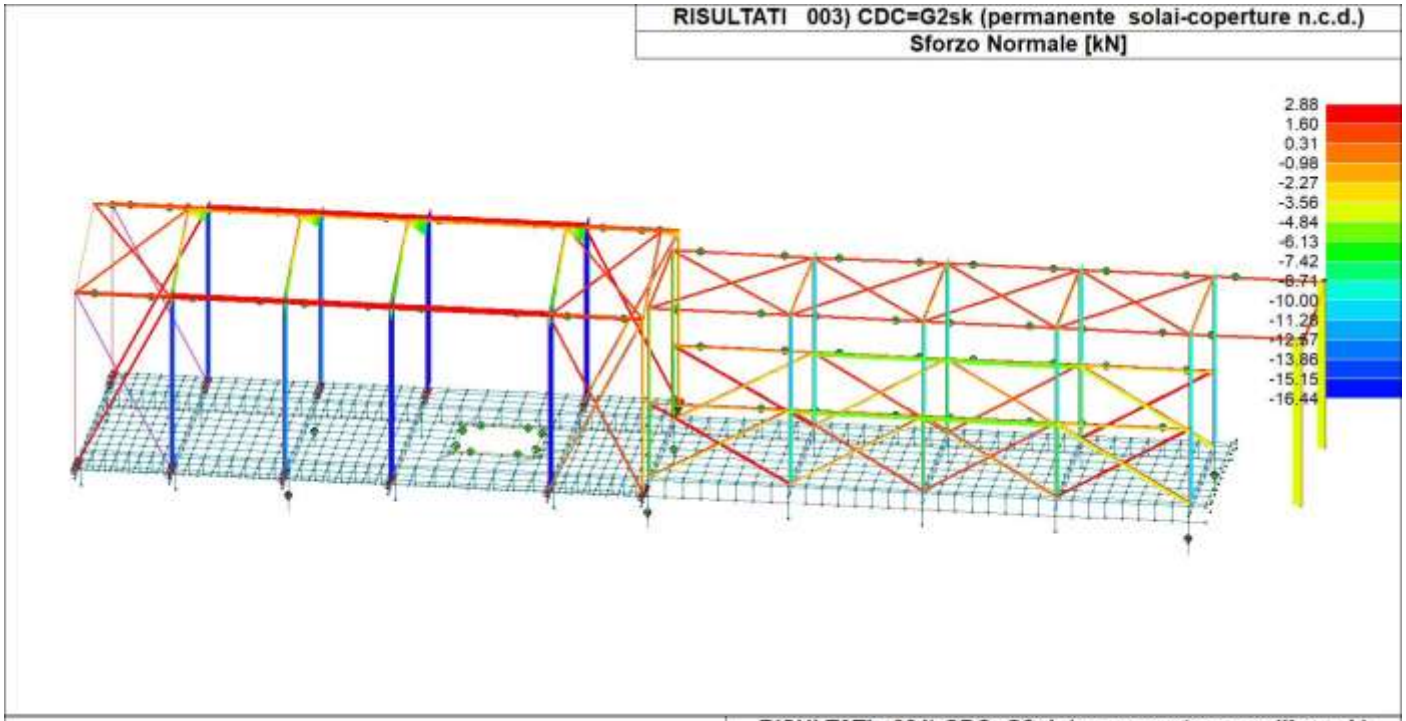
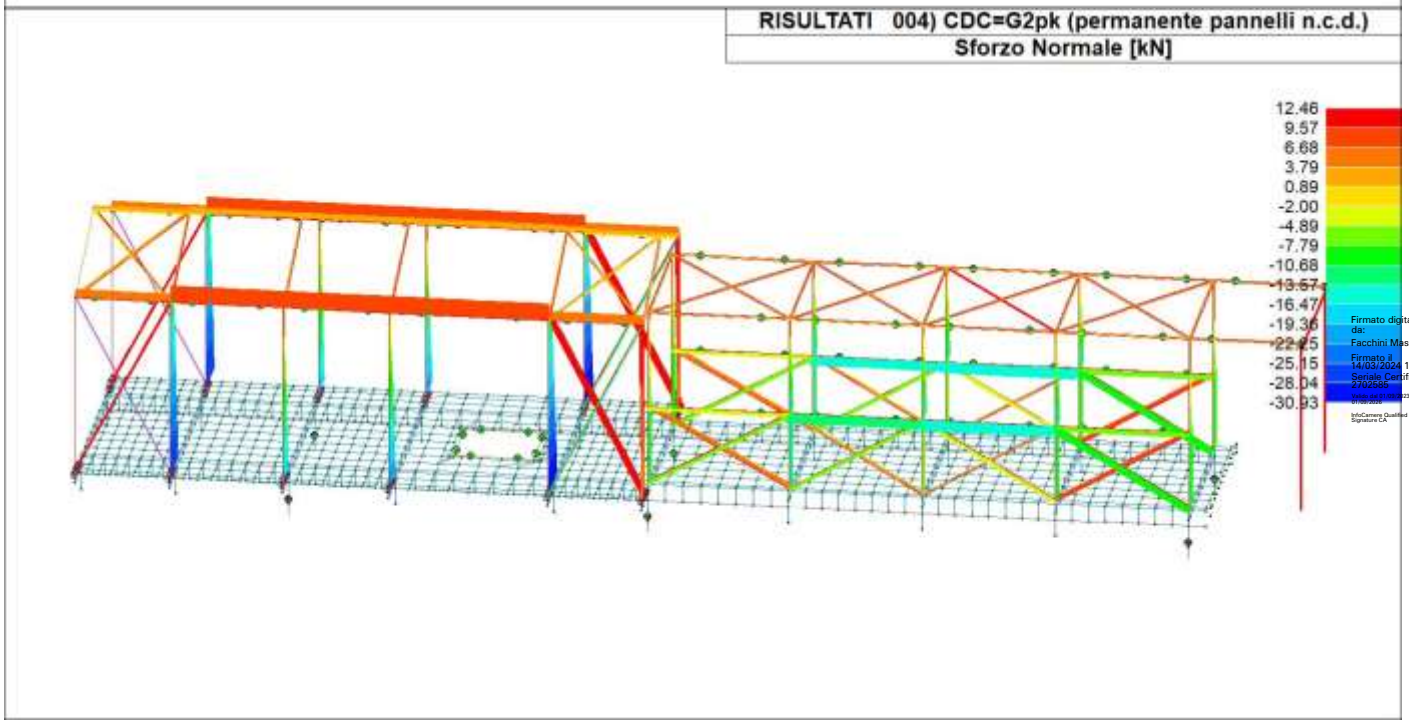
10.4.3 Sollecitazioni telai in elevazione per casi di carico









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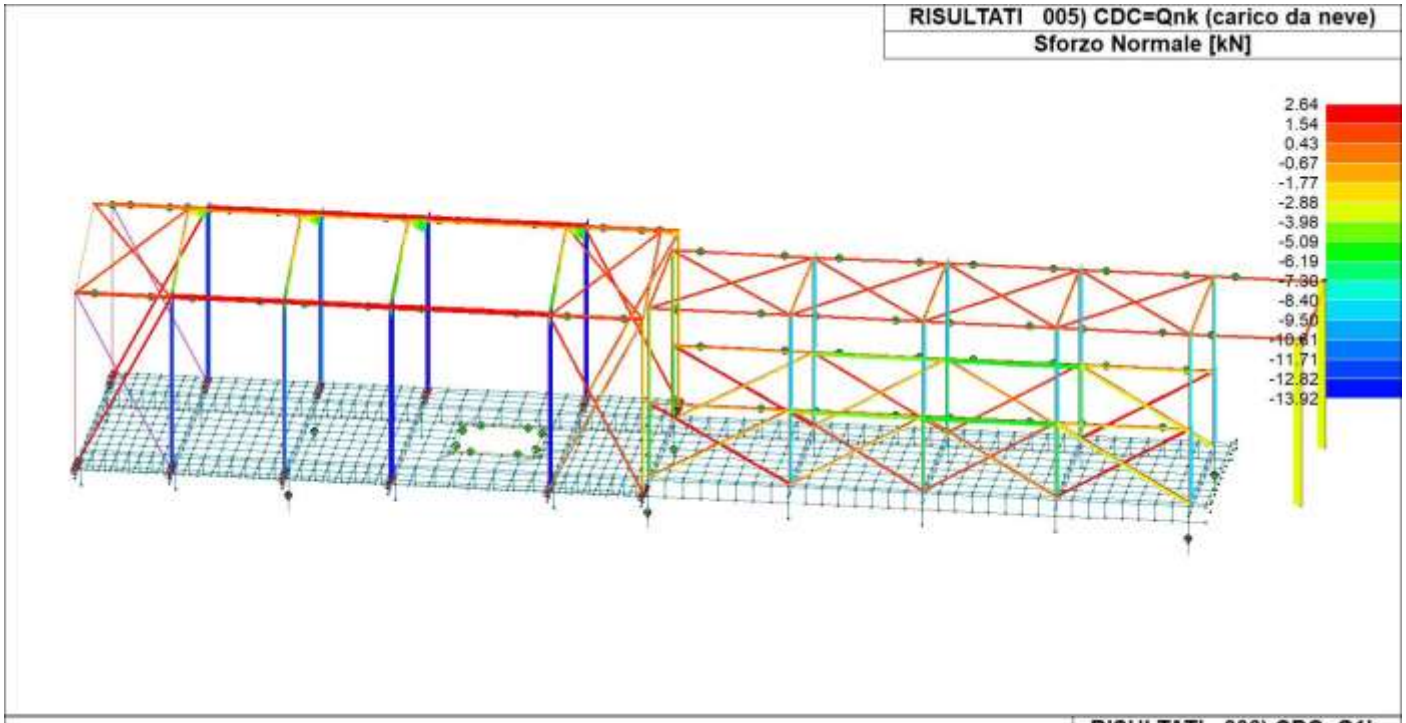

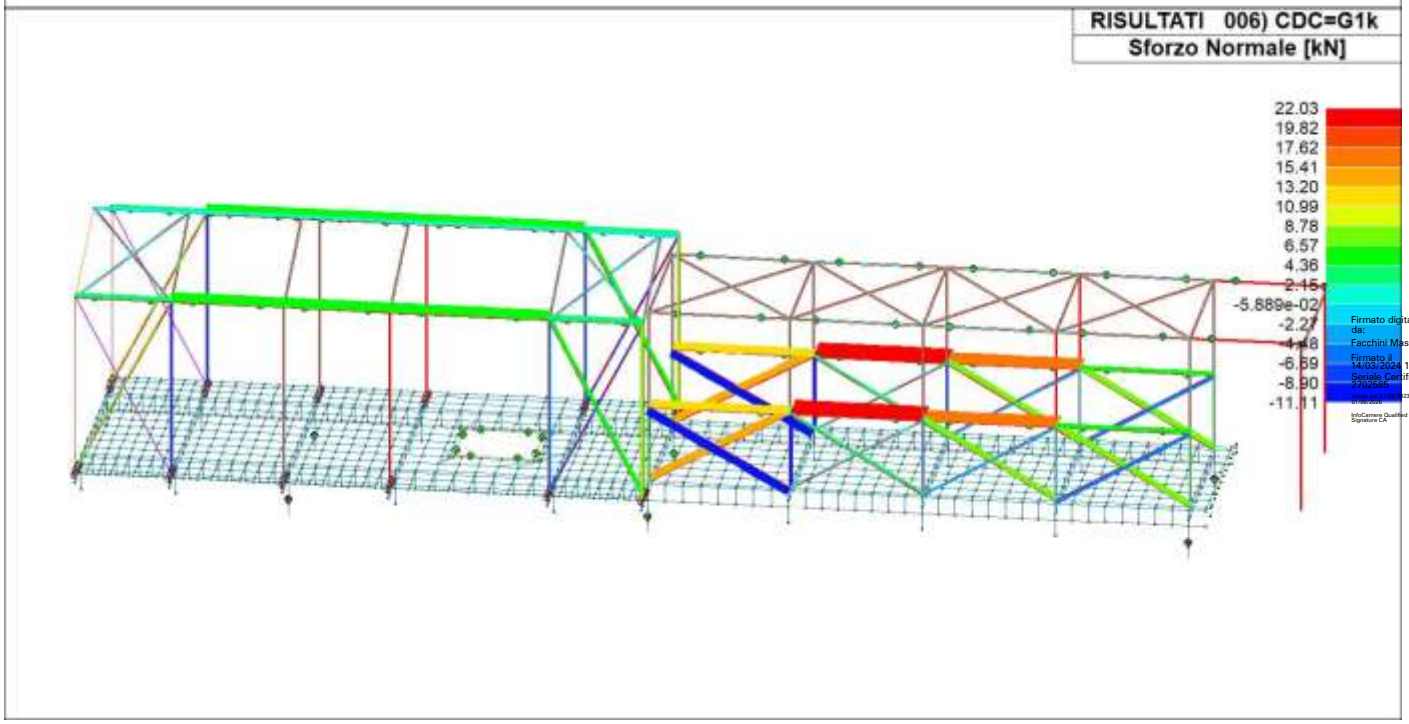

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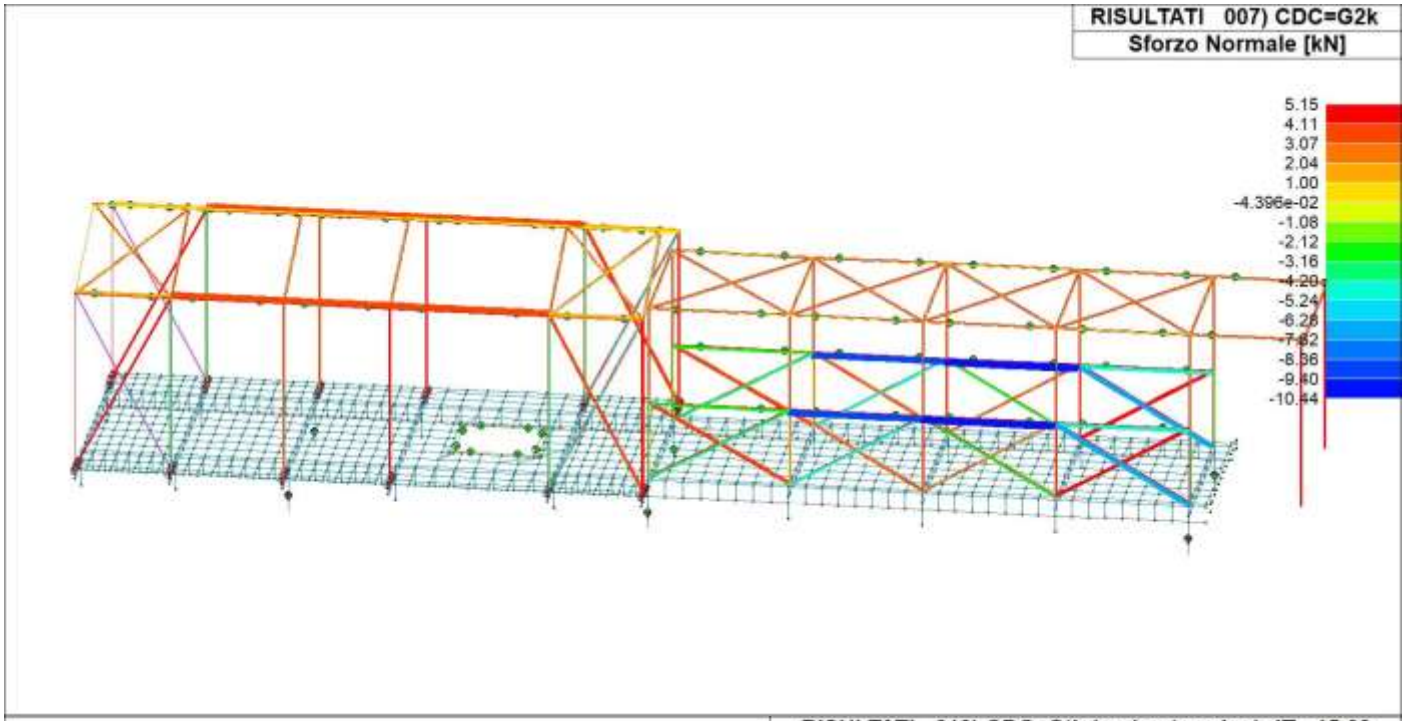

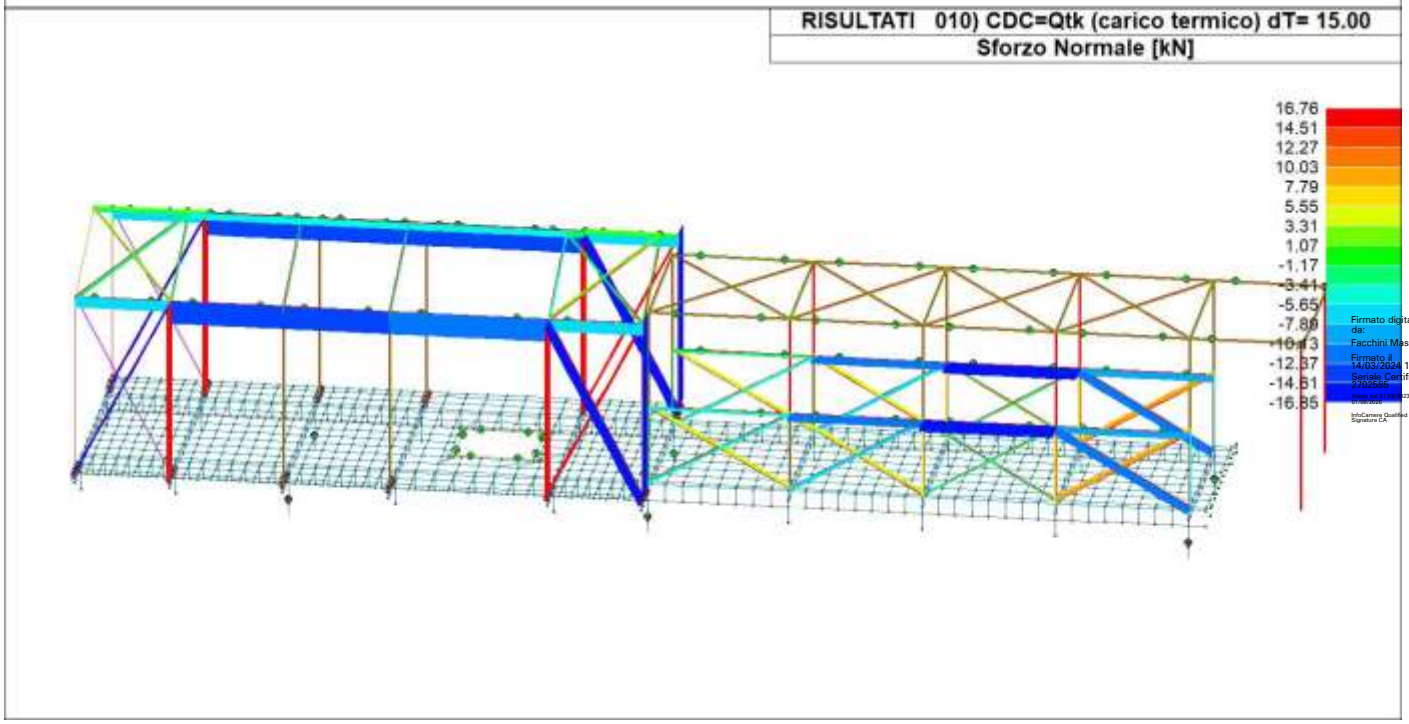

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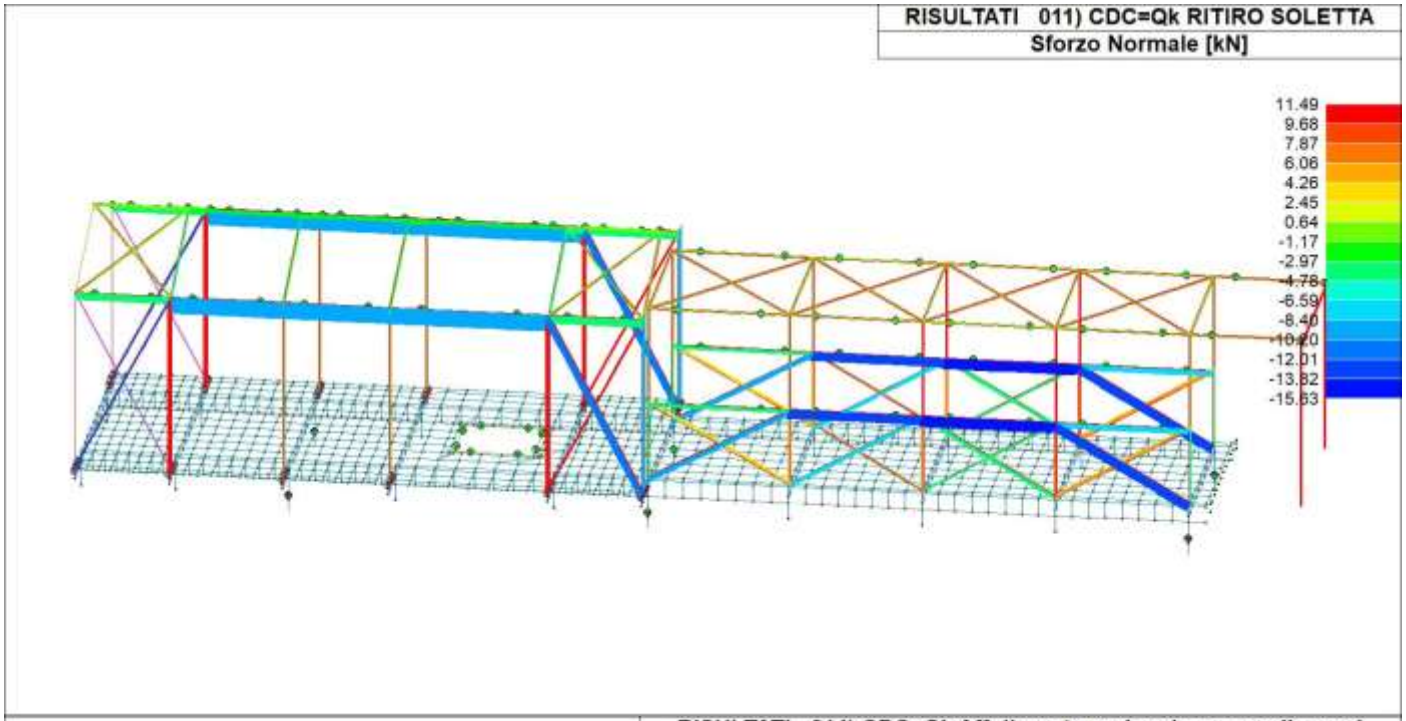

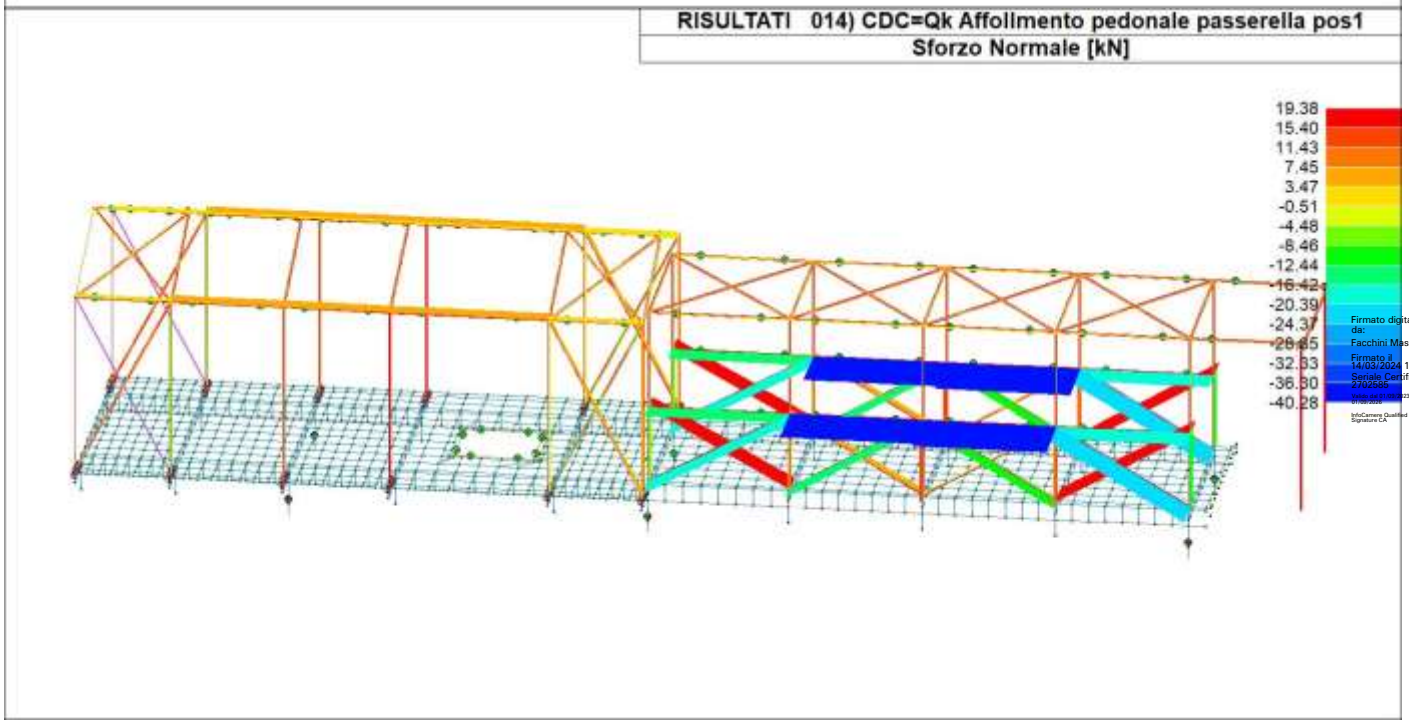

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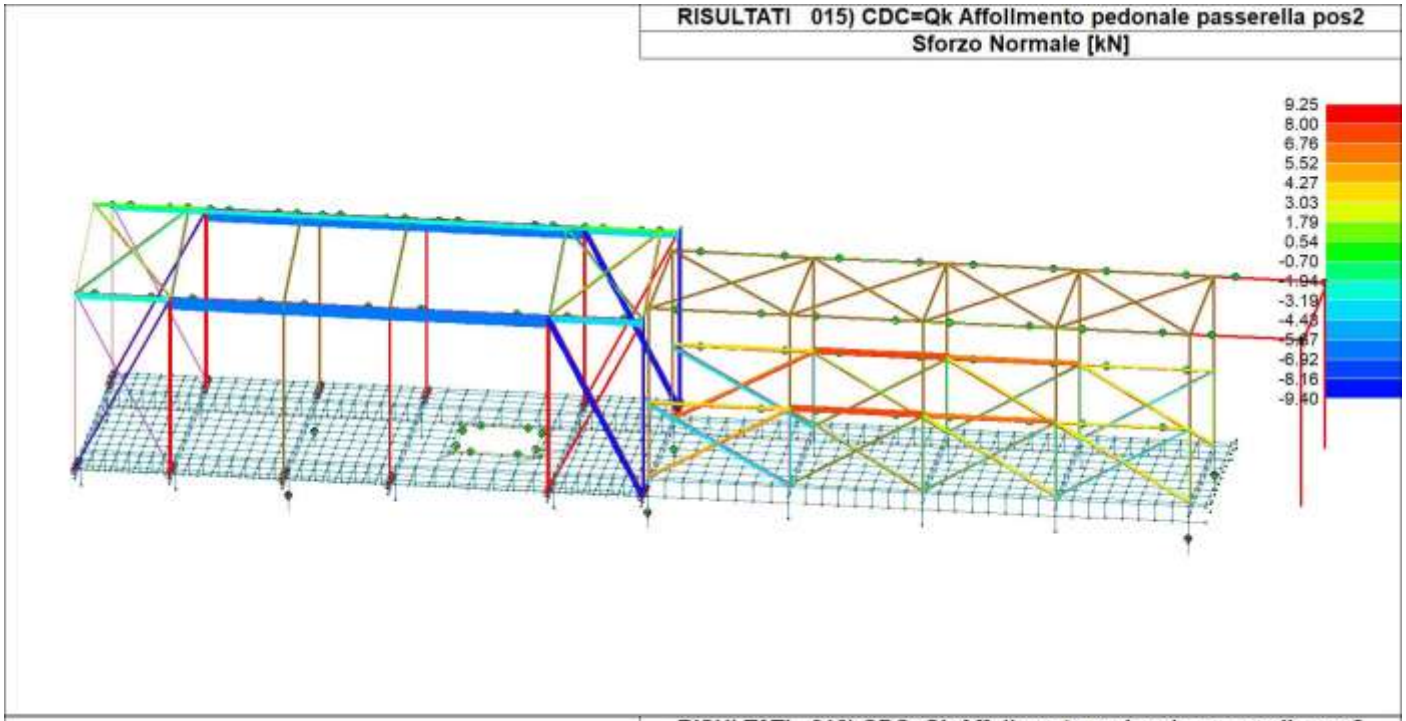

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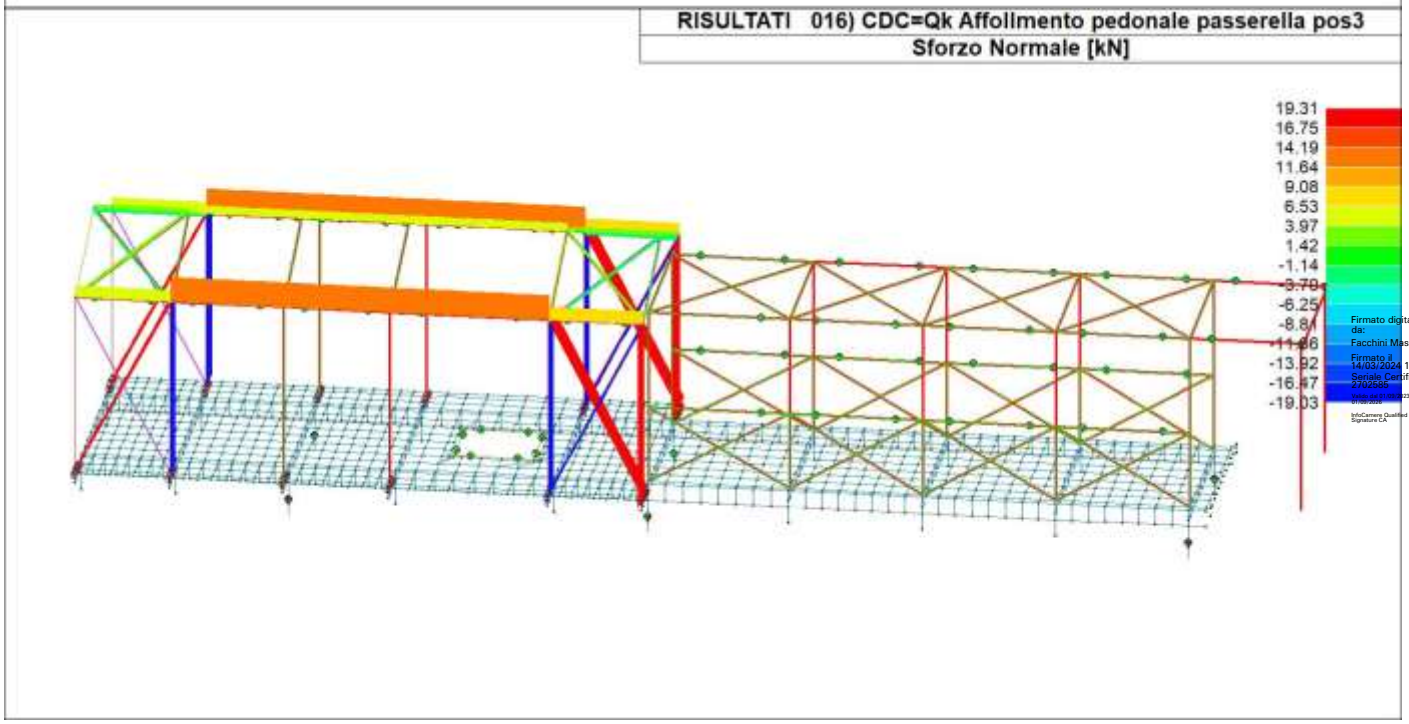
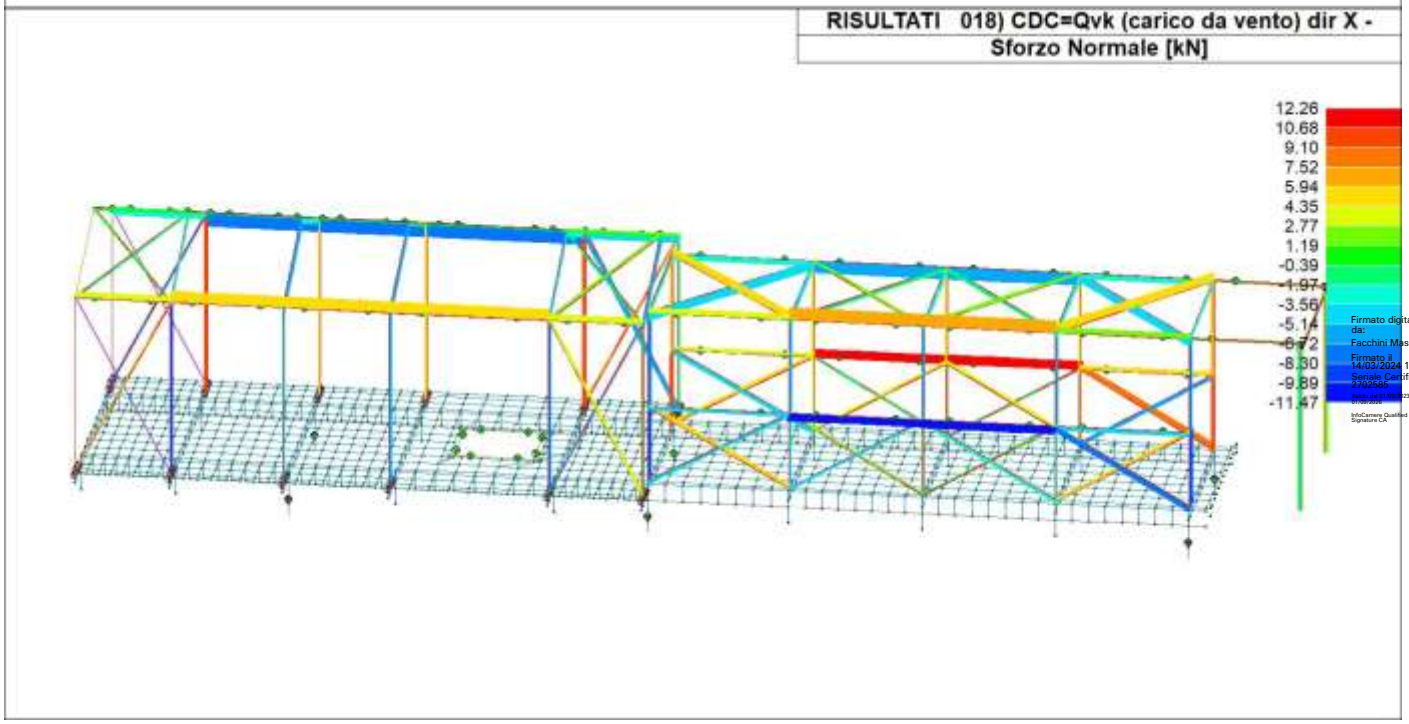
Sforzo Normale [kN]
9.25
8.00
6.76
5.52
4.27
3.03
1.79
0.54
-0.70
-1.94
-3.19
-4.43
-5.67
-6.92
-8.16
-9.40



RISULTATI 016) CDC=Qk Affollmento pedonale passerella pos3
Sforzo Normale [kN]
19.31
16.75
14.19
11.64
9.08
6.53
3.97
1.42
-1.14
-3.79
-6.25
-8.81
-11.36
-13.92
-16.47
-19.03



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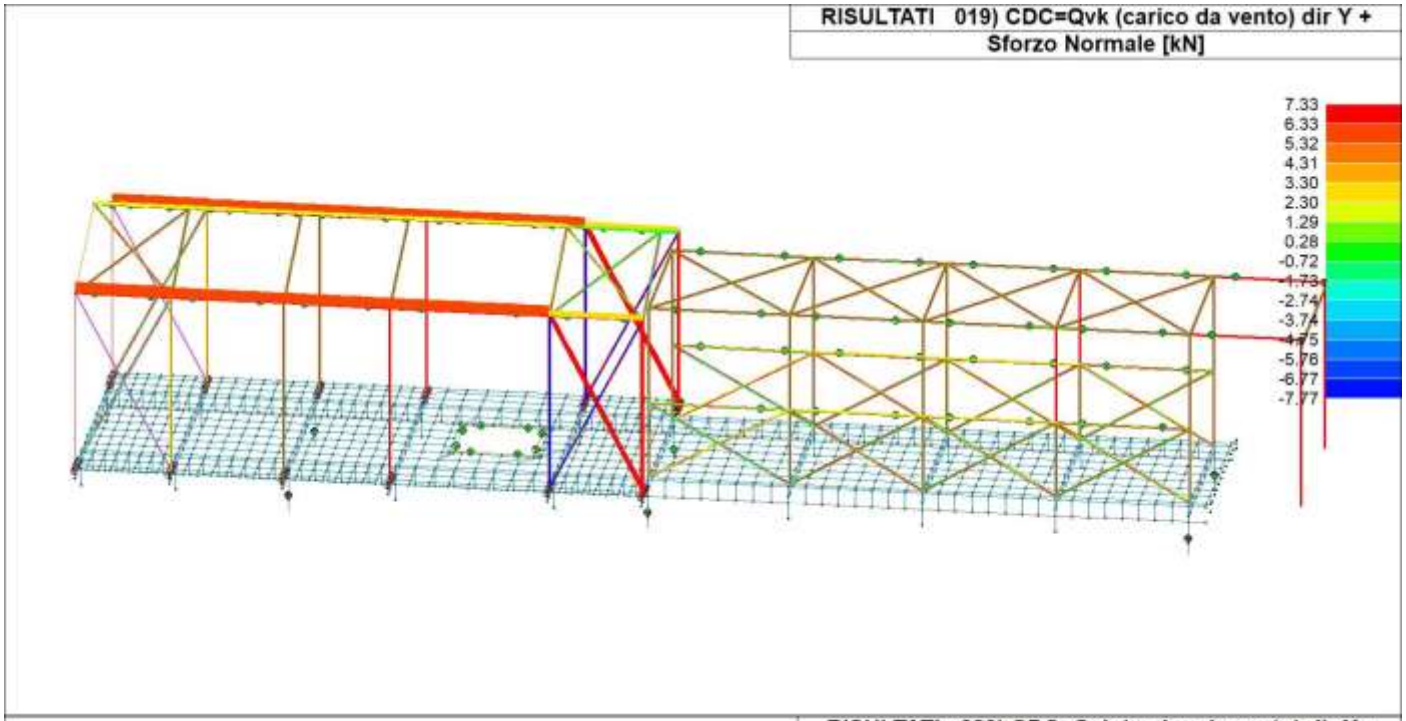

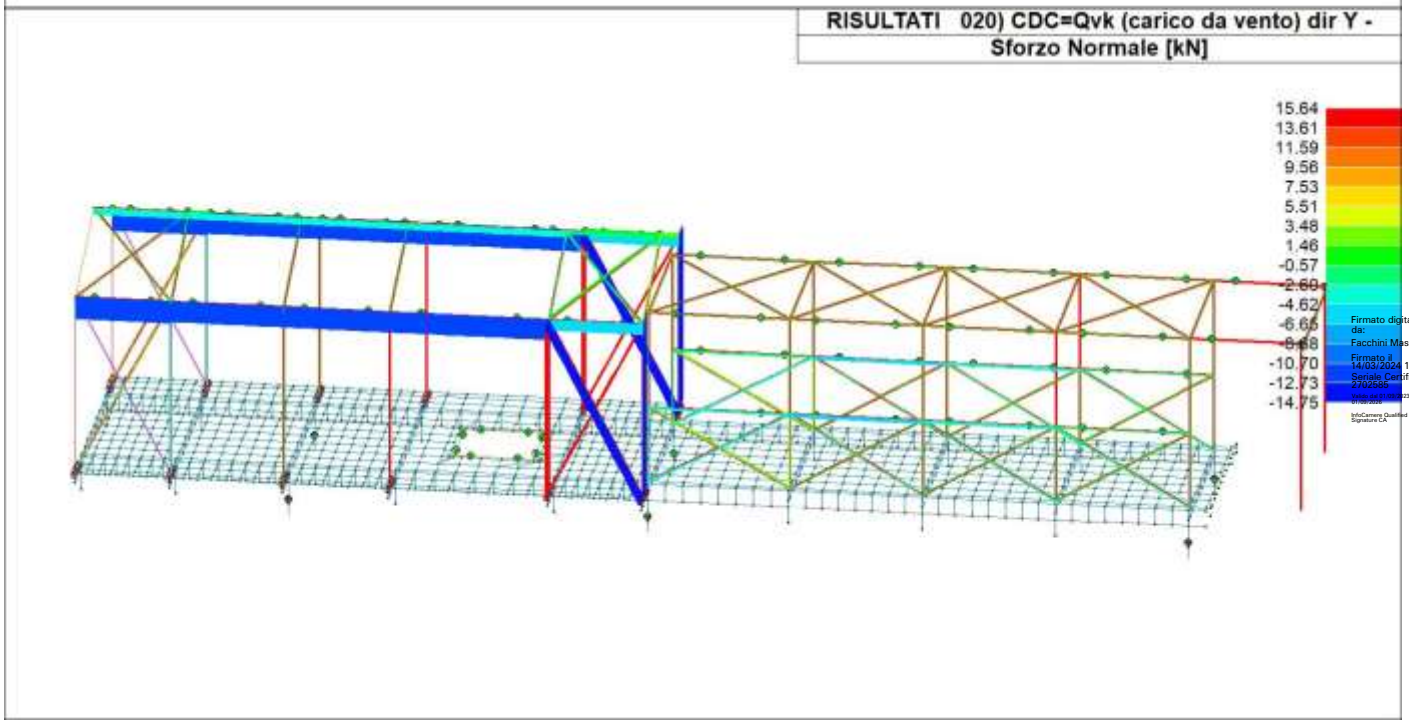

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Facchini Massimo
Firmato il
14/03/2024 18:24
Seriale Certificato:
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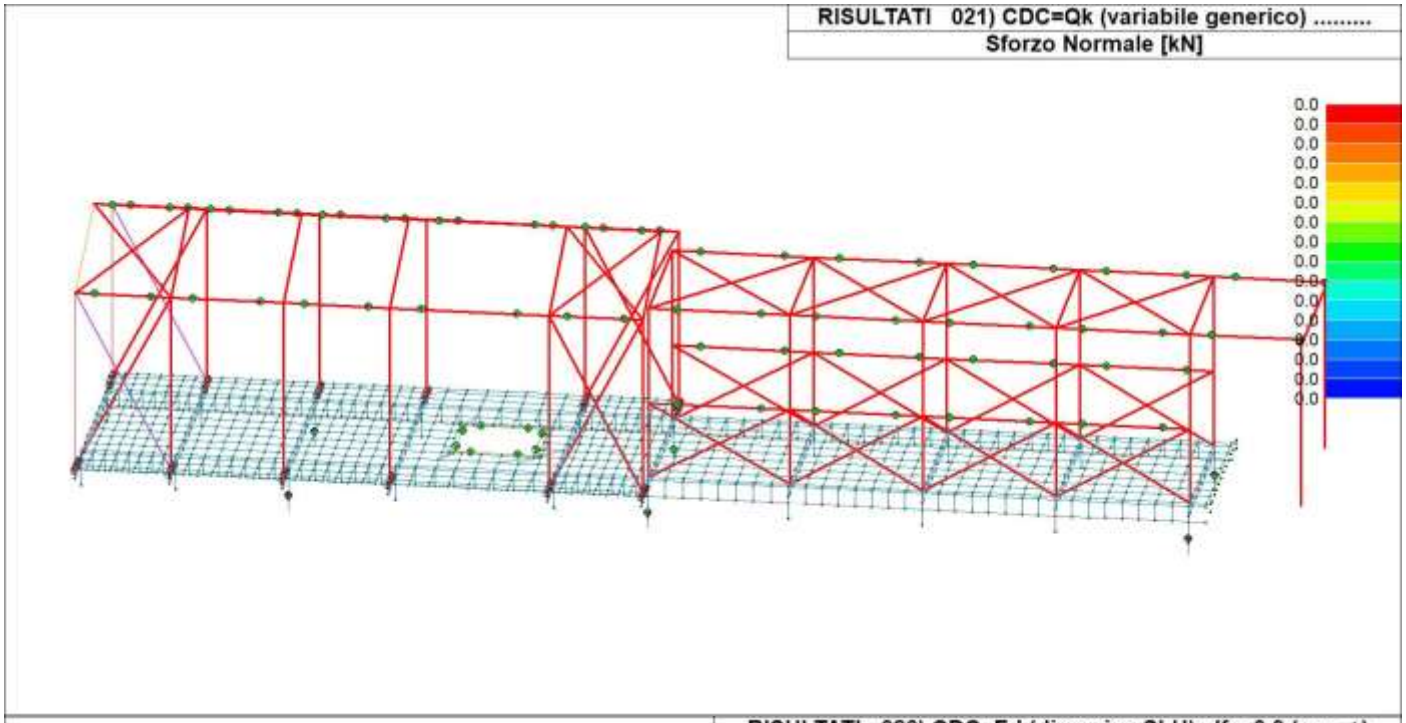

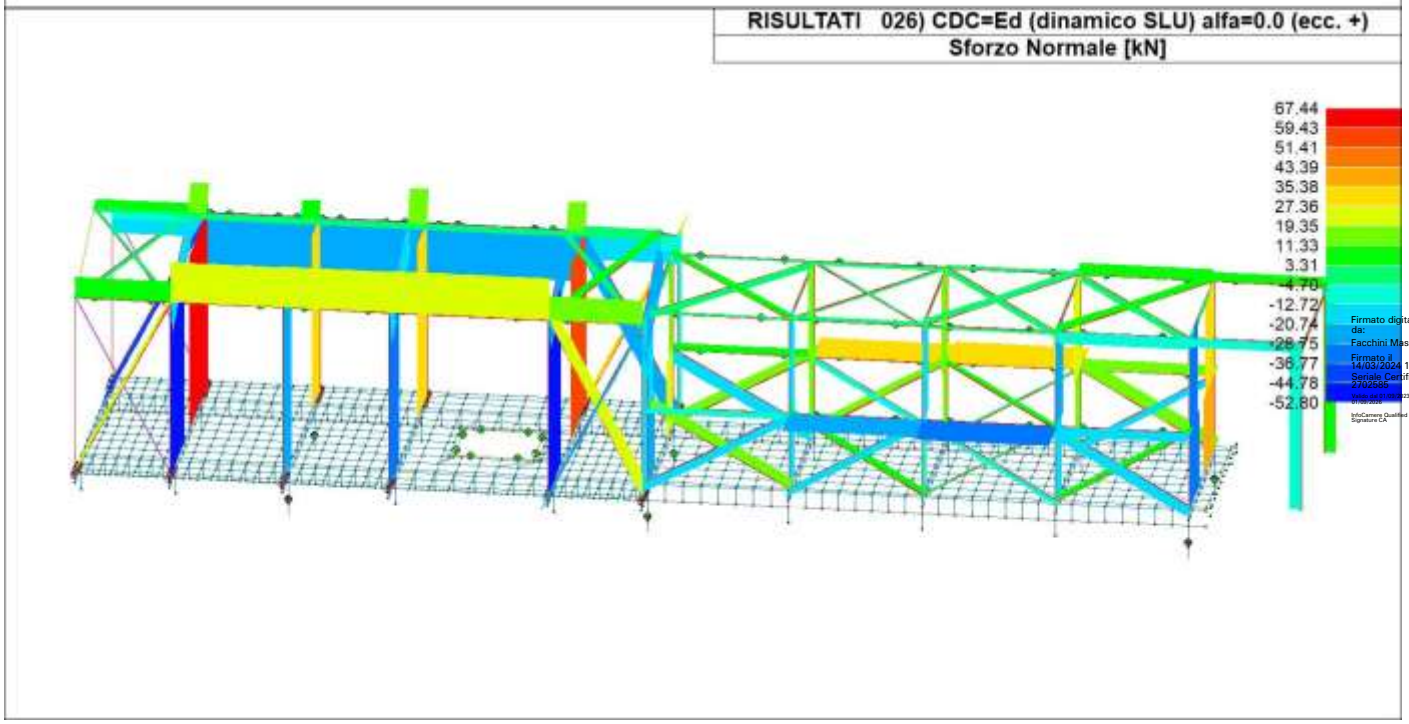

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Seriale Certificato:
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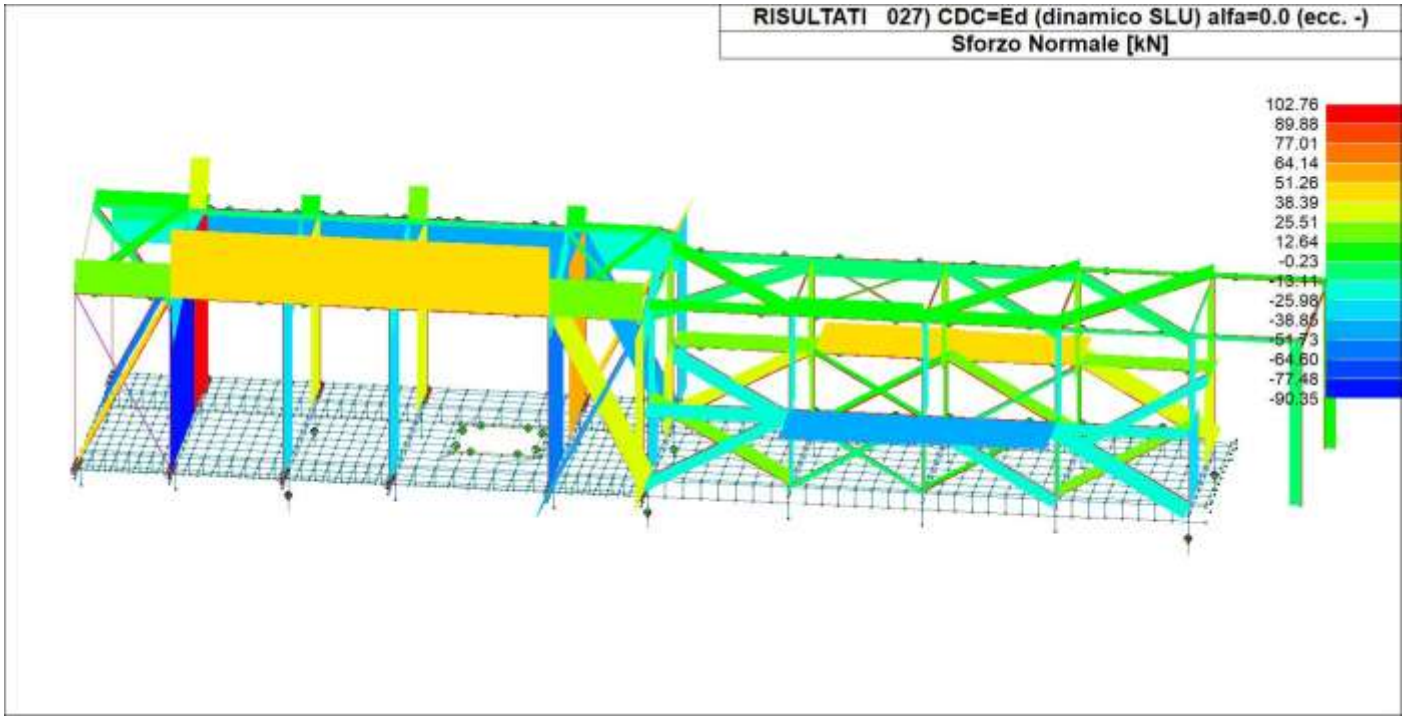

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Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
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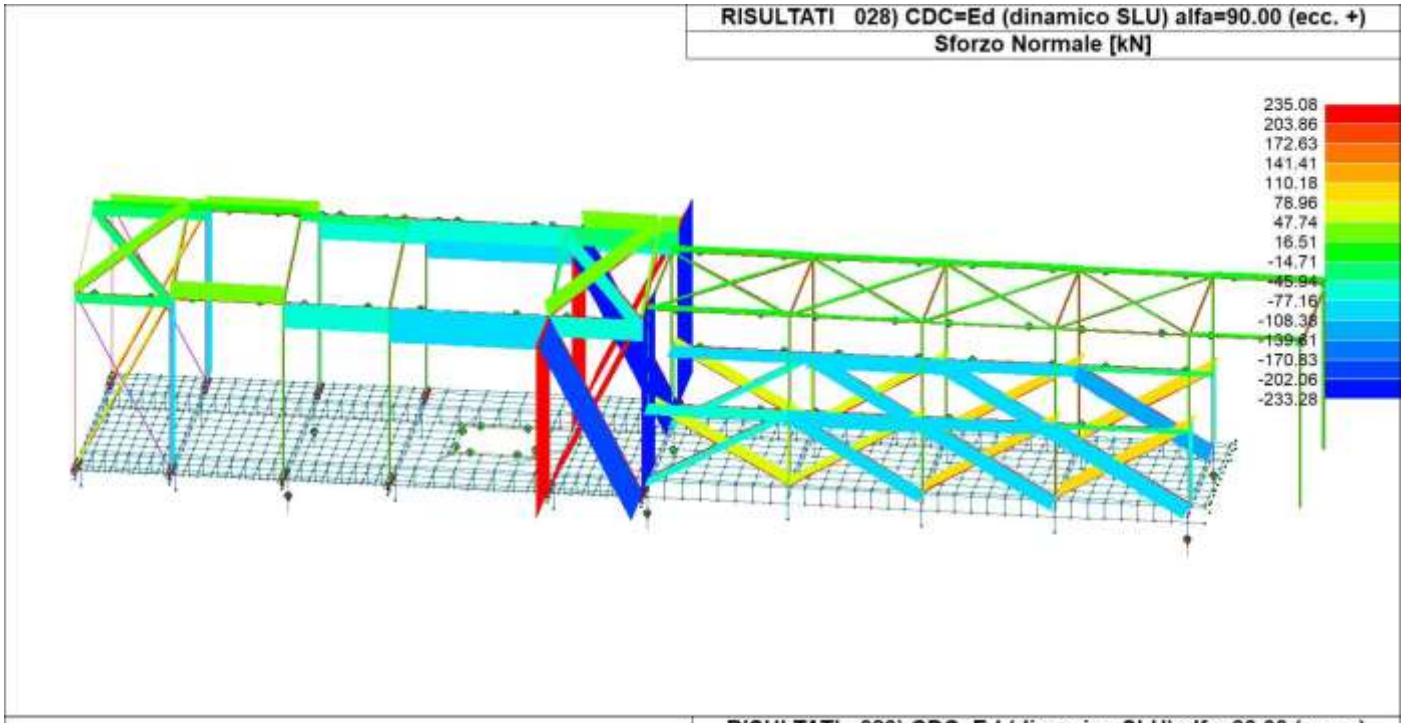

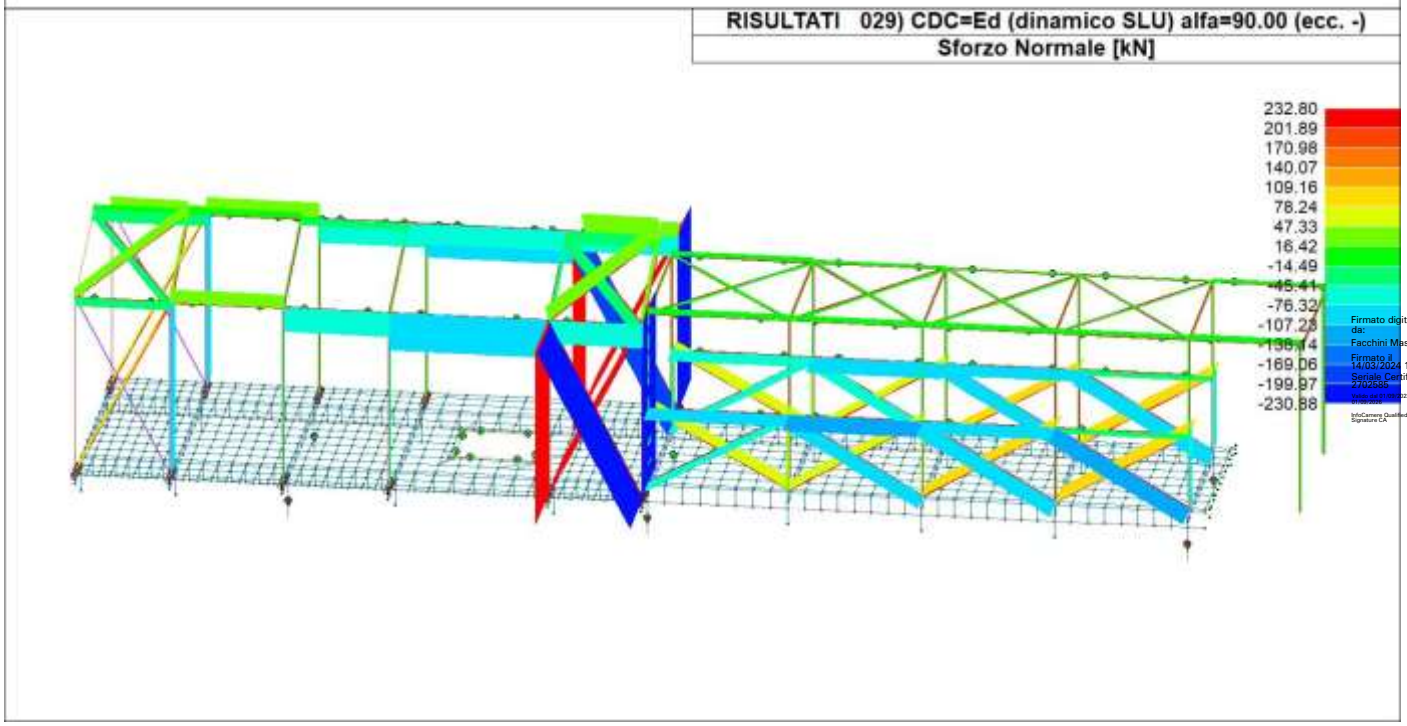

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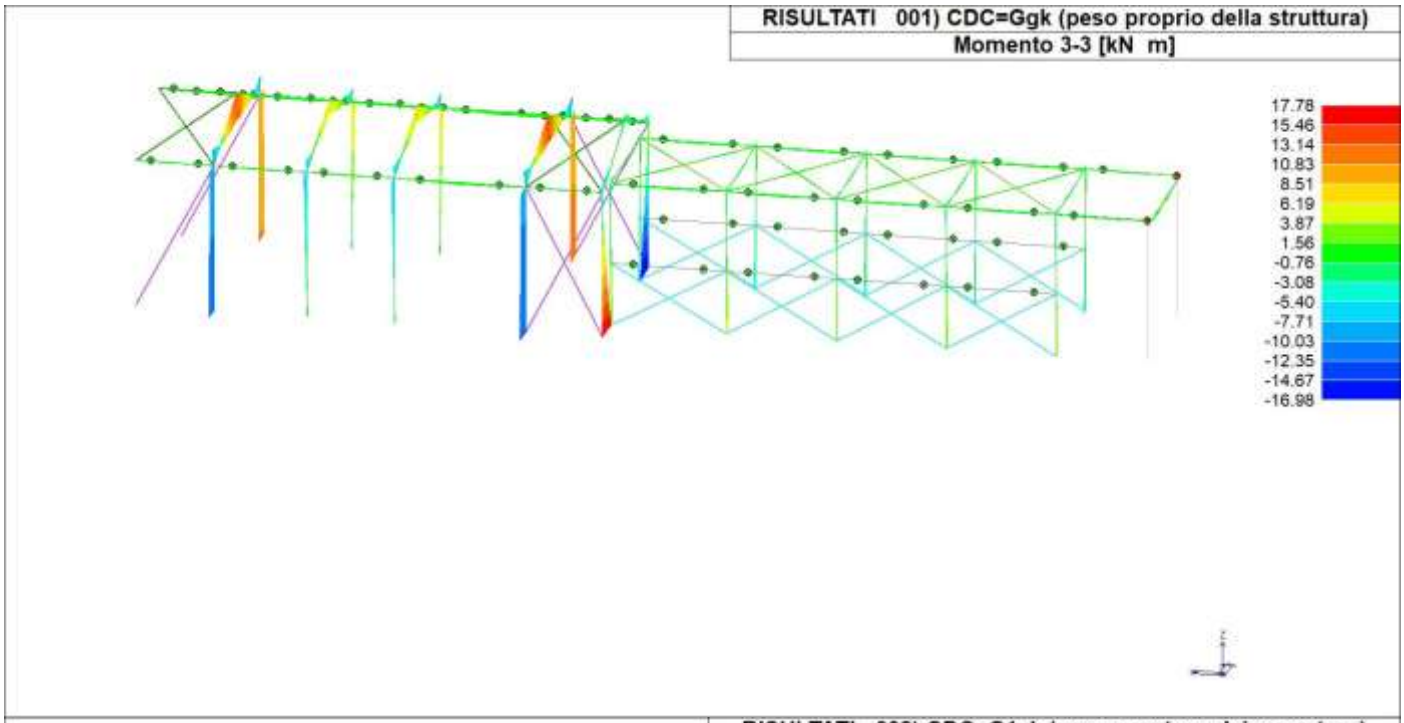

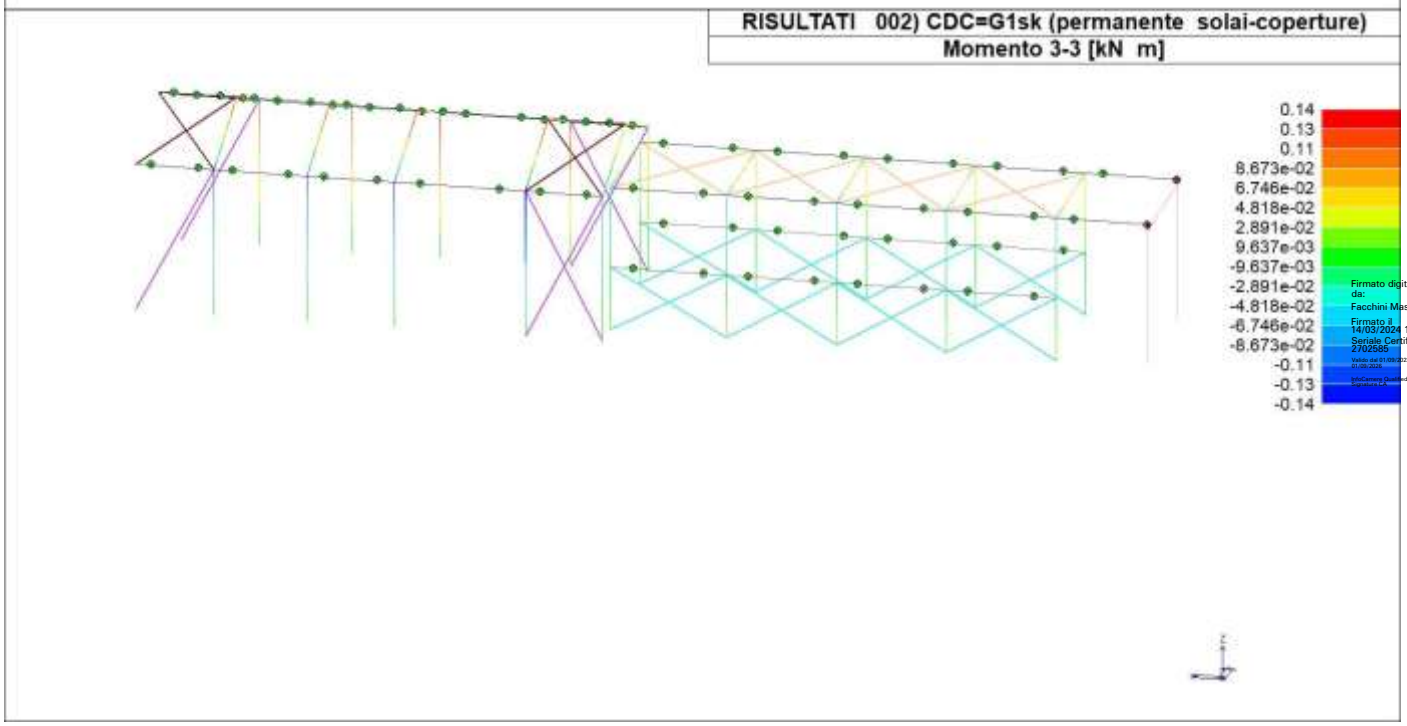

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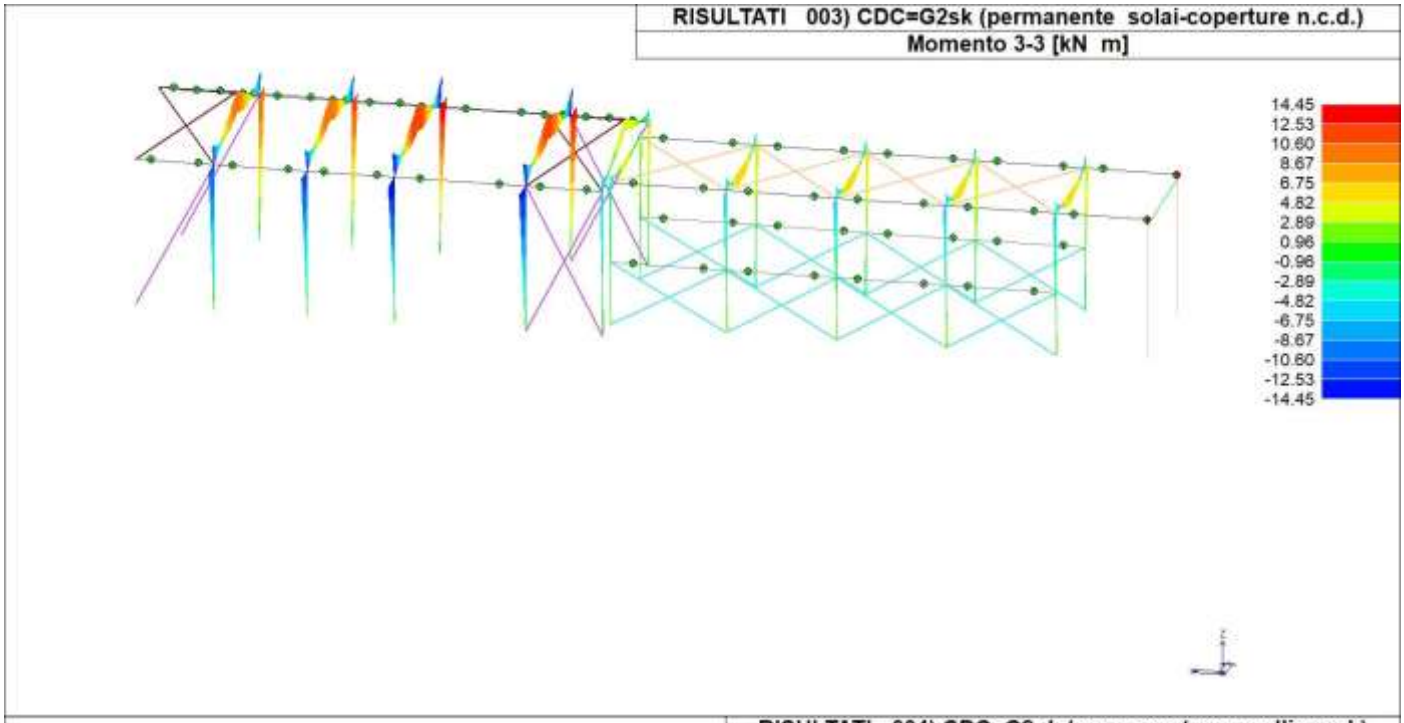
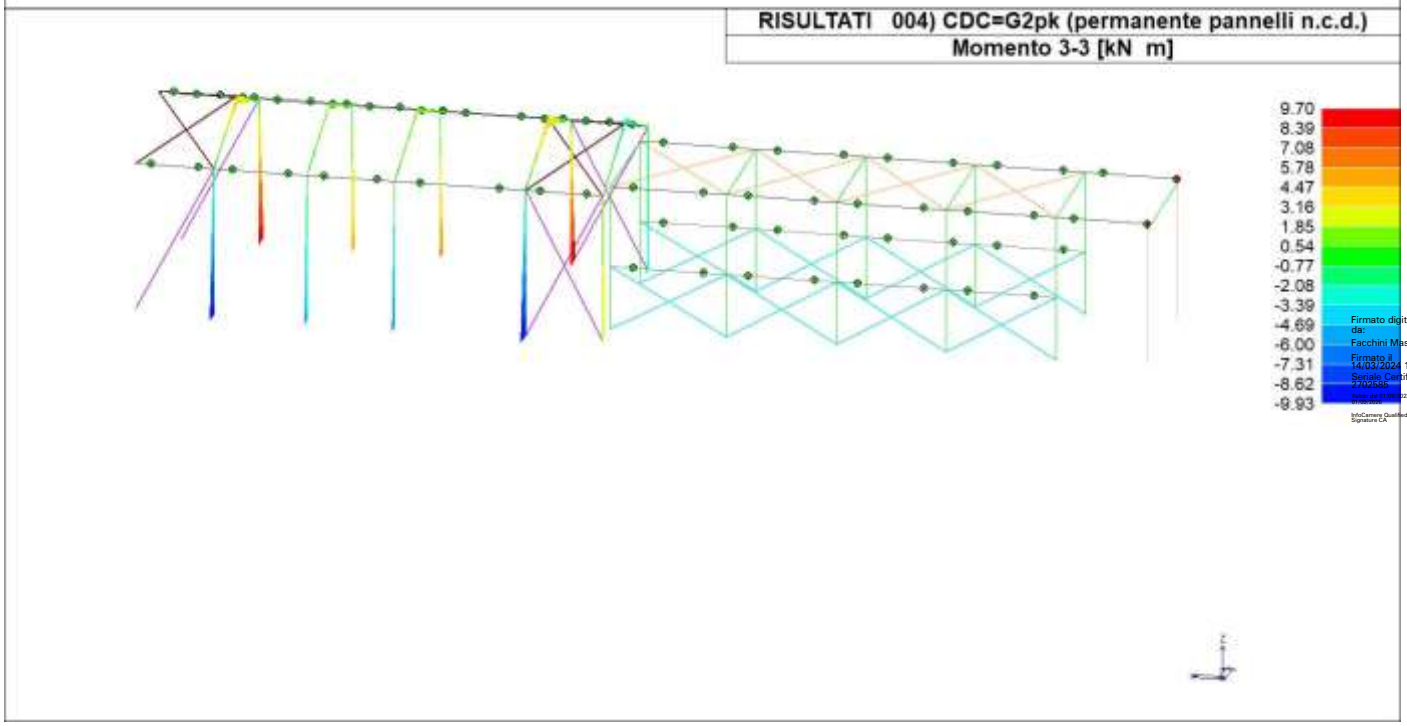
Seriale Certificato: 2702585





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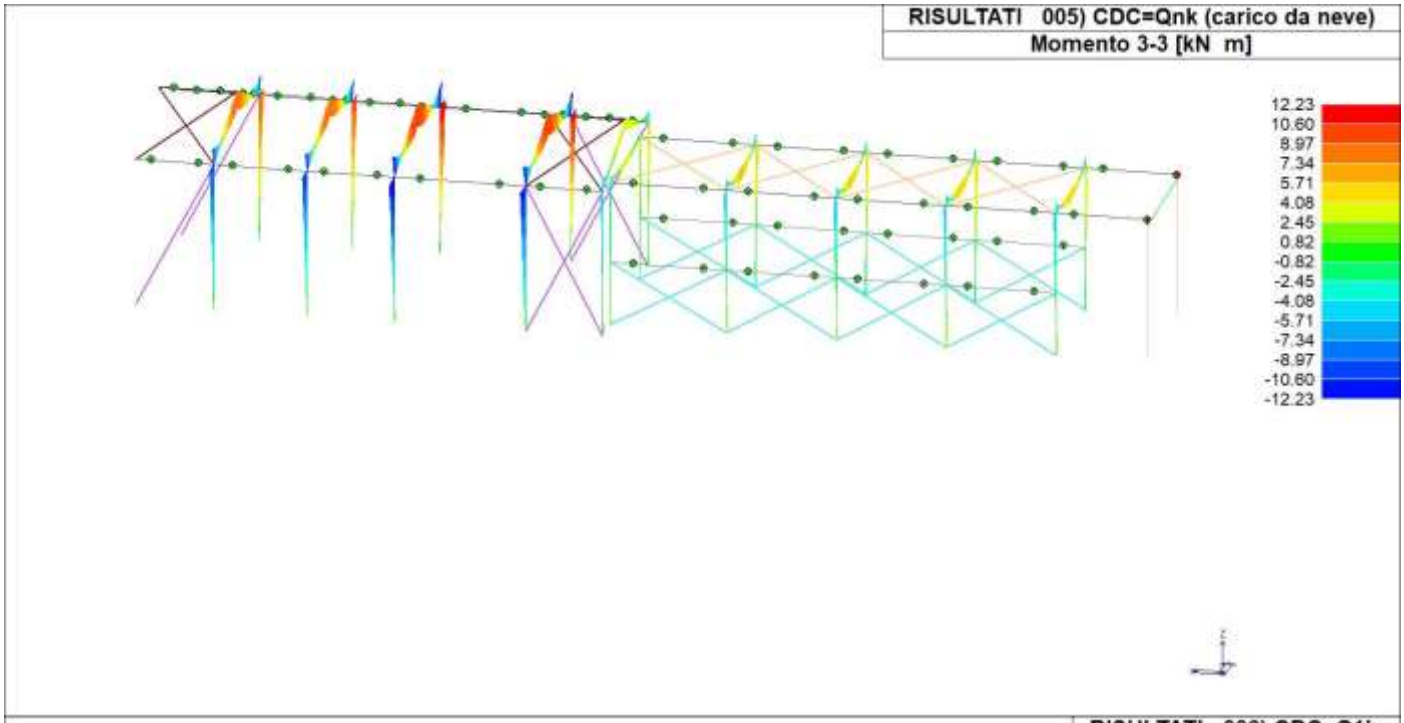

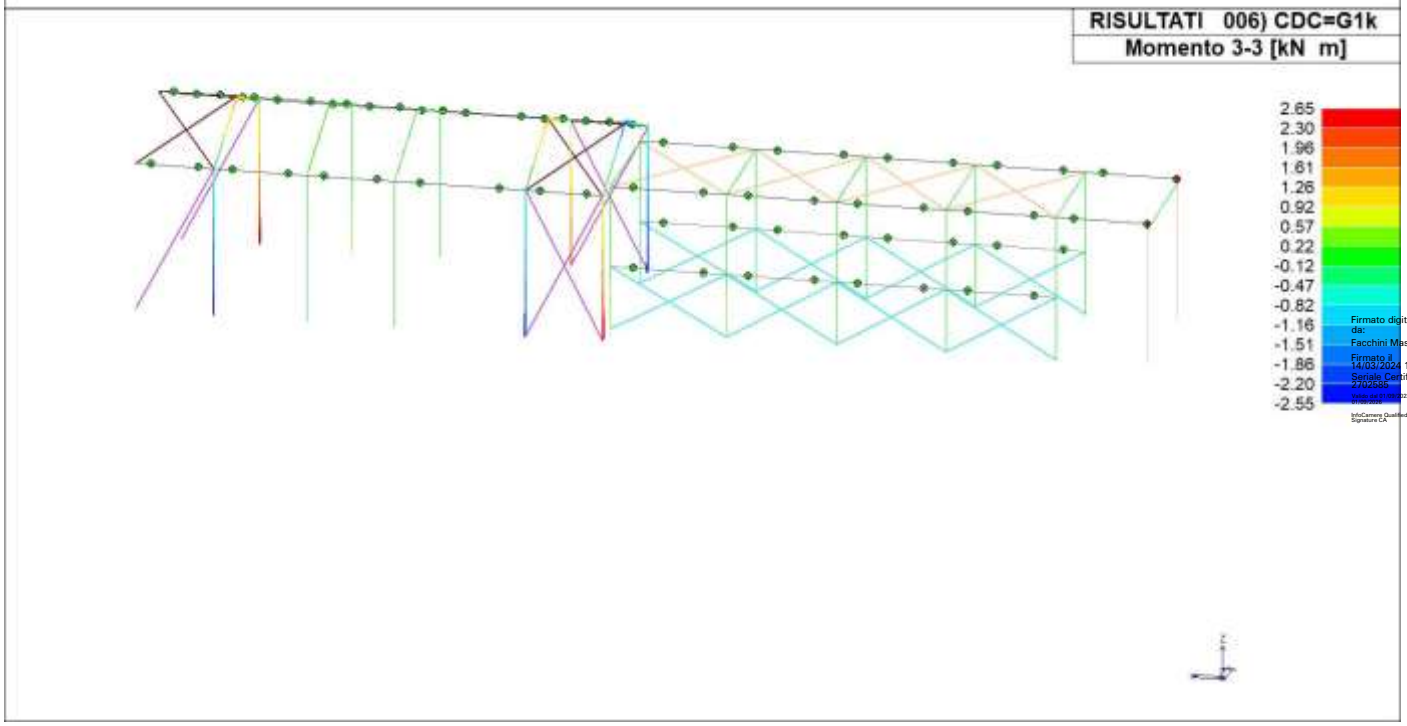

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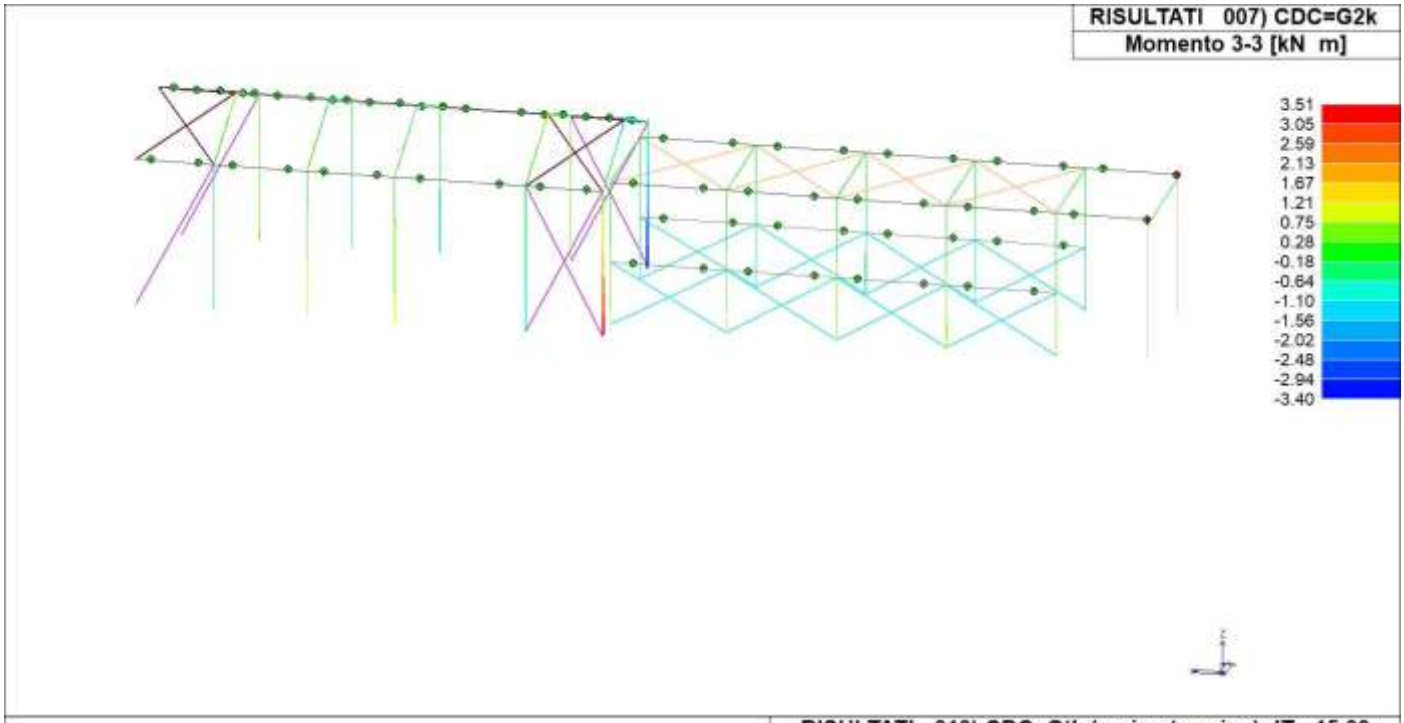

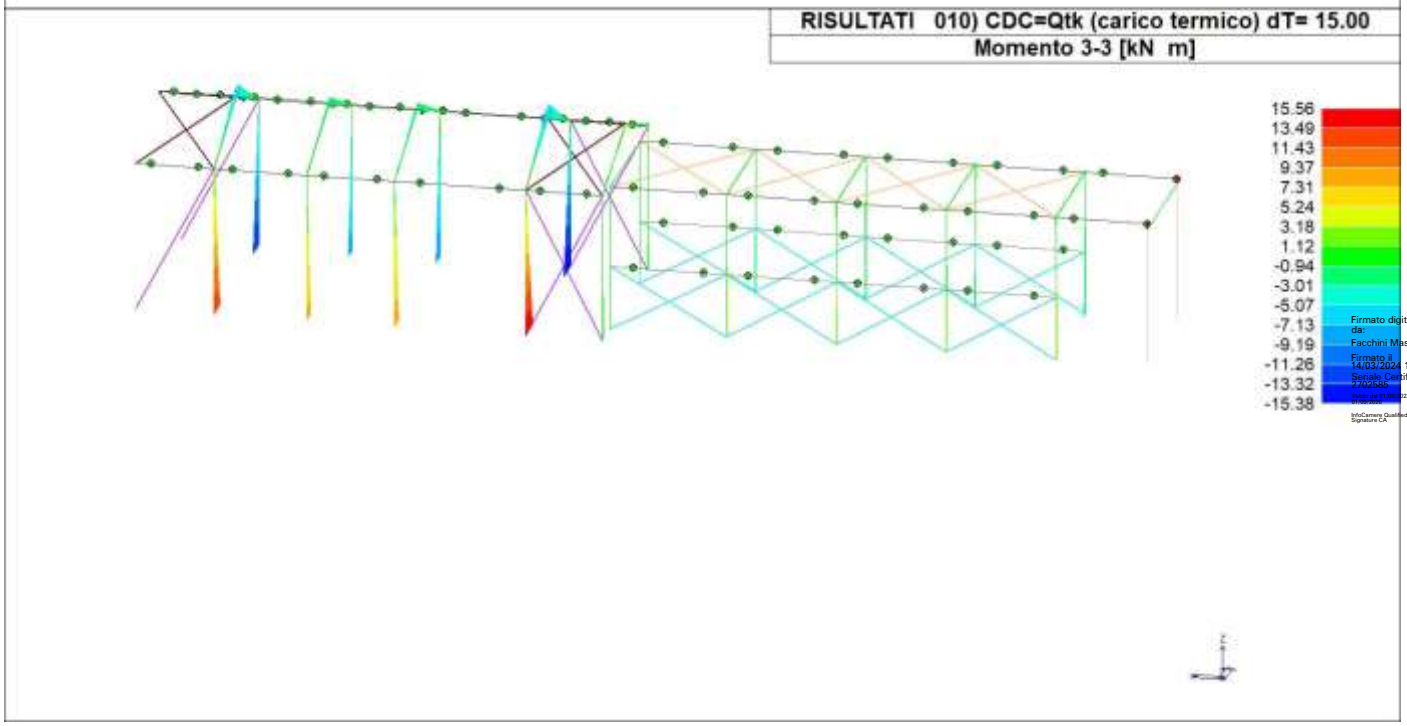

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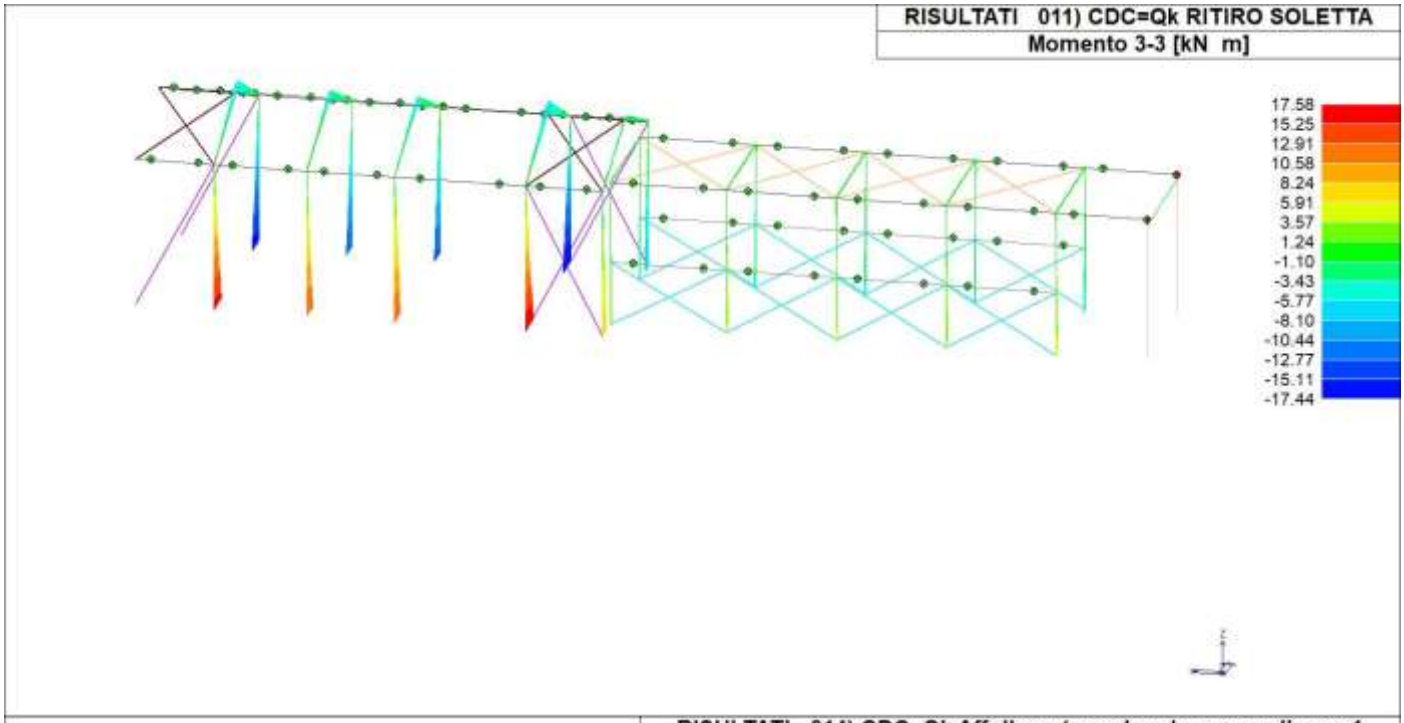

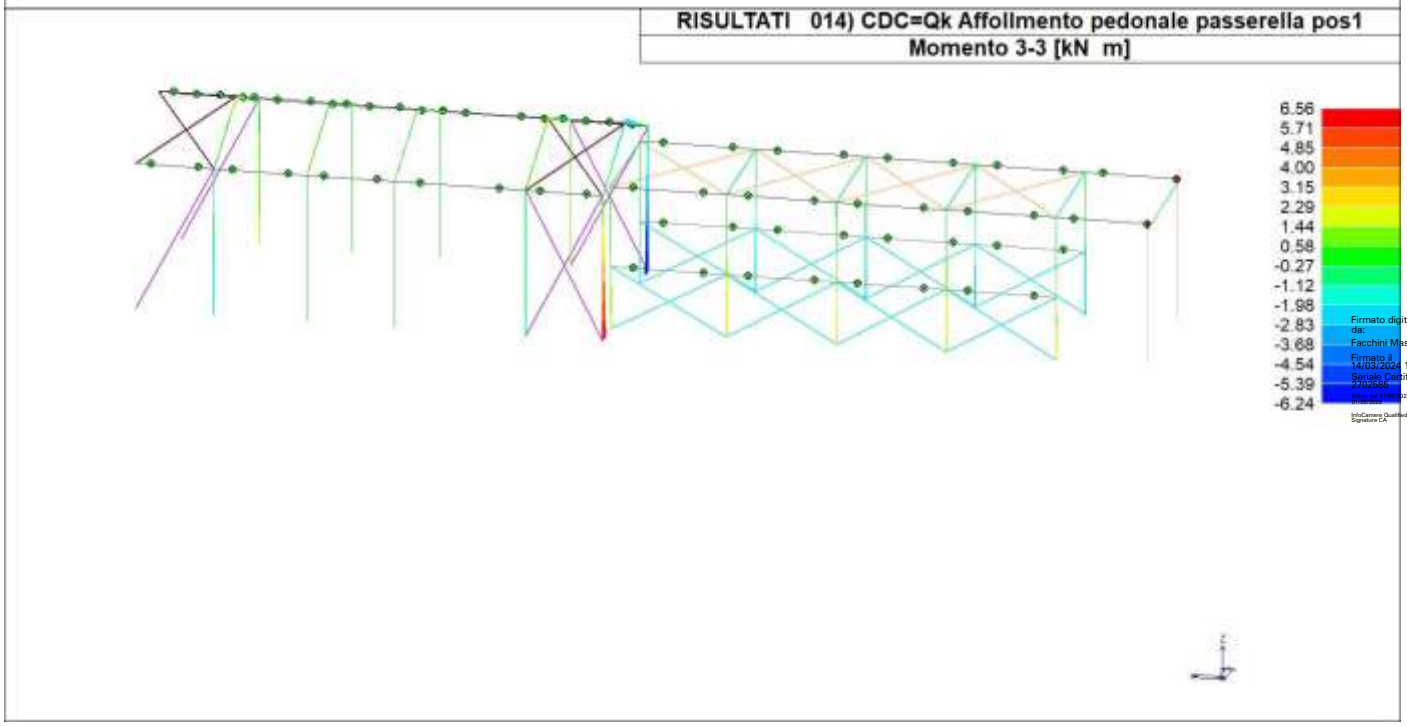

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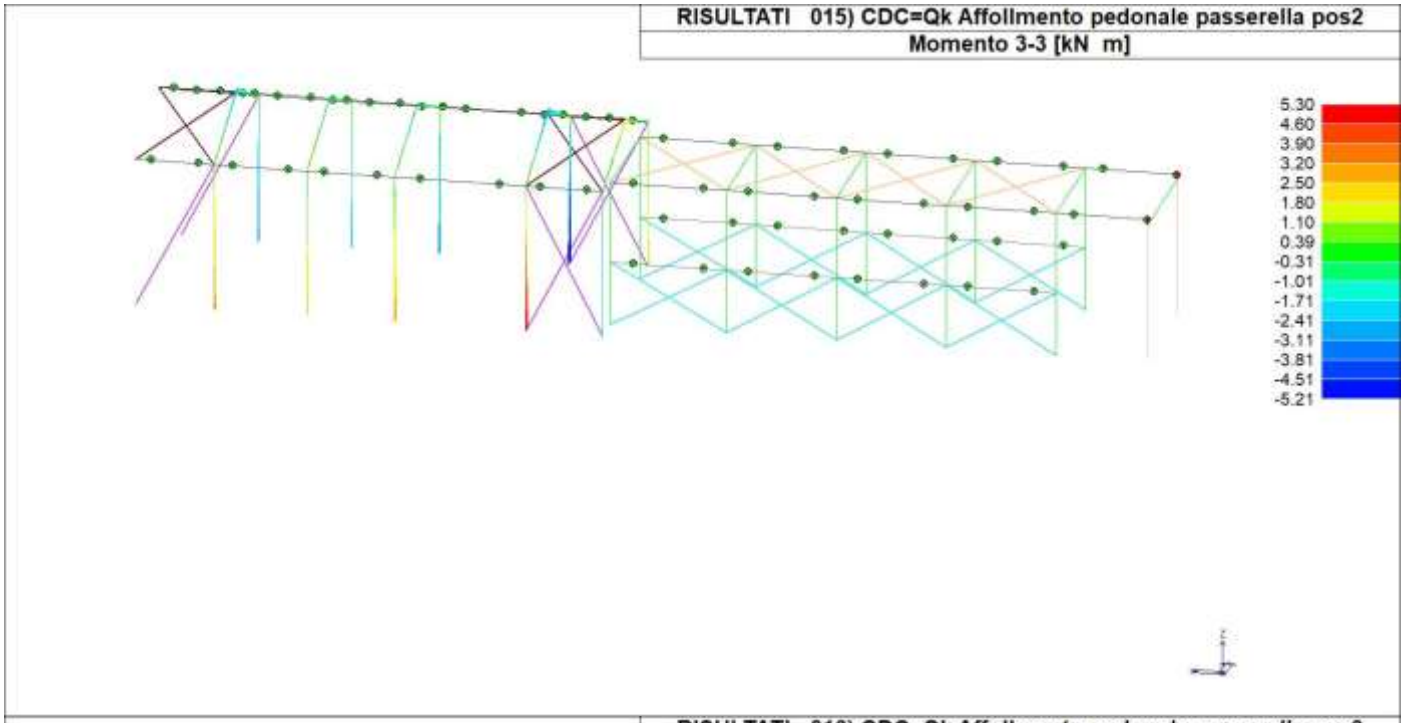

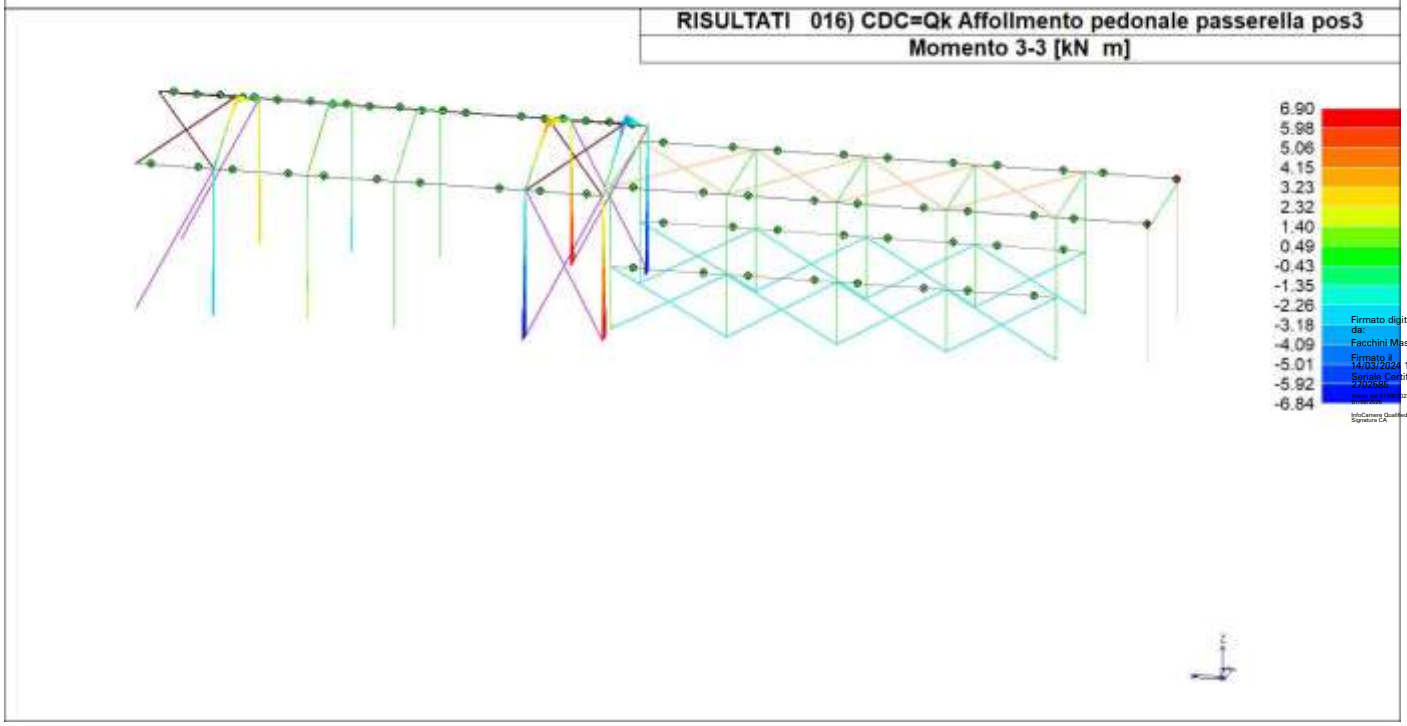

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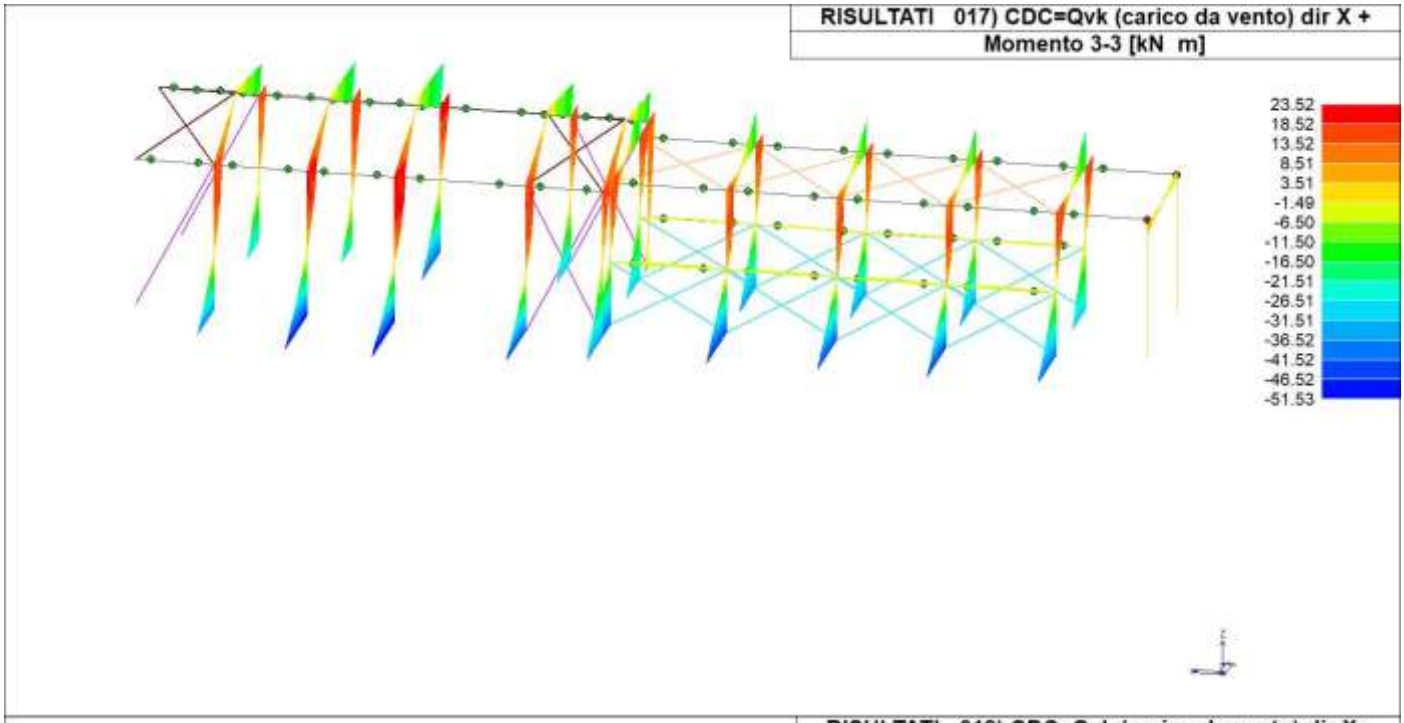

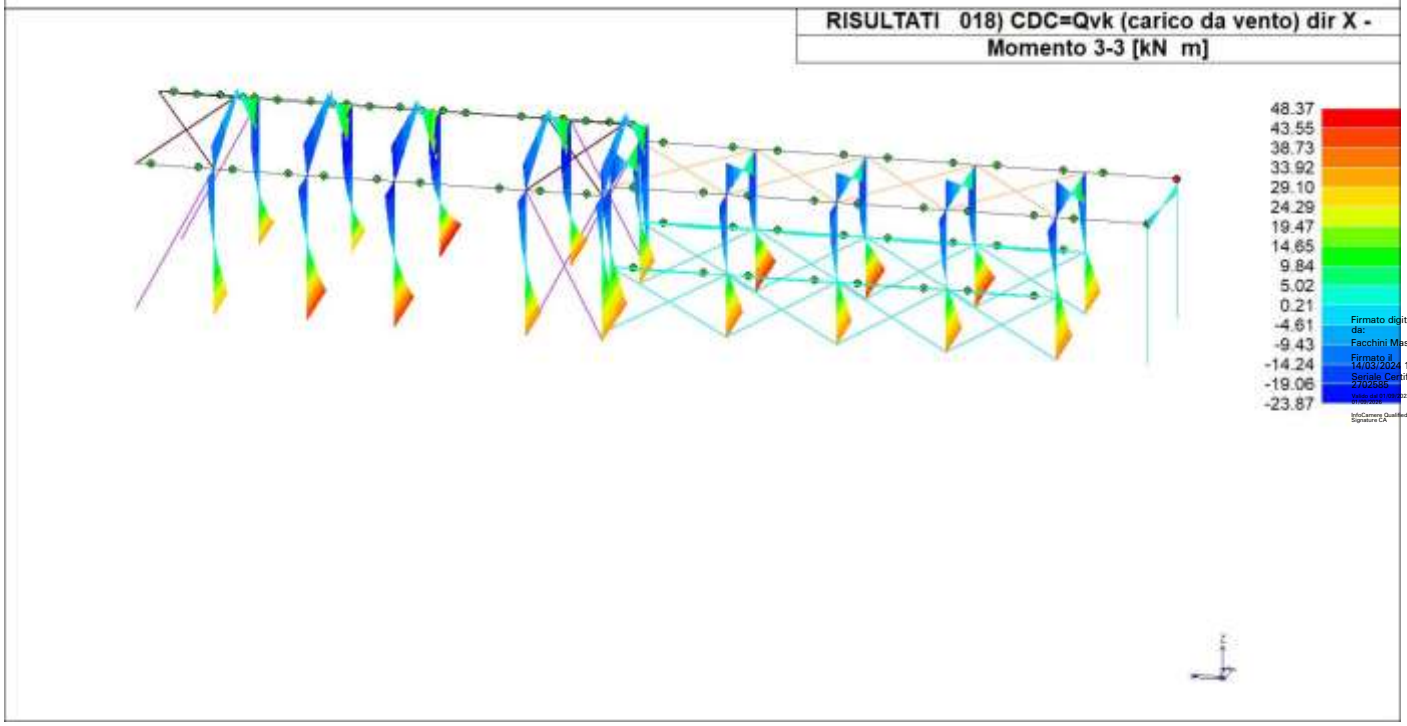

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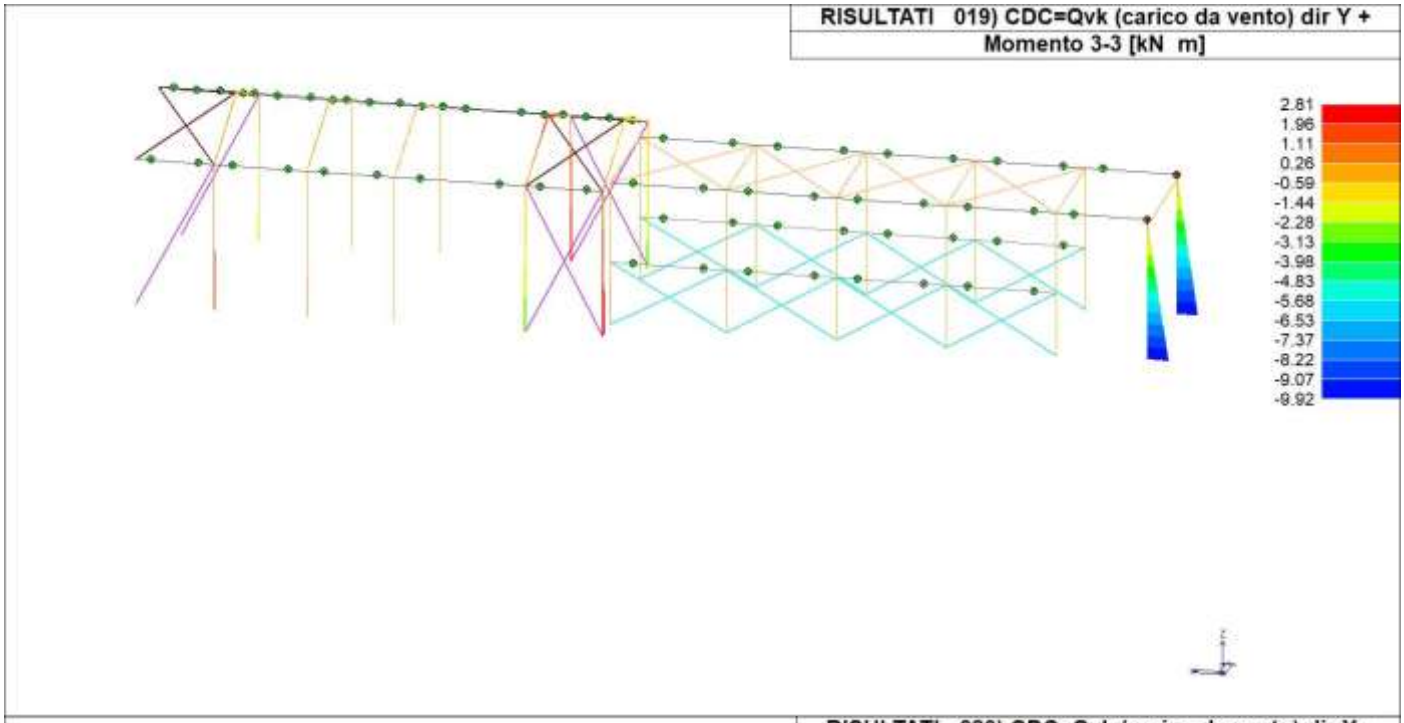
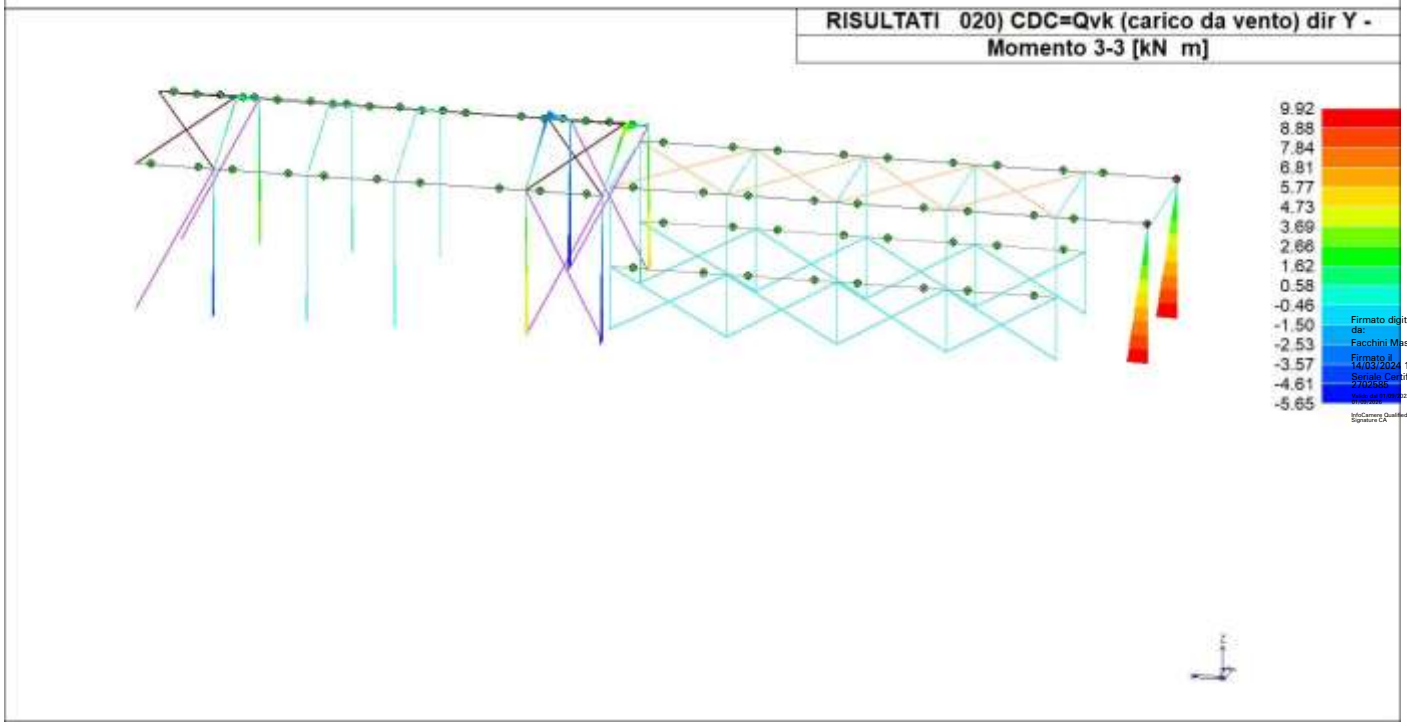
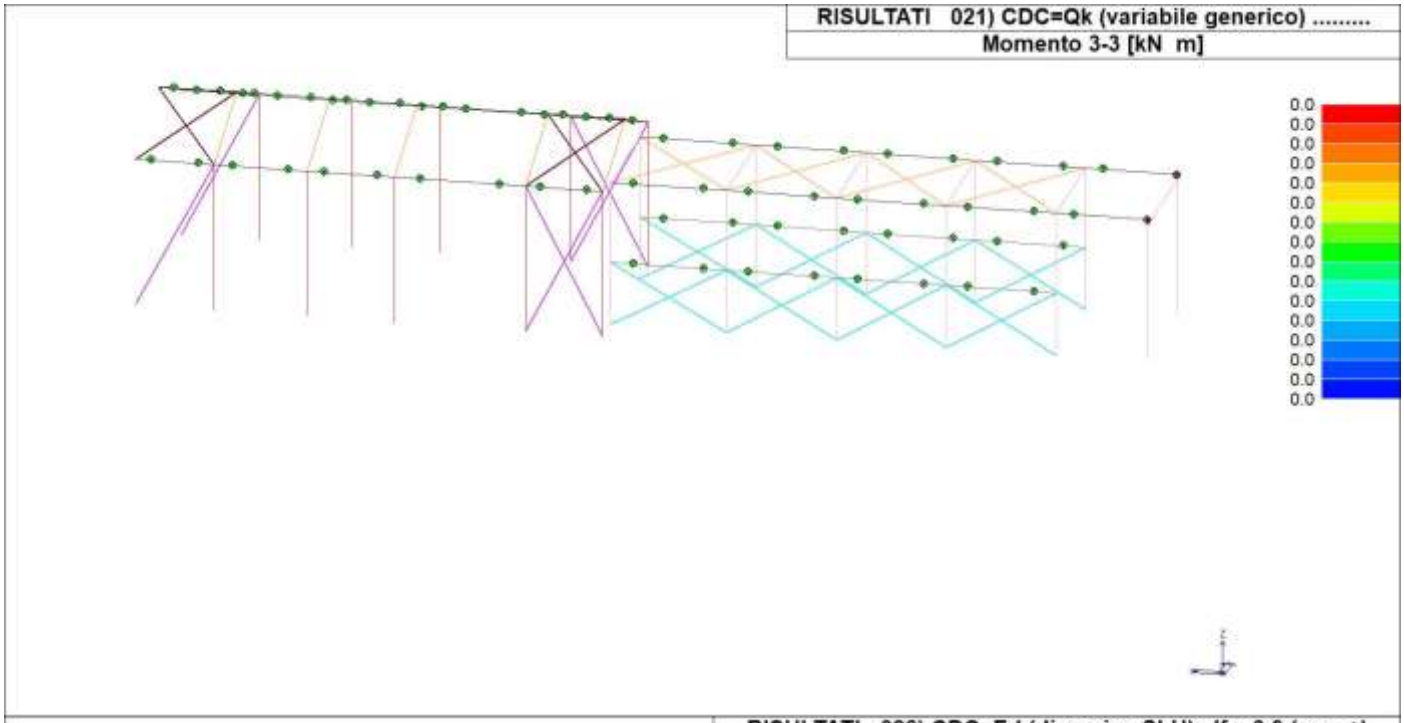


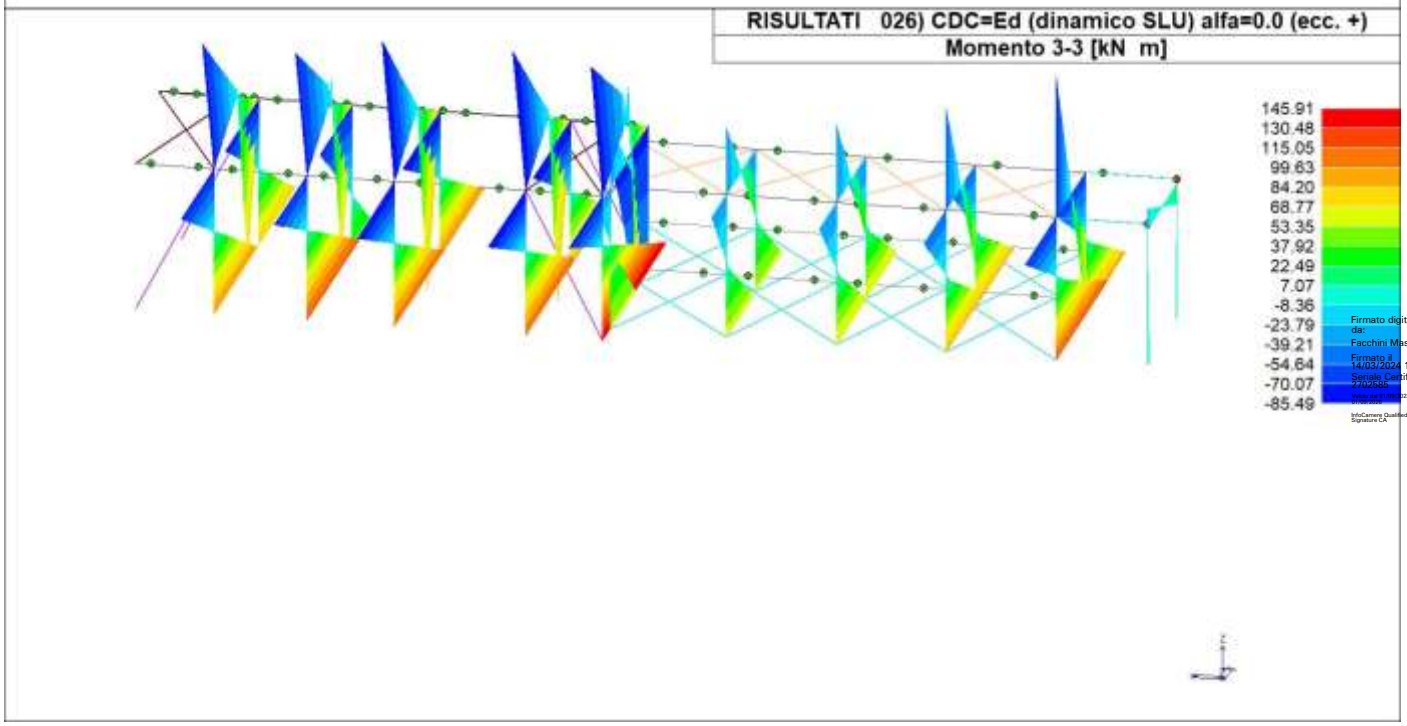
RISULTATI 019) CDC=Qvk (carico da vento) dir Y +
Momento 3-3 [kN m]
2.81
1.96
1.11
0.26
-0.59
-1.44
-2.28
-3.13
-3.98
-4.83
-5.68
-6.53
-7.37
-8.22
-9.07
-9.92



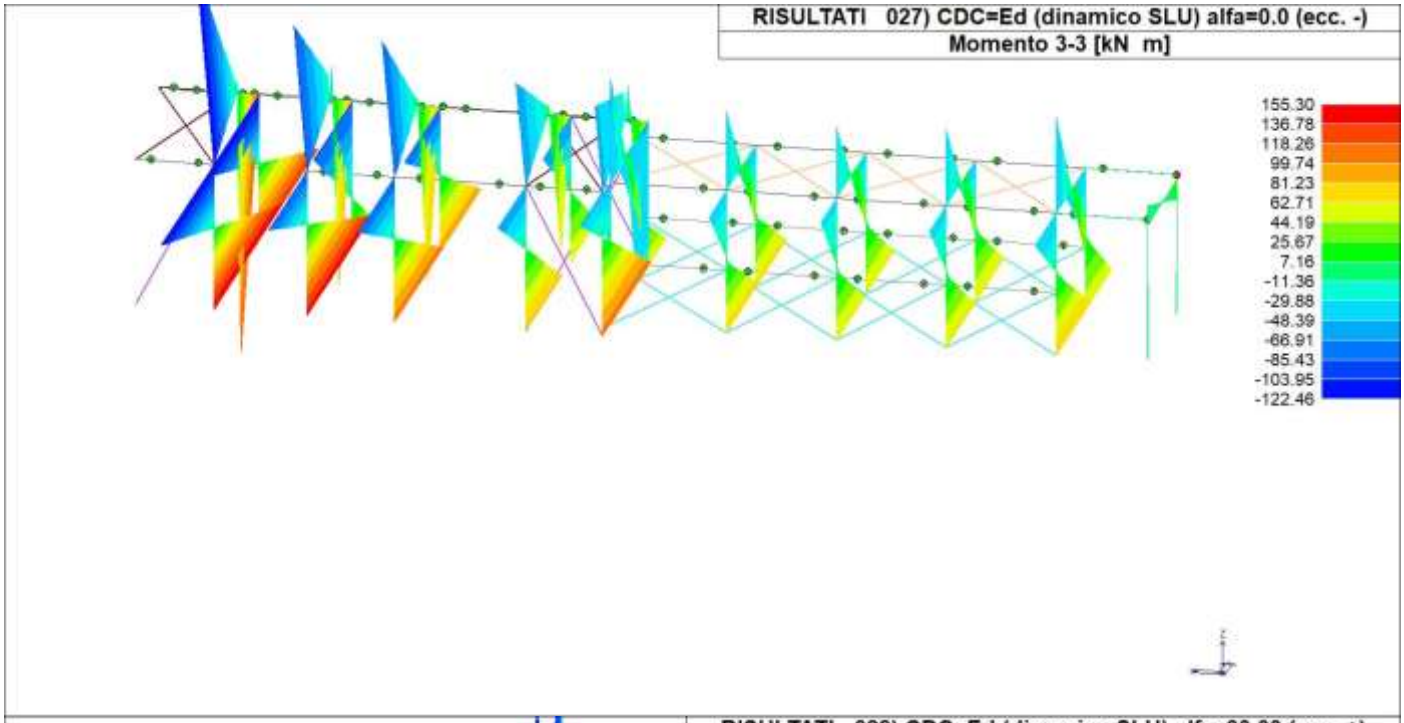
RISULTATI 020) CDC=Qvk (carico da vento) dir Y -
Momento 3-3 [kN m]
9.92
8.88
7.84
6.81
5.77
4.73
3.69
2.66
1.62
0.58
-0.46
-1.50
-2.53
-3.57
-4.61
-5.65

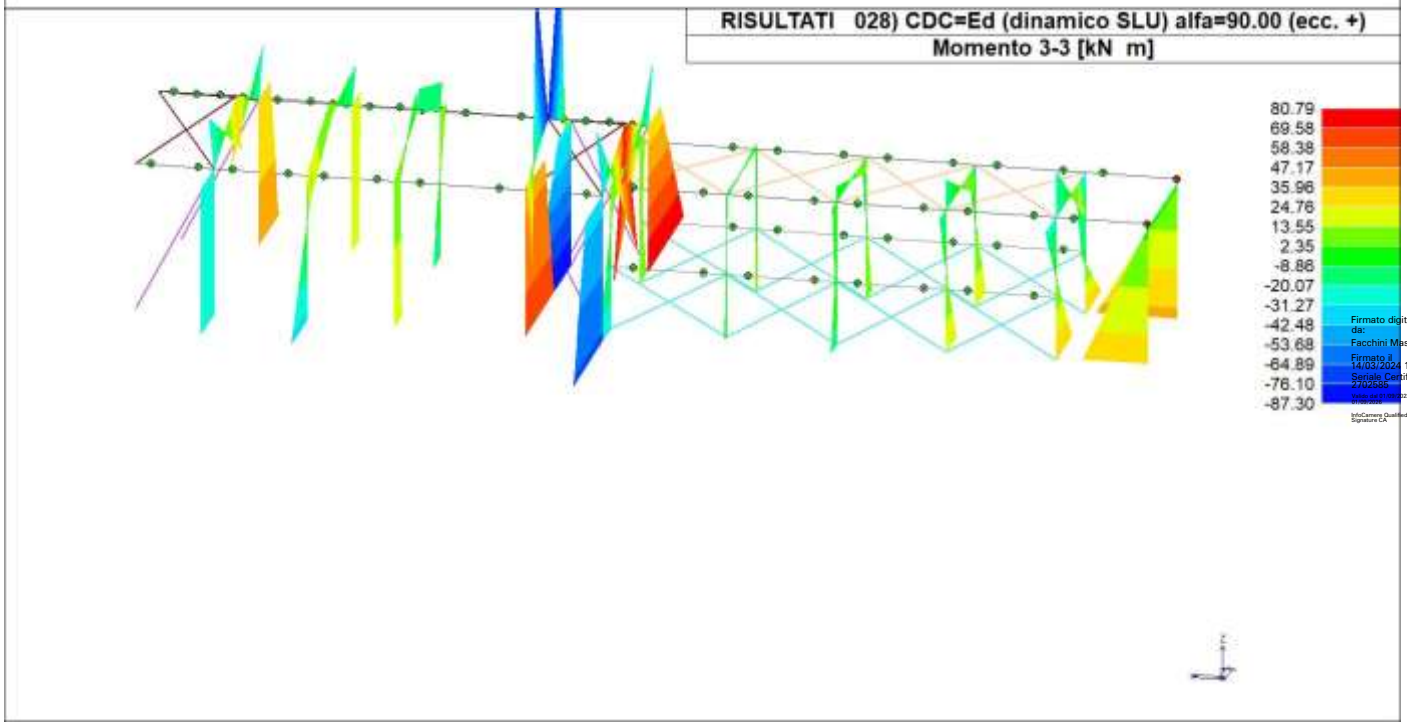


RISULTATI 021) CDC=Qk (variabile generico) .....
Momento 3-3 [kN m]
0.0



RISULTATI 026) CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)
Momento 3-3 [kN m]
145.91
130.48
115.05
99.63
84.20
68.77
53.35
37.92
22.49
7.07
-8.36
-23.79
-39.21
-54.64
-70.07
-85.49





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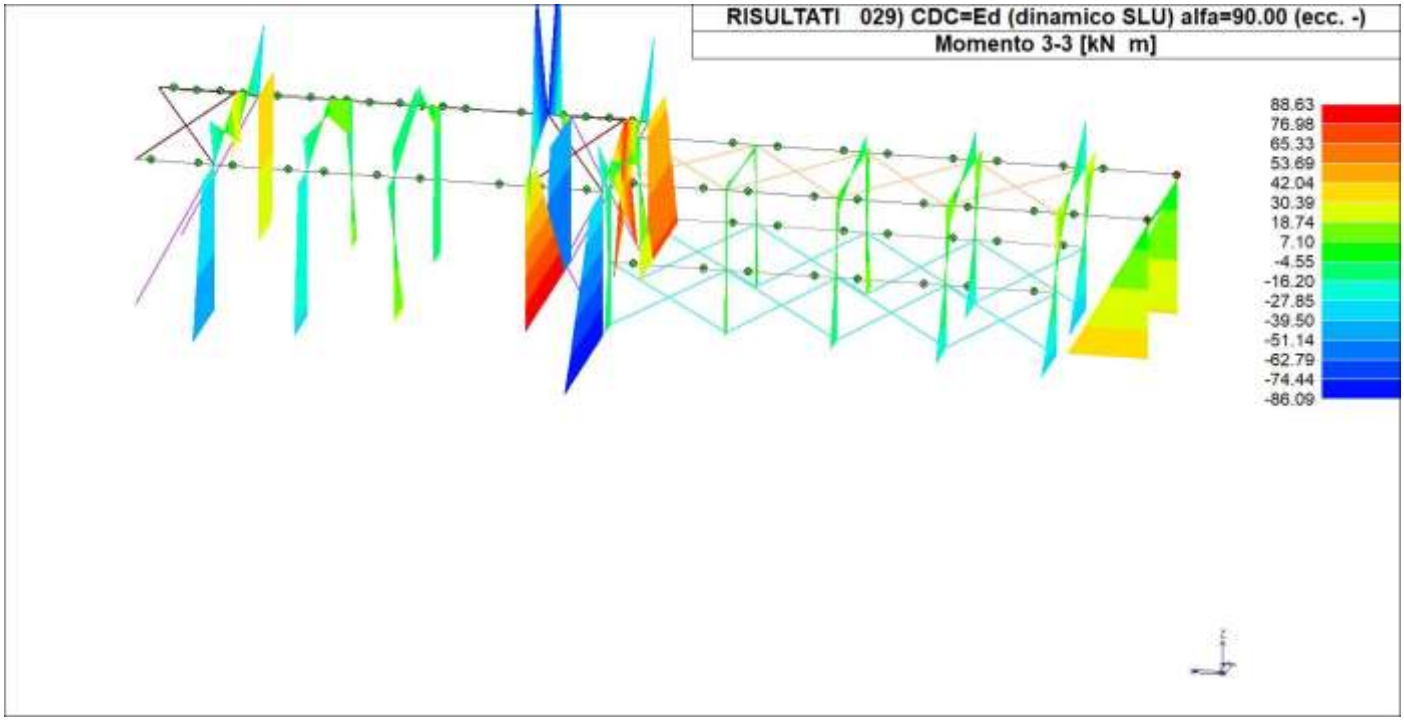

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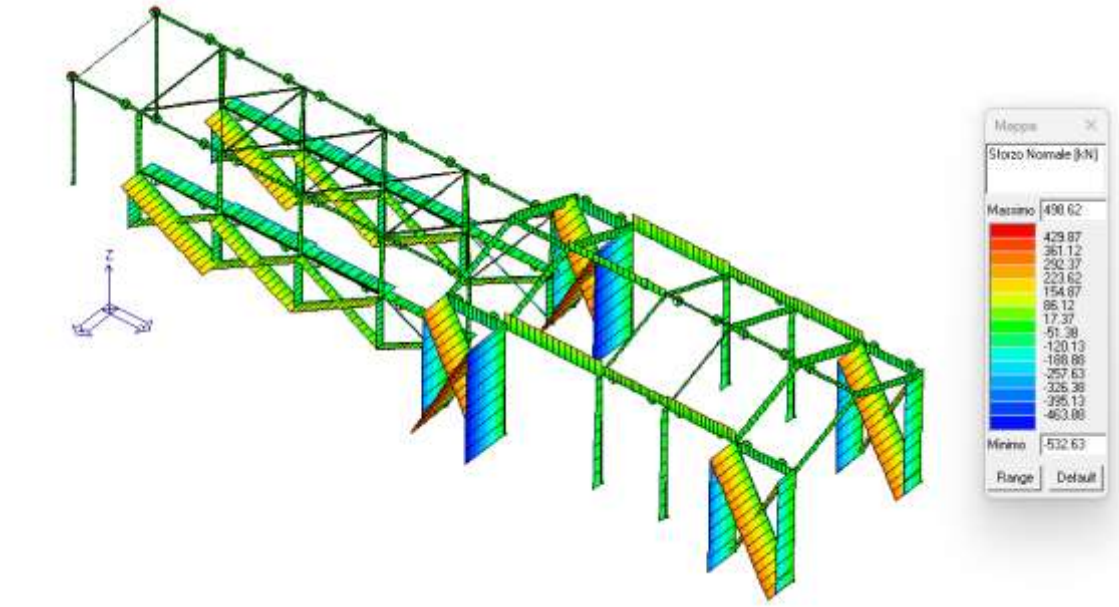
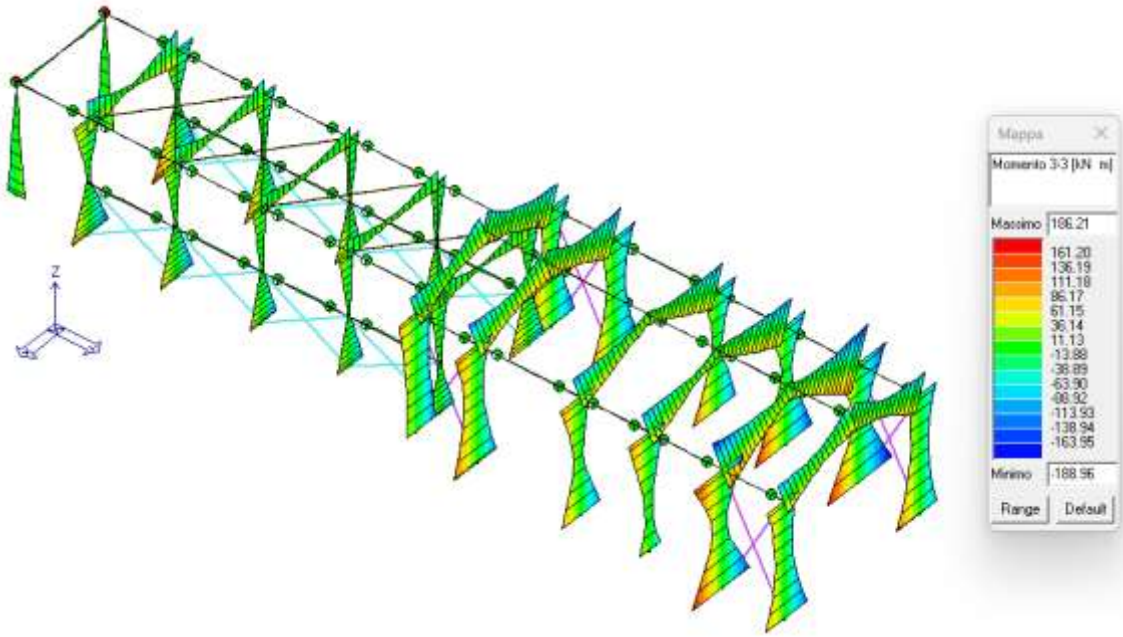
10.4.4 Inviluppo sollecitazioni telai metallici





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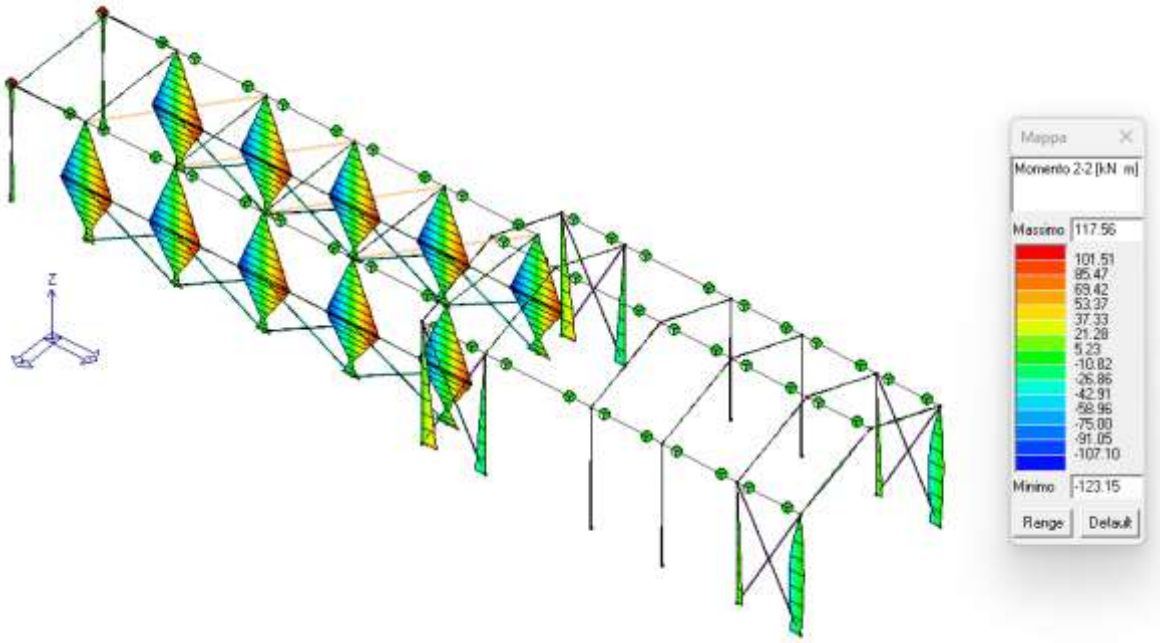

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Valido dal 01/09/2023 al 01/09/2026
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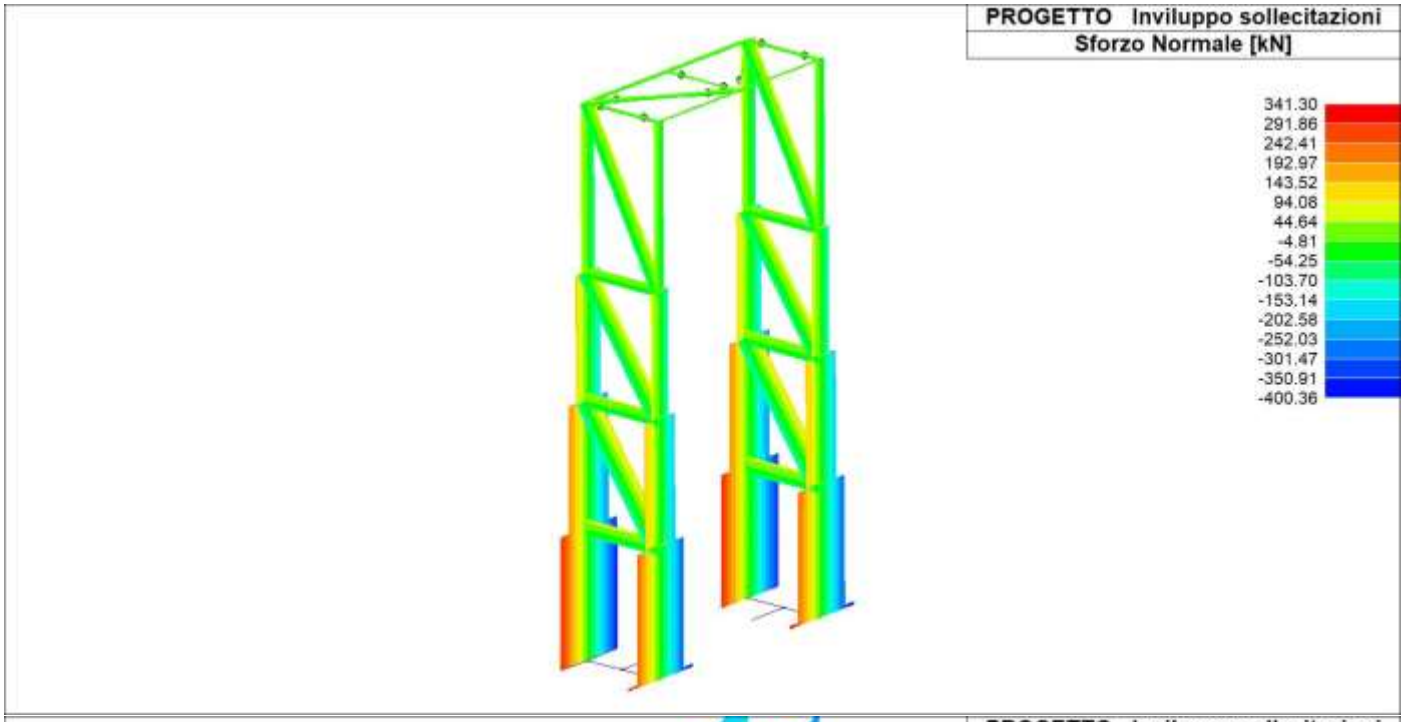
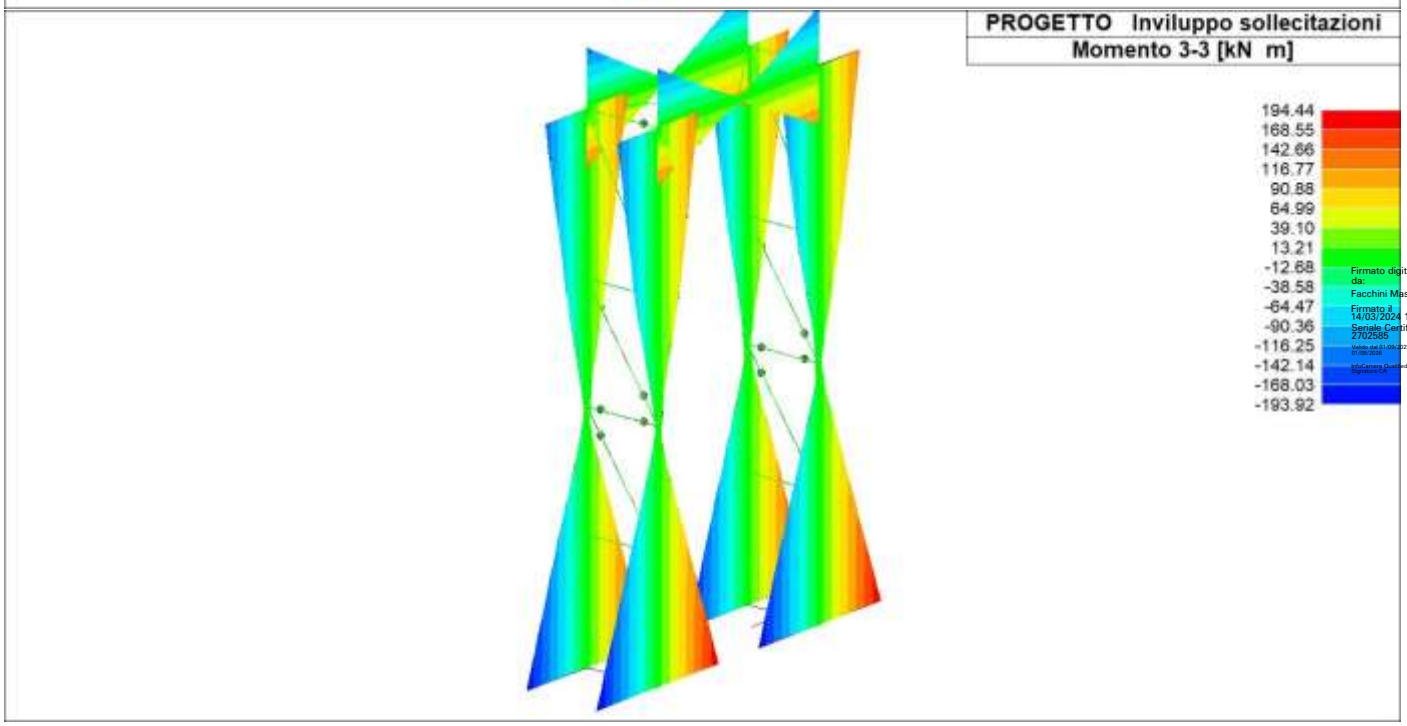
10.4.5 Inviluppo sollecitazioni portale





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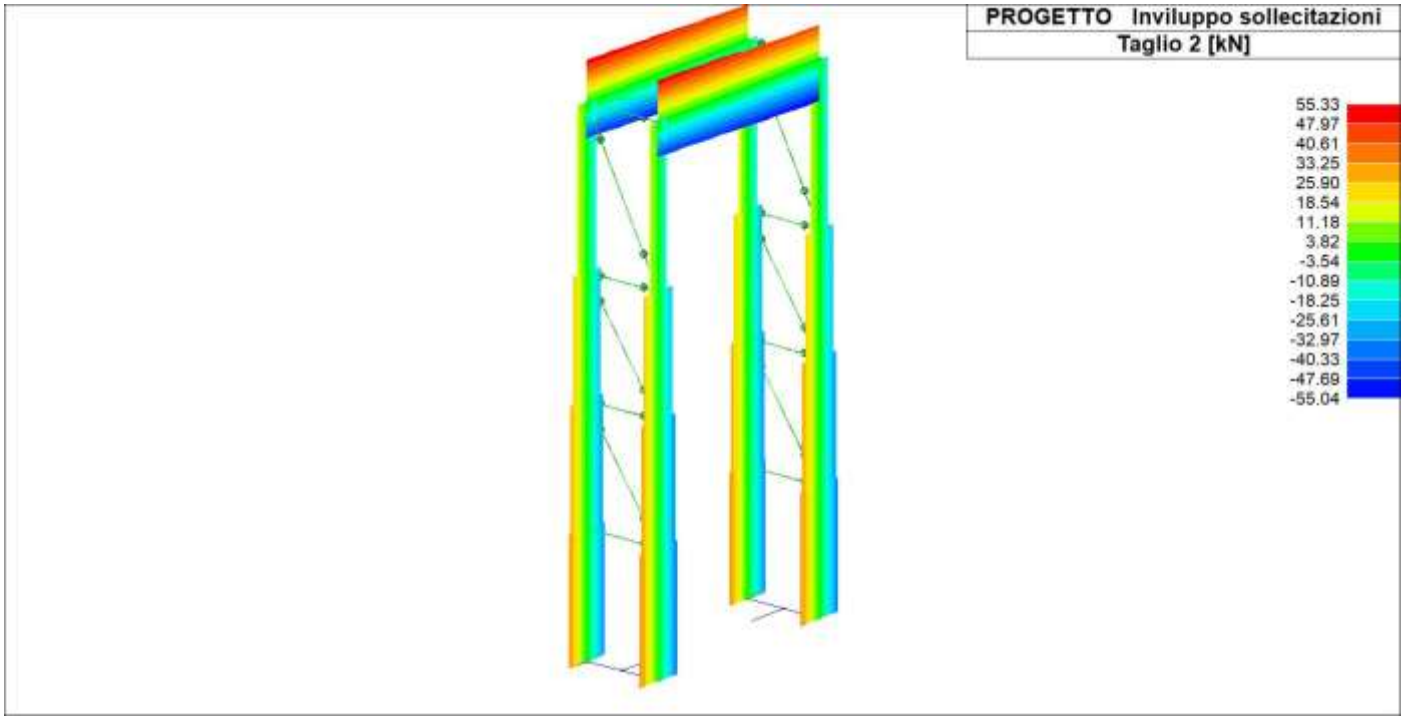

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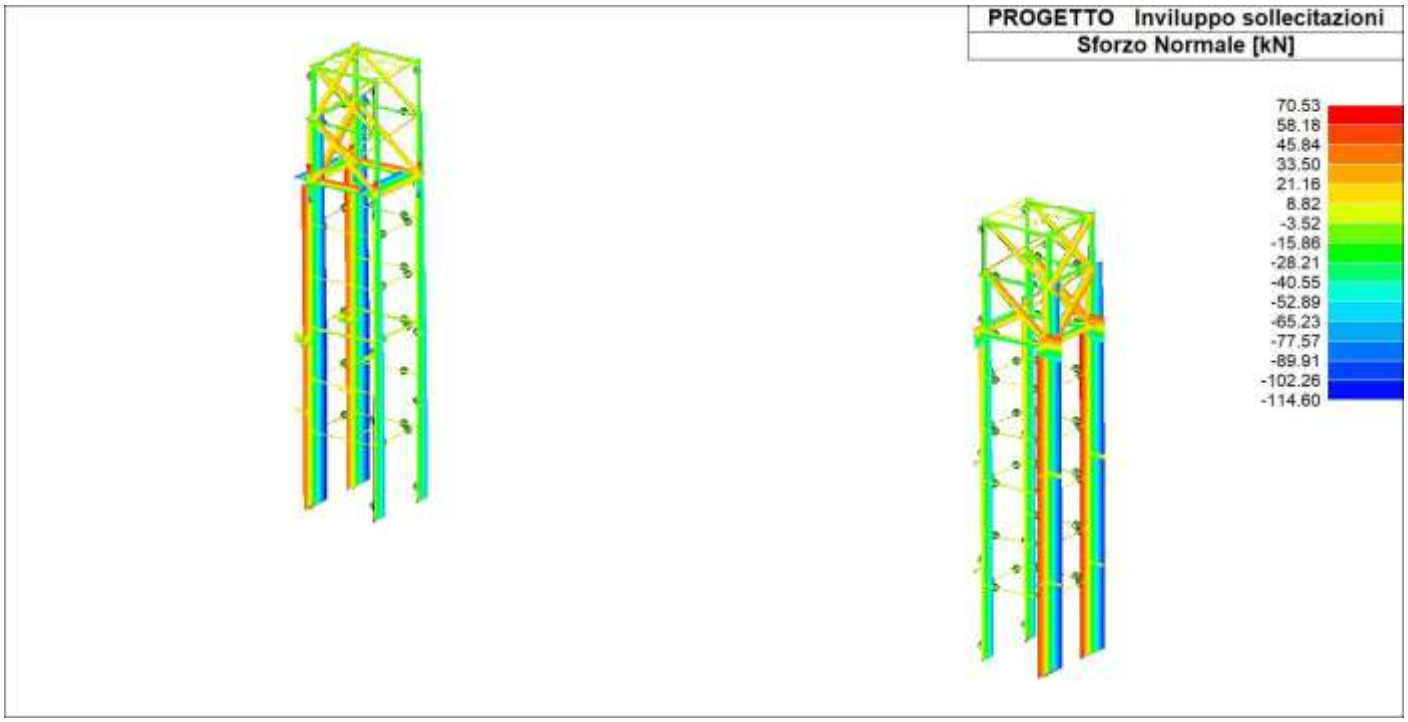
10.4.6 Inviluppo sollecitazioni castelletti ascensori



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Facchini Massimo
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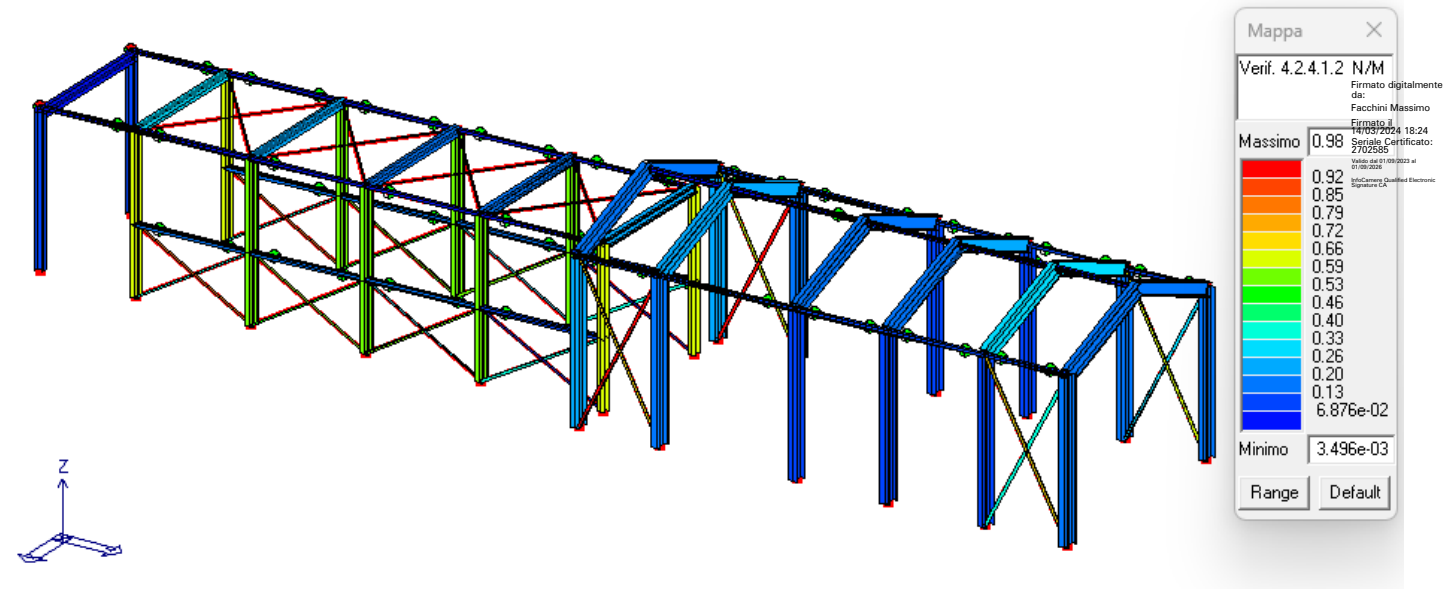
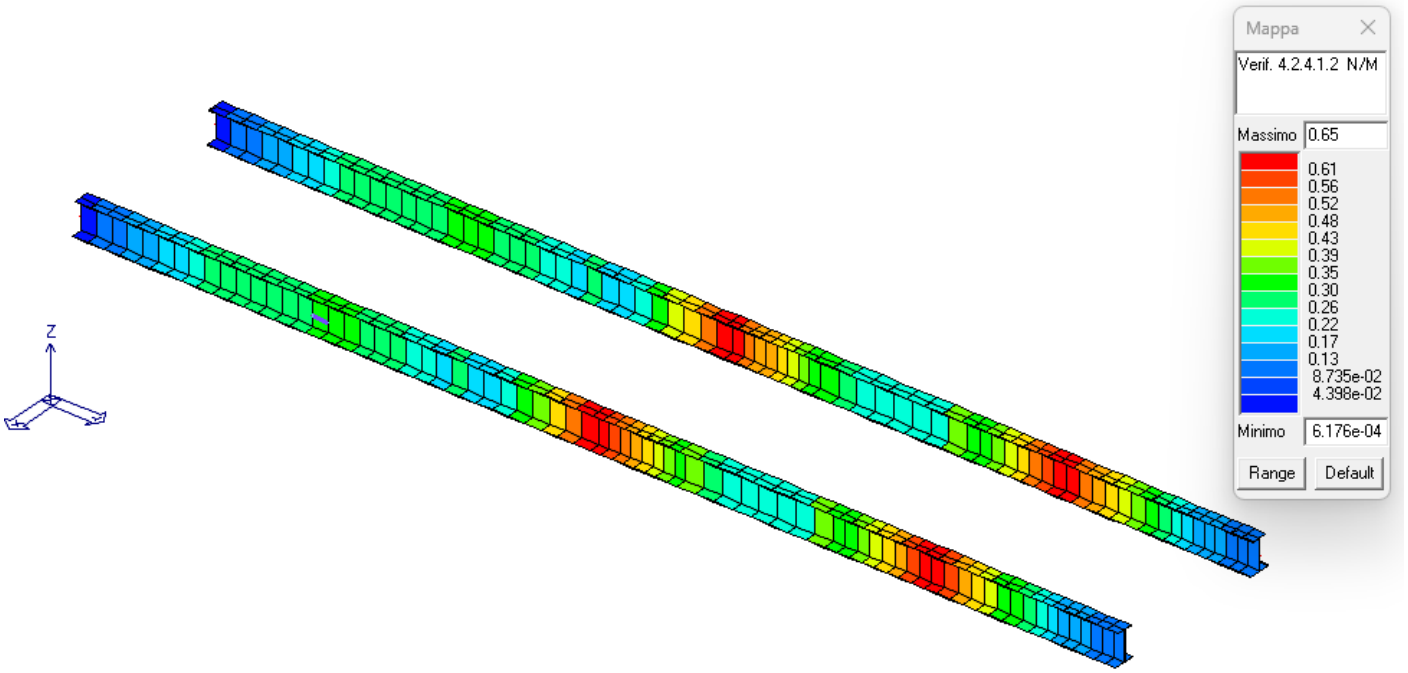
10.5 VERIFICHE

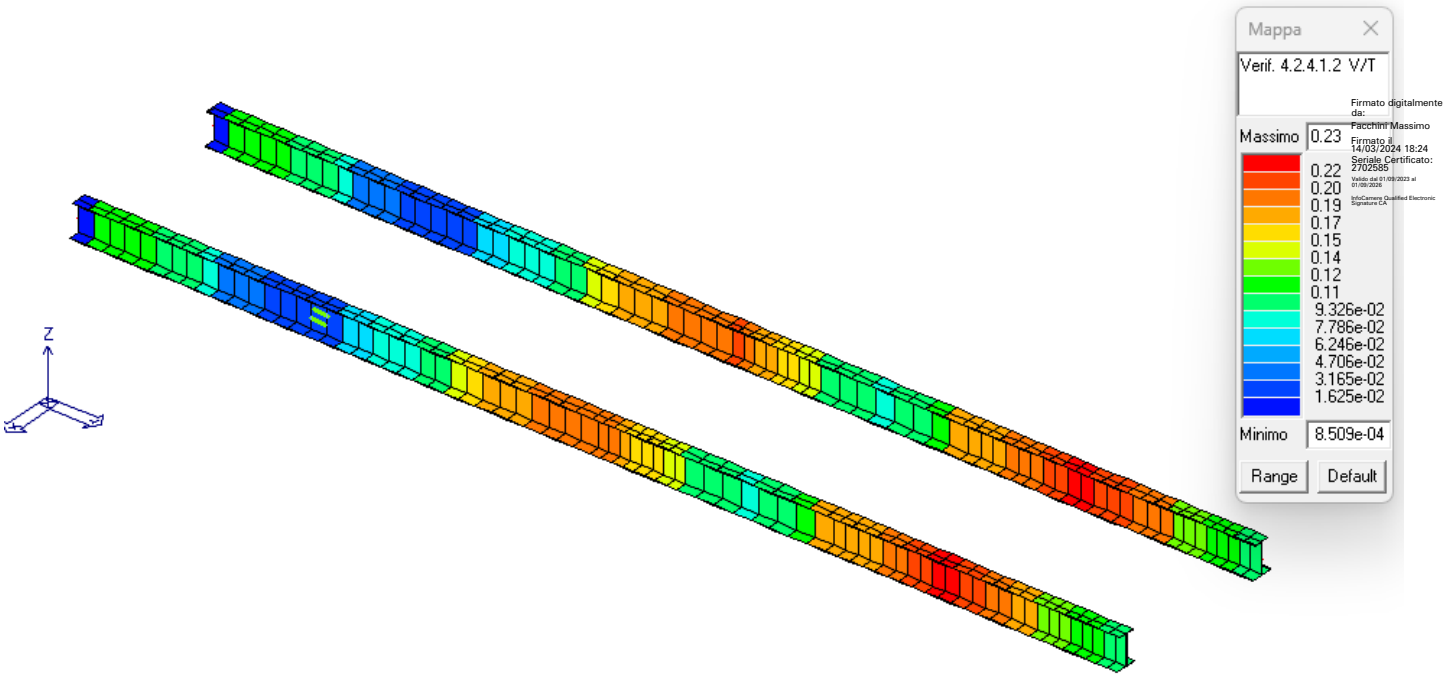
10.5.1 Verifica allo SLU sintesi dei risultati

VERIFICHE DI RESISTENZA TELAI IN ACCIAIO PASSERELLA

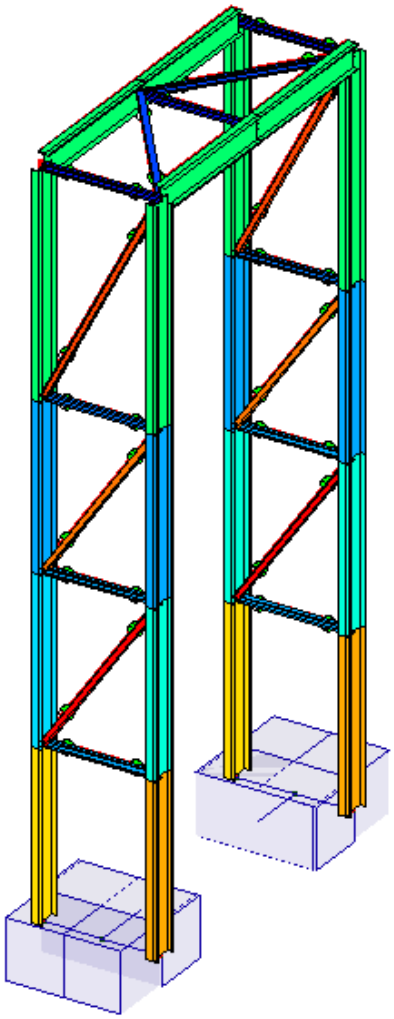


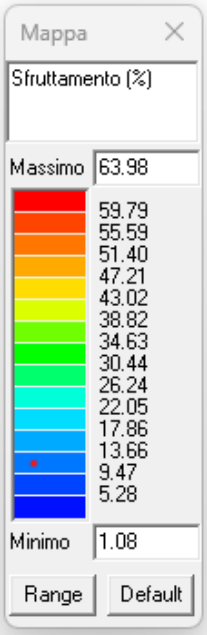
VERIFICHE DI RESISTENZA TRAVI COMPOSTE





VERIFICHE DI RESISTENZA PORTALE





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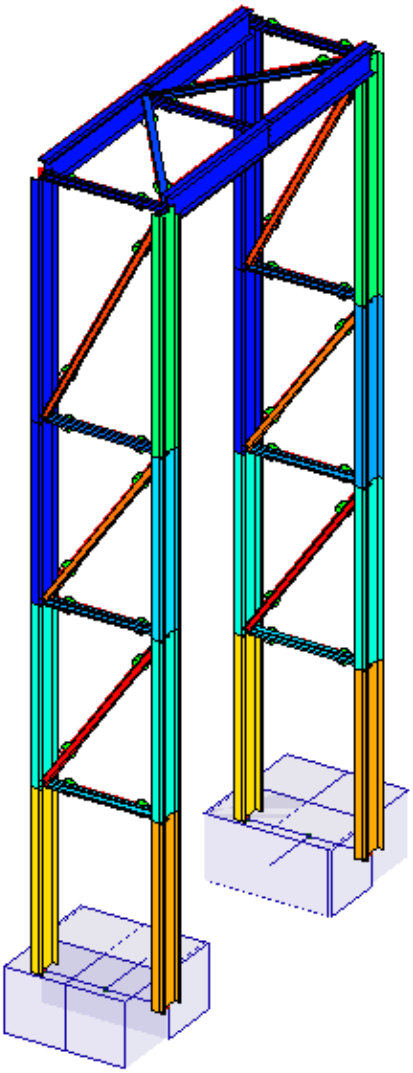

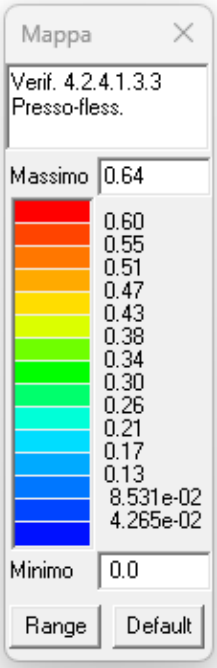

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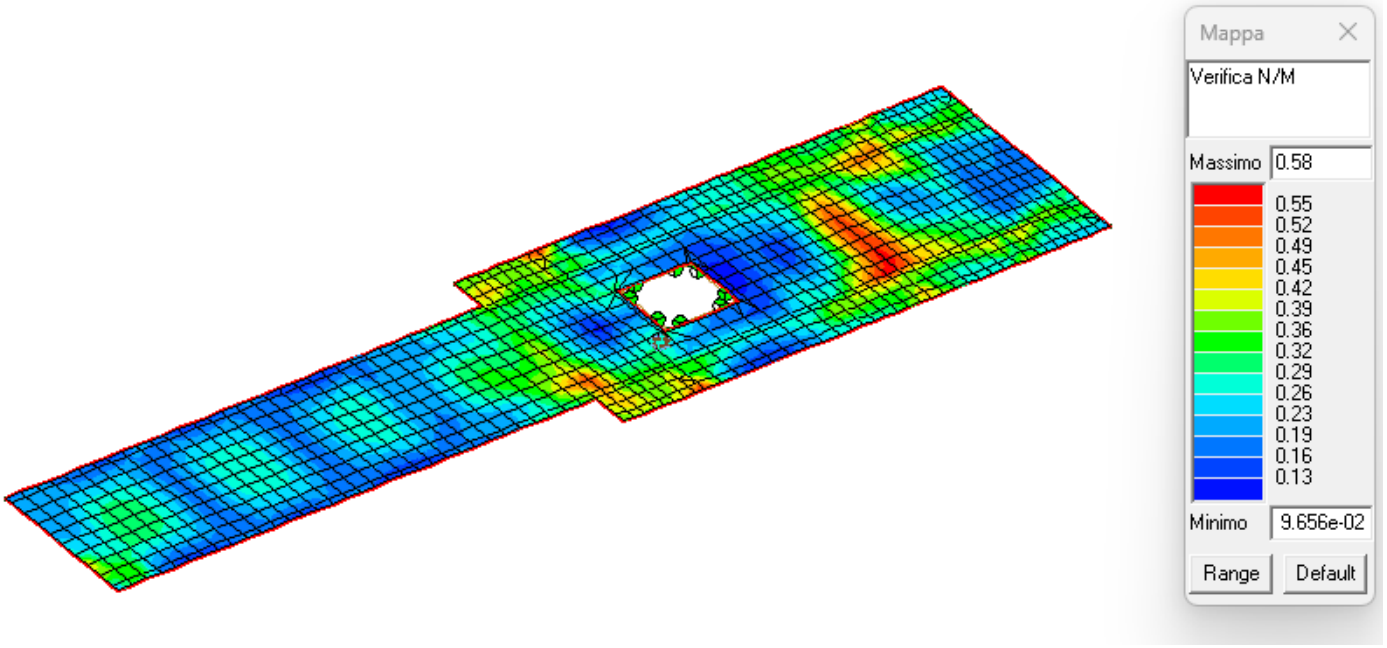
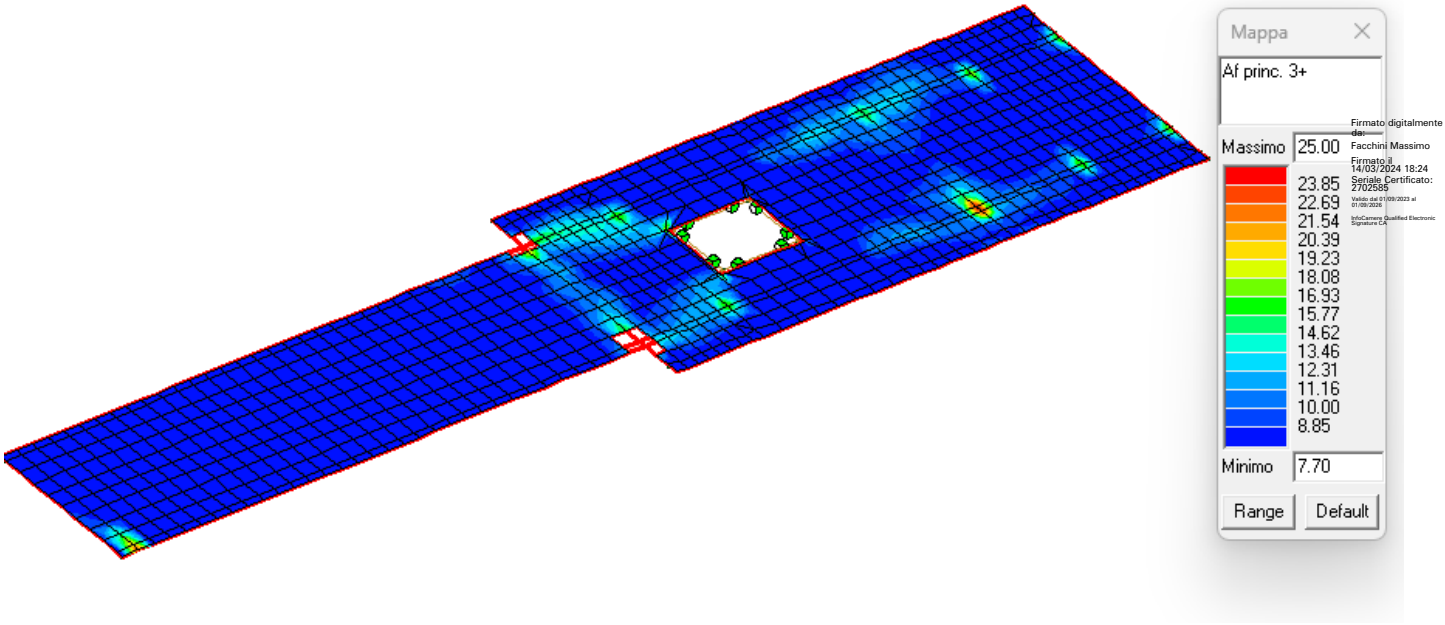
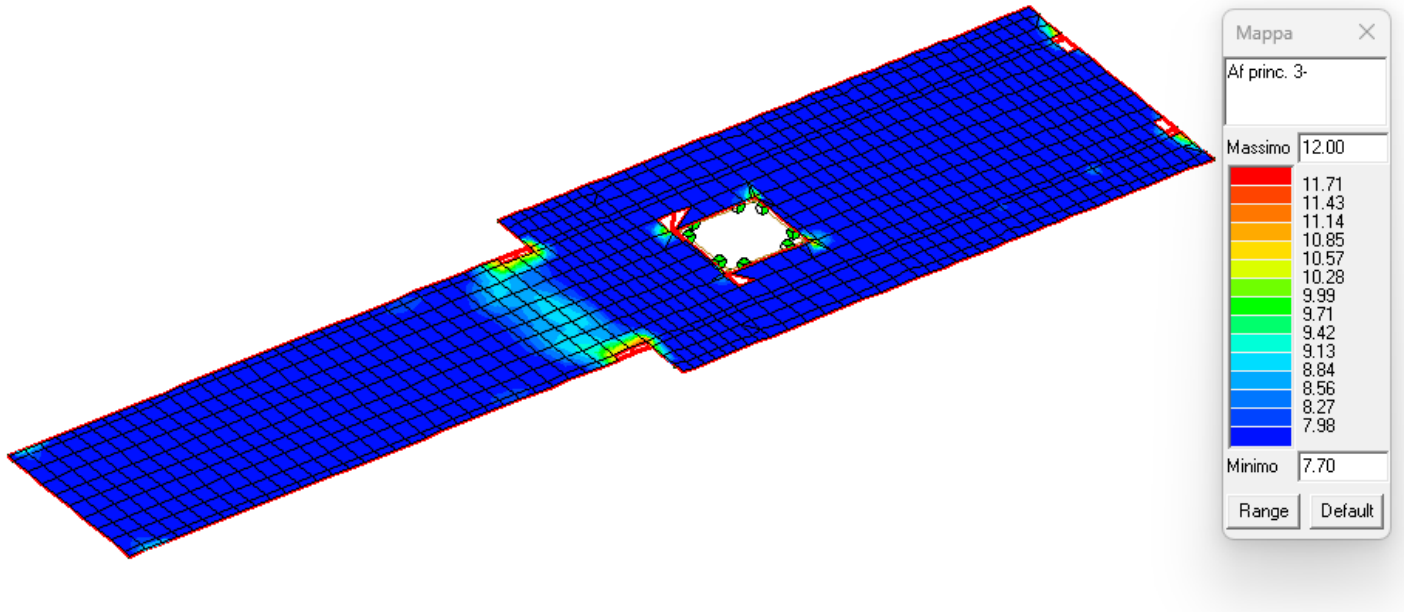
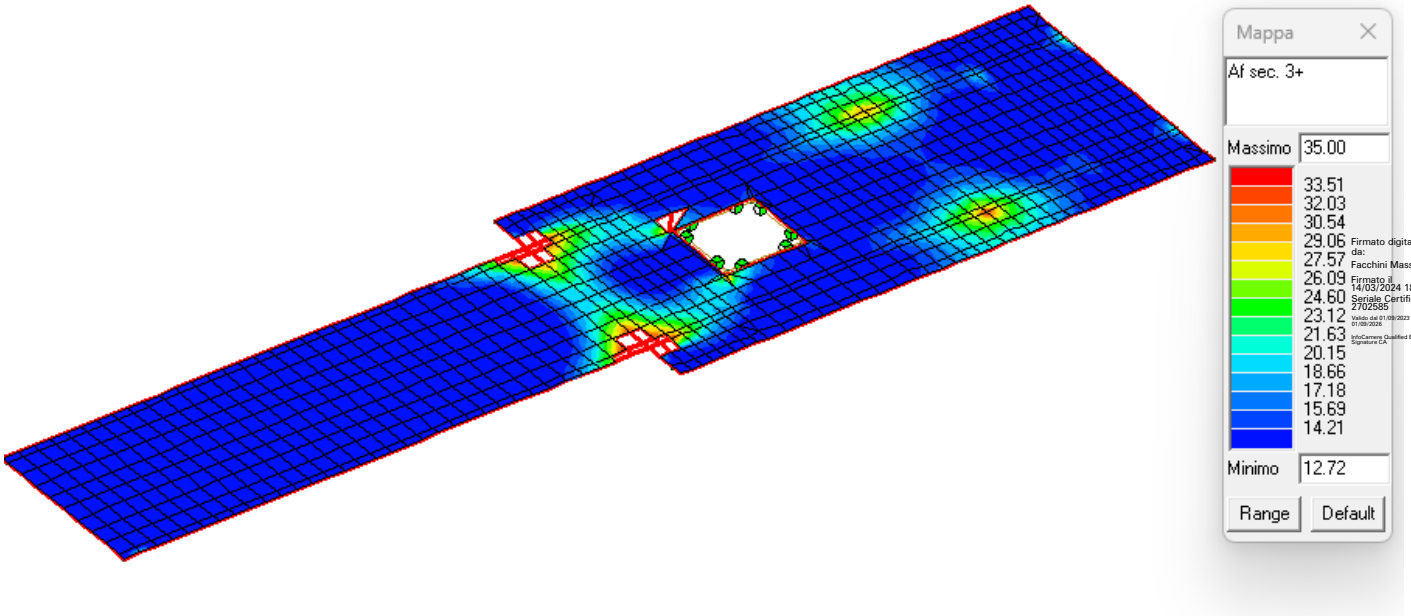
VERIFICHE DI RESISTENZA PASSERELLA IN C.A.



AREE DI ARMATURA IN CMQ/AL METRO




Mappa
Af princ. 3-
Massimo 12.00
11.71
11.43
11.14
10.85
10.57
10.28
9.99
9.71
9.42
9.13
8.84
8.56
8.27
7.98
Minimo 7.70
Range
Default


Mappa
Af sec. 3+
Massimo 35.00
33.51
32.03
30.54
29.06
27.57
26.09
24.60
23.12
21.63
20.15
18.66
17.18
15.69
14.21
Minimo 12.72
Range
Default
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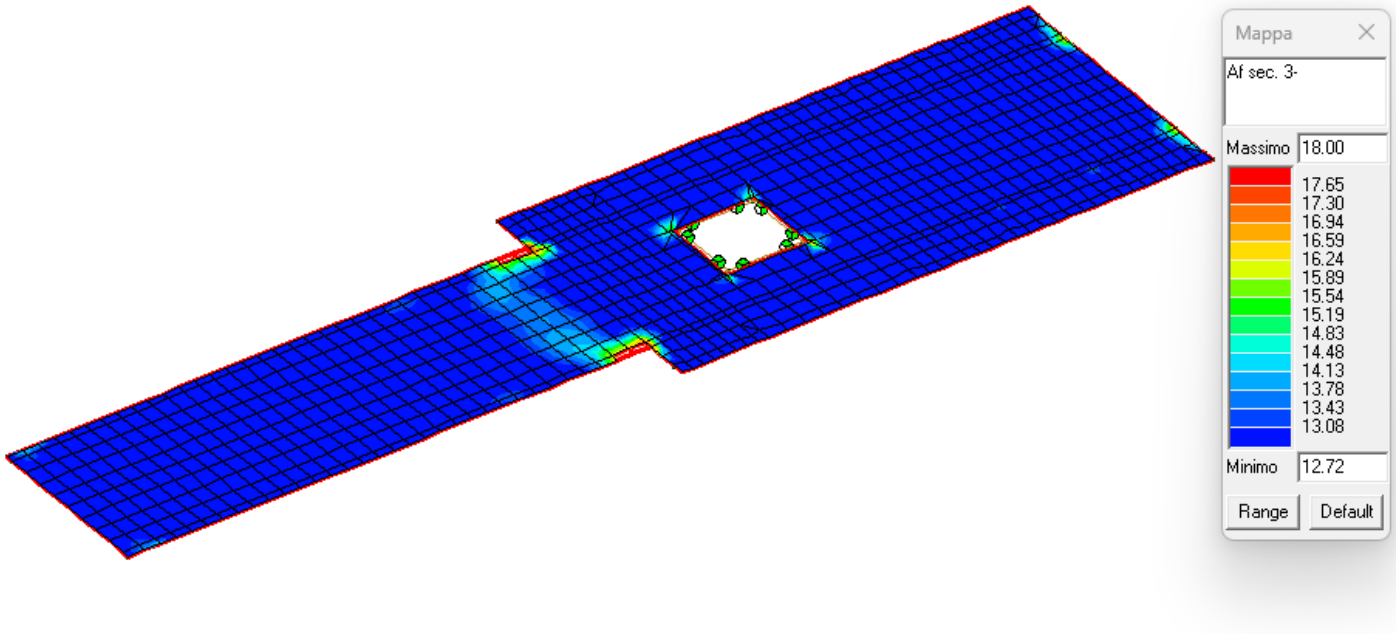

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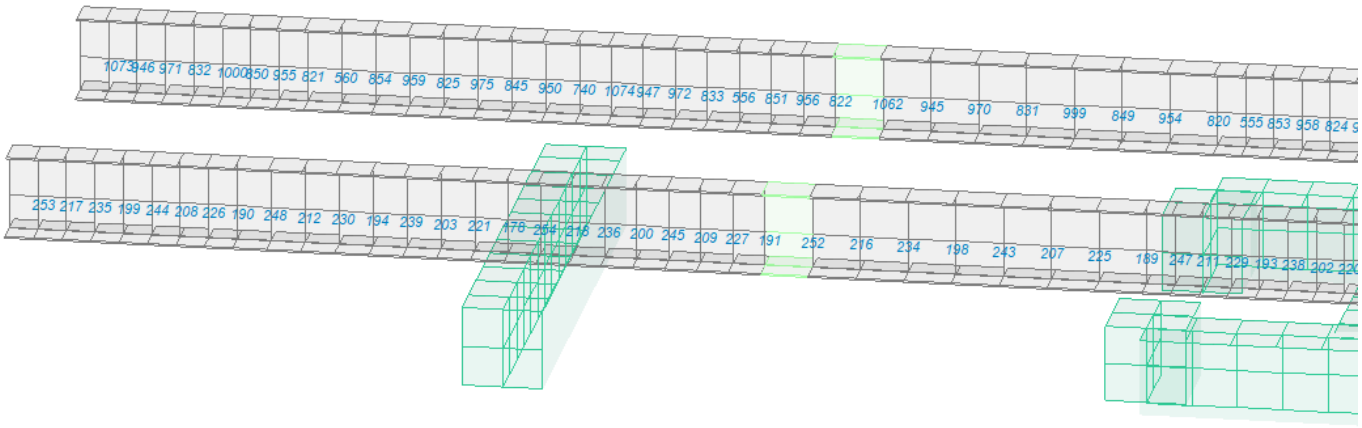
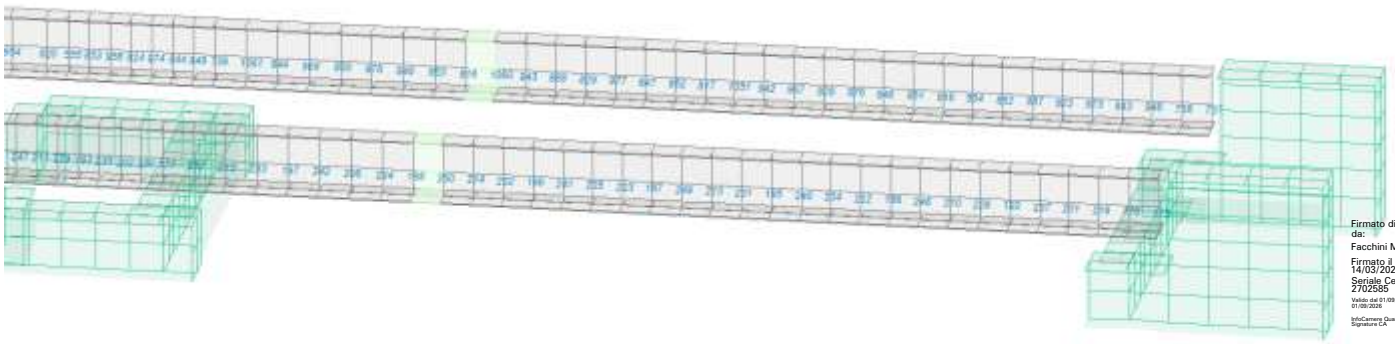
10.5.2 Verifica travi composte impalcato

NUMERAZIONE ELEMENTI





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VERIFICHE PER ELEMENTI IN ACCIAIO
LEGENDA TABELLA VERIFICHE PER ELEMENTI IN ACCIAIO

Il programma consente la verifica dei seguenti tipi di elementi:

1. **aste** 2. **travi** 3. **pilastri**

L'esito delle verifiche è espresso con un codice come di seguito indicato

Ok: verifica con esito positivo

NV: verifica con esito negativo

Nr: verifica non richiesta.

Per comodità gli elementi vengono raggruppati in tabelle in relazione al tipo.

Ai fini delle verifiche (come da D.M. 14 Gennaio 2008 e circ. 2 Febbraio 2009 n.617) i tipi elementi differiscono per i seguenti aspetti:

Verifica		Aste	Travi	Pilastri
4.2.3.1	Classificazione	X	X	X
4.2.4.1.2	Trazione, Compressione	X	X	X
	Taglio, Torsione		X	X
	Flessione,taglio e forza assiale		X	X
4.2.4.1.3.1	Aste compresse	X	X	X
4.2.4.1.3.2	Instabilità flesso-torsionale		X	X
4.2.4.1.3.3	Membrature inflesse e compresse		X	X

Ai fini delle verifiche per strutture dissipative (come da D.M. 14 Gennaio 2008 e circ. 2 Febbraio 2009 n.617 per strutture intelaiate e a controventi concentrici) si considerano le verifiche del capitolo 4 con azioni amplificate e le verifiche del capitolo 7:

Verifica		Travi	Pilastri
4.2.4.1.2	Trazione, Compressione	X	X
	Taglio, Torsione		X
	Flessione,taglio e forza assiale	X	X
4.2.4.1.3.1	Aste compresse	X	X
4.2.4.1.3.2	Instabilità flesso-torsionale		X
4.2.4.1.3.3	Membrature inflesse e compresse	X	X
7.5.3	Sfruttamento per momento	X	
7.5.4	Sfruttamento per sforzo normale	X	
7.5.5	Sfruttamento per taglio da capacità flessionale	X	
7.5.9	Sfruttamento per taglio amplificato		X

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Viene inoltre riportata la verifica del par. 7.5.4.3 Gerarchia delle resistenze trave-colonna per ogni colonna, considerando piede e testa in entrambe le direzioni globali X e Y.

L' insieme delle verifiche sopra riportate è condotto sugli elementi purché dotati di sezione idonea come da tabella seguente:

	Azione	SEZIONI GENERICHE	PROFILI SEMPLICI	PROFILI ACCOPPIATI
4.2.3.1	Classificazione automatica	L, doppio T, C, rettangolare cava, circolare cava	Tutti	Da profilo semplice
4.2.3.1	Classificazione di default 2	Circolare		
4.2.3.1	Classificazione di default 3	restanti		
4.2.4.1.2	Trazione	si	si	si
4.2.4.1.2	Compressione	si	si	si
4.2.4.1.2	Taglio, Torsione	si	si	si
4.2.4.1.2	Flessione,taglio e forza assiale	si	si	si
4.2.4.1.3.1	Aste compresse	si	si	per elementi ravvicinati e a croce o coppie calastrellate
4.2.4.1.3.2	Travi inflesse	doppio T simmetrica	doppio T	no

Le verifiche sono riportate in tabelle con il significato sotto indicato; le verifiche sono espresse dal rapporto tra l' azione di progetto e la capacità ultima, pertanto la verifica ha esito positivo per rapporti non superiori all' unità.

Asta **Trave** **Pilastro**	numero dell'elemento
Stato	codice di verifica per resistenza, stabilità, svergolamento
Note	sezione e materiali adottati per l'elemento
V N	(ASTE) verifica come da par. 4.2.4.1.2 per punto (4.2.6) e (4.2.10)
V V/T	(TRAVI E PILASTRI) verifica di resistenza come da par. 4.2.4.1.2 per azioni taglio-torsione (4.2.17 e 4.2.29)
V N/M	(TRAVI E PILASTRI) verifica di resistenza come da par. 4.2.4.1.2 per azioni composte (4.2.34) con riduzione per taglio (4.2.41) ove richiesto
N M3 M2 V2 V3 T	sollecitazioni di interesse per la verifica
V stab	(ASTE) verifica come da par. 4.2.4.1.3 per punto (4.2.42)
V stab	(TRAVI E PILASTRI) verifica come da par. 4.2.4.1.3 per punti (C4.2.32) o (C4.2.36) (membrature inflesse e compresse senza/con presenza di instabilità flesso-torsionale
BetaxL B22xL B33xL	lunghezze libere di inflessione (se indicato riferiti al piano di normale 22 o 33 rispettivamente)
Snellezza	snellezza massima
Classe	classe del profilo
Chi mn	coefficiente di riduzione (della capacità) per la modalità di instabilità pertinente
Rif. cmb	combinazioni in cui si sono rispettivamente attinti i valori di verifica più elevati
V flst	(TRAVI E PILASTRI) verifica di stabilità come da par. 4.2.4.1.3.2 per punto (4.2.49)
B1-1 x L	Beta1-1 x L: interasse tra i ritegni torsionali
Chi LT	coefficiente di riduzione (della capacità) per la modalità di instabilità flesso-torsionale
Snell adim	Valore della snellezza adimensionale, utilizzato per il controllo previsto al par. 7.5.5
v.Omeg	Valore del rapporto capacità/domanda per l' azione di interesse (momento per travi e azione assiale per aste) utilizzato per l' amplificazione delle azioni
f.Om. N	Fattore di amplificazione delle azioni assiali per travi e colonne (prodotto di 1.1 x Omega x gamma rd materiale); utilizzato come specificato al par. 7.5.5

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f.Om. T	Fattore di amplificazione delle azioni (assiali, flettenti e taglianti) per colonne (prodotto di 1.1 x Omega x gamma rd materiale); utilizzato come specificato al par. 7.5.4
V.7.5.3 M Ed	Verifica come prevista al punto 7.5.3 e valore dell' azione flettente
V.7.5.4 N Ed	Verifica come prevista al punto 7.5.4 e valore dell' azione assiale
V.7.5.5 V Ed,G V Ed,M	Verifica come prevista al punto 7.5.5 e valore dei tagli dovuti ai carichi e alla capacità
V.7.5.9 V Ed	Verifica come prevista al punto 7.5.9 e valore dell' azione di taglio
sovr. Xi (Xf, Yi, Yf)	Valore della sovraresistenza come prevista al par. 7.5.4.3 (i valori non sono normalizzati pertanto saranno maggiori uguali a gamma rd classe di duttilità)

Trave	Stato	Note	V V/T	V N/M	V stab	Cl.	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT	Rif. cmb
175	ok	s=1,m=159	9.40e-04	4.94e-04		4	0.3	0.5	36.8	0.89	1.42e-04	0.3	1.00	89,359,0,28
176	ok	s=1,m=159	0.12	0.08		4	0.3	0.5	36.8	0.89	0.05	0.2	1.00	78,138,0,138
177	ok	s=1,m=159	0.21	0.60	0.63	4	0.3	0.5	36.8	0.89	0.30	0.2	1.00	365,2,2,2
178	ok	s=1,m=159	0.23	0.62	0.65	4	0.3	0.5	36.8	0.89	0.35	0.2	1.00	378,385,385,385
186	ok	s=1,m=159	0.04	0.25		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	174,78,0,42
187	ok	s=1,m=159	0.07	0.30		4	0.3	0.5	36.8	0.89	0.18	0.2	1.00	2,78,0,42
188	ok	s=1,m=159	0.17	0.19		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	2,383,0,386
189	ok	s=1,m=159	0.10	0.32		4	0.3	0.5	36.8	0.89	0.14	0.2	1.00	386,386,0,386
190	ok	s=1,m=159	0.13	0.24		4	0.3	0.5	36.8	0.89	0.11	0.2	1.00	381,383,0,383
191	ok	s=1,m=159	0.17	0.30		4	0.3	0.5	36.8	0.89	0.15	0.2	1.00	381,377,0,385
192	ok	s=1,m=159	0.11	0.16		4	0.3	0.5	36.8	0.89	0.13	0.2	1.00	78,78,0,138
193	ok	s=1,m=159	0.16	0.44		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	365,2,0,370
194	ok	s=1,m=159	0.20	0.39		4	0.3	0.5	36.8	0.89	0.21	0.2	1.00	378,385,0,385
195	ok	s=1,m=159	0.02	0.27		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	378,78,0,42
196	ok	s=1,m=159	0.09	0.22		4	0.3	0.5	36.8	0.89	0.13	0.2	1.00	2,78,0,386
197	ok	s=1,m=159	0.19	0.39		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	2,2,0,383
198	ok	s=1,m=159	0.10	0.24		4	0.3	0.5	36.8	0.89	0.09	0.2	1.00	383,138,0,78
199	ok	s=1,m=159	0.12	0.13		4	0.3	0.5	36.8	0.89	0.06	0.2	1.00	383,2,0,386
200	ok	s=1,m=159	0.19	0.46		4	0.3	0.5	36.8	0.89	0.25	0.2	1.00	381,385,0,385
201	ok	s=1,m=159	0.12	0.12		4	0.3	0.5	36.8	0.89	0.10	0.2	1.00	78,138,0,138
202	ok	s=1,m=159	0.18	0.51	0.55	4	0.3	0.5	36.8	0.89	0.22	0.2	1.00	365,2,2,2
203	ok	s=1,m=159	0.22	0.50		4	0.3	0.5	36.8	0.89	0.27	0.2	1.00	378,385,0,385
204	ok	s=1,m=159	0.03	0.26		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	378,78,0,42
205	ok	s=1,m=159	0.08	0.25		4	0.3	0.5	36.8	0.89	0.16	0.2	1.00	2,78,0,42
206	ok	s=1,m=159	0.18	0.26		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	2,1,0,383
207	ok	s=1,m=159	0.10	0.26		4	0.3	0.5	36.8	0.89	0.10	0.2	1.00	386,2,0,386
208	ok	s=1,m=159	0.13	0.16		4	0.3	0.5	36.8	0.89	0.08	0.2	1.00	383,383,0,386
209	ok	s=1,m=159	0.18	0.37		4	0.3	0.5	36.8	0.89	0.20	0.2	1.00	381,377,0,385
210	ok	s=1,m=159	0.10	0.22		4	0.3	0.5	36.8	0.89	0.16	0.2	1.00	78,78,0,42
211	ok	s=1,m=159	0.15	0.36		4	0.3	0.5	36.8	0.89	0.15	0.2	1.00	365,2,0,386
212	ok	s=1,m=159	0.19	0.31		4	0.3	0.5	36.8	0.89	0.15	0.2	1.00	377,383,0,381
213	ok	s=1,m=159	0.03	0.28		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	375,78,0,42
214	ok	s=1,m=159	0.10	0.19		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	2,378,0,386
215	ok	s=1,m=159	0.20	0.53		4	0.3	0.5	36.8	0.89	0.26	0.2	1.00	34,2,0,2
216	ok	s=1,m=159	0.11	0.24		4	0.3	0.5	36.8	0.89	0.11	0.2	1.00	383,42,0,377
217	ok	s=1,m=159	0.10	0.10		4	0.3	0.5	36.8	0.89	0.05	0.2	1.00	383,4,0,4
218	ok	s=1,m=159	0.20	0.57		4	0.3	0.5	36.8	0.89	0.31	0.2	1.00	381,385,0,385
219	ok	s=1,m=159	0.12	0.11		4	0.3	0.5	36.8	0.89	0.08	0.2	1.00	78,138,0,138
220	ok	s=1,m=159	0.19	0.54	0.58	4	0.3	0.5	36.8	0.89	0.26	0.2	1.00	365,2,2,2
221	ok	s=1,m=159	0.22	0.56		4	0.3	0.5	36.8	0.89	0.31	0.2	1.00	378,385,0,385
222	ok	s=1,m=159	0.04	0.24		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	378,78,0,42
223	ok	s=1,m=159	0.08	0.27		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	2,78,0,42
224	ok	s=1,m=159	0.17	0.21		4	0.3	0.5	36.8	0.89	0.10	0.2	1.00	2,383,0,383
225	ok	s=1,m=159	0.10	0.27		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	386,2,0,386
226	ok	s=1,m=159	0.13	0.20		4	0.3	0.5	36.8	0.89	0.09	0.2	1.00	383,383,0,383
227	ok	s=1,m=159	0.18	0.33		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	381,377,0,385
228	ok	s=1,m=159	0.10	0.18		4	0.3	0.5	36.8	0.89	0.14	0.2	1.00	78,78,0,42
229	ok	s=1,m=159	0.16	0.40		4	0.3	0.5	36.8	0.89	0.16	0.2	1.00	365,2,0,386
230	ok	s=1,m=159	0.19	0.35		4	0.3	0.5	36.8	0.89	0.18	0.2	1.00	378,381,0,385
231	ok	s=1,m=159	0.02	0.27		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	375,78,0,42
232	ok	s=1,m=159	0.10	0.20		4	0.3	0.5	36.8	0.89	0.13	0.2	1.00	2,378,0,386
233	ok	s=1,m=159	0.20	0.46		4	0.3	0.5	36.8	0.89	0.21	0.2	1.00	2,2,0,2

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Facchini Massimo
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19/03/2024 18:24
Serial#: Certificato:
2f02585
Emesso dal 01/09/2023 al
01/09/2026
Actalis Qualified Electronic
Seal Euro CA

234	ok s=1,m=159	0.10	0.23		4	0.3	0.5	36.8	0.89	0.09	0.2	1.00	383,138,0,78
235	ok s=1,m=159	0.11	0.12		4	0.3	0.5	36.8	0.89	0.05	0.2	1.00	383,4,0,4
236	ok s=1,m=159	0.20	0.52		4	0.3	0.5	36.8	0.89	0.28	0.2	1.00	381,385,0,385
237	ok s=1,m=159	0.11	0.14		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	78,78,0,138
238	ok s=1,m=159	0.17	0.48	0.51	4	0.3	0.5	36.8	0.89	0.19	0.2	1.00	365,2,2,370
239	ok s=1,m=159	0.21	0.44		4	0.3	0.5	36.8	0.89	0.24	0.2	1.00	378,385,0,385
240	ok s=1,m=159	0.03	0.27		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	378,78,0,42
241	ok s=1,m=159	0.09	0.24		4	0.3	0.5	36.8	0.89	0.14	0.2	1.00	2,78,0,42
242	ok s=1,m=159	0.18	0.32		4	0.3	0.5	36.8	0.89	0.14	0.2	1.00	2,3,0,383
243	ok s=1,m=159	0.09	0.25		4	0.3	0.5	36.8	0.89	0.08	0.2	1.00	383,2,0,78
244	ok s=1,m=159	0.12	0.14		4	0.3	0.5	36.8	0.89	0.07	0.2	1.00	383,2,0,386
245	ok s=1,m=159	0.19	0.42		4	0.3	0.5	36.8	0.89	0.22	0.2	1.00	381,385,0,385
246	ok s=1,m=159	0.09	0.26		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	78,78,0,42
247	ok s=1,m=159	0.15	0.32		4	0.3	0.5	36.8	0.89	0.14	0.2	1.00	365,2,0,386
248	ok s=1,m=159	0.19	0.29		4	0.3	0.5	36.8	0.89	0.13	0.2	1.00	377,383,0,383
249	ok s=1,m=159	0.03	0.30		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	383,78,0,42
250	ok s=28,m=159	0.15	0.29		4	9.18e-02	3.12e-02	7.0	1.00	0.92	2.3	0.14	2,174,0,386
251	ok s=1,m=159	0.19	0.61		4	0.3	0.5	36.8	0.89	0.32	0.2	1.00	2,2,0,2
252	ok s=28,m=159	0.17	0.35		4	9.18e-02	3.12e-02	7.0	1.00	0.30	2.1	0.16	379,42,0,376
253	ok s=1,m=159	0.10	0.08		4	0.3	0.5	36.8	0.89	0.03	0.2	1.00	386,143,0,143
254	ok s=1,m=159	0.21	0.64	0.67	4	0.3	0.5	36.8	0.89	0.35	0.2	1.00	381,385,385,385
554	ok s=1,m=159	0.09	0.25		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	77,77,0,41
555	ok s=1,m=159	0.15	0.33		4	0.3	0.5	36.8	0.89	0.14	0.2	1.00	1,1,0,376
556	ok s=1,m=159	0.18	0.42		4	0.3	0.5	36.8	0.89	0.22	0.2	1.00	371,375,0,375
560	ok s=1,m=159	0.18	0.28		4	0.3	0.5	36.8	0.89	0.13	0.2	1.00	375,377,0,377
737	ok s=1,m=159	9.40e-04	4.90e-04		4	0.3	0.5	36.8	0.89	1.42e-04	0.3	1.00	140,355,0,44
738	ok s=1,m=159	0.12	0.08		4	0.3	0.5	36.8	0.89	0.05	0.2	1.00	77,137,0,137
739	ok s=1,m=159	0.20	0.60	0.64	4	0.3	0.5	36.8	0.89	0.30	0.2	1.00	1,1,1,1
740	ok s=1,m=159	0.23	0.64	0.67	4	0.3	0.5	36.8	0.89	0.35	0.2	1.00	384,375,375,375
816	ok s=1,m=159	0.04	0.25		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	173,77,0,41
817	ok s=1,m=159	0.07	0.30		4	0.3	0.5	36.8	0.89	0.18	0.2	1.00	1,77,0,41
818	ok s=1,m=159	0.17	0.19		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	1,377,0,376
820	ok s=1,m=159	0.10	0.33		4	0.3	0.5	36.8	0.89	0.14	0.2	1.00	376,376,0,376
821	ok s=1,m=159	0.13	0.25		4	0.3	0.5	36.8	0.89	0.11	0.2	1.00	377,377,0,377
822	ok s=1,m=159	0.17	0.31		4	0.3	0.5	36.8	0.89	0.15	0.2	1.00	377,383,0,375
823	ok s=1,m=159	0.11	0.17		4	0.3	0.5	36.8	0.89	0.13	0.2	1.00	77,77,0,137
824	ok s=1,m=159	0.16	0.44		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	367,1,0,364
825	ok s=1,m=159	0.20	0.39		4	0.3	0.5	36.8	0.89	0.21	0.2	1.00	384,371,0,371
828	ok s=1,m=159	0.03	0.27		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	384,77,0,41
829	ok s=1,m=159	0.09	0.23		4	0.3	0.5	36.8	0.89	0.13	0.2	1.00	1,77,0,376
830	ok s=1,m=159	0.19	0.38		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	1,3,0,377
831	ok s=1,m=159	0.10	0.24		4	0.3	0.5	36.8	0.89	0.09	0.2	1.00	377,137,0,77
832	ok s=1,m=159	0.12	0.13		4	0.3	0.5	36.8	0.89	0.06	0.2	1.00	377,4,0,376
833	ok s=1,m=159	0.19	0.46		4	0.3	0.5	36.8	0.89	0.25	0.2	1.00	371,375,0,375
843	ok s=1,m=159	0.12	0.13		4	0.3	0.5	36.8	0.89	0.10	0.2	1.00	77,137,0,137
844	ok s=1,m=159	0.18	0.52	0.56	4	0.3	0.5	36.8	0.89	0.23	0.2	1.00	1,1,1,1
845	ok s=1,m=159	0.21	0.51		4	0.3	0.5	36.8	0.89	0.27	0.2	1.00	384,375,0,375
846	ok s=1,m=159	0.03	0.26		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	384,77,0,41
847	ok s=1,m=159	0.08	0.25		4	0.3	0.5	36.8	0.89	0.16	0.2	1.00	1,77,0,41
848	ok s=1,m=159	0.18	0.26		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	1,3,0,377
849	ok s=1,m=159	0.10	0.26		4	0.3	0.5	36.8	0.89	0.10	0.2	1.00	376,1,0,376
850	ok s=1,m=159	0.13	0.16		4	0.3	0.5	36.8	0.89	0.08	0.2	1.00	377,377,0,376
851	ok s=1,m=159	0.18	0.37		4	0.3	0.5	36.8	0.89	0.20	0.2	1.00	371,383,0,375
852	ok s=1,m=159	0.10	0.21		4	0.3	0.5	36.8	0.89	0.16	0.2	1.00	77,77,0,41
853	ok s=1,m=159	0.15	0.36		4	0.3	0.5	36.8	0.89	0.15	0.2	1.00	1,1,0,376
854	ok s=1,m=159	0.18	0.30		4	0.3	0.5	36.8	0.89	0.15	0.2	1.00	383,375,0,373
942	ok s=1,m=159	0.03	0.28		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	385,77,0,41
943	ok s=1,m=159	0.10	0.20		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	1,384,0,376
944	ok s=1,m=159	0.20	0.52		4	0.3	0.5	36.8	0.89	0.26	0.2	1.00	33,3,0,1
945	ok s=1,m=159	0.11	0.24		4	0.3	0.5	36.8	0.89	0.11	0.2	1.00	377,41,0,375
946	ok s=1,m=159	0.11	0.10		4	0.3	0.5	36.8	0.89	0.05	0.2	1.00	377,4,0,4
947	ok s=1,m=159	0.20	0.57		4	0.3	0.5	36.8	0.89	0.31	0.2	1.00	371,383,0,375
948	ok s=1,m=159	0.12	0.11		4	0.3	0.5	36.8	0.89	0.08	0.2	1.00	77,137,0,137
949	ok s=1,m=159	0.19	0.56	0.60	4	0.3	0.5	36.8	0.89	0.26	0.2	1.00	1,1,1,1
950	ok s=1,m=159	0.22	0.57		4	0.3	0.5	36.8	0.89	0.31	0.2	1.00	384,375,0,375
951	ok s=1,m=159	0.04	0.25		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	384,77,0,41
952	ok s=1,m=159	0.08	0.27		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	1,77,0,41
953	ok s=1,m=159	0.17	0.21		4	0.3	0.5	36.8	0.89	0.10	0.2	1.00	1,377,0,376
954	ok s=1,m=159	0.10	0.27		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	376,4,0,376
955	ok s=1,m=159	0.13	0.20		4	0.3	0.5	36.8	0.89	0.09	0.2	1.00	377,377,0,377

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956	ok s=1,m=159	0.17	0.34		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	371,383,0,375
957	ok s=1,m=159	0.10	0.18		4	0.3	0.5	36.8	0.89	0.15	0.2	1.00	77,77,0,41
958	ok s=1,m=159	0.16	0.40		4	0.3	0.5	36.8	0.89	0.16	0.2	1.00	367,1,0,376
959	ok s=1,m=159	0.19	0.34		4	0.3	0.5	36.8	0.89	0.18	0.2	1.00	384,371,0,373
967	ok s=1,m=159	0.03	0.27		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	385,77,0,41
968	ok s=1,m=159	0.10	0.21		4	0.3	0.5	36.8	0.89	0.13	0.2	1.00	1,384,0,376
969	ok s=1,m=159	0.19	0.45		4	0.3	0.5	36.8	0.89	0.21	0.2	1.00	1,3,0,1
970	ok s=1,m=159	0.10	0.23		4	0.3	0.5	36.8	0.89	0.09	0.2	1.00	377,137,0,77
971	ok s=1,m=159	0.11	0.12		4	0.3	0.5	36.8	0.89	0.05	0.2	1.00	377,4,0,4
972	ok s=1,m=159	0.20	0.51		4	0.3	0.5	36.8	0.89	0.28	0.2	1.00	371,375,0,375
973	ok s=1,m=159	0.11	0.14		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	77,77,0,137
974	ok s=1,m=159	0.17	0.48	0.51	4	0.3	0.5	36.8	0.89	0.20	0.2	1.00	1,1,1,1
975	ok s=1,m=159	0.20	0.45		4	0.3	0.5	36.8	0.89	0.24	0.2	1.00	384,375,0,375
976	ok s=1,m=159	0.03	0.27		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	384,77,0,41
977	ok s=1,m=159	0.09	0.24		4	0.3	0.5	36.8	0.89	0.14	0.2	1.00	1,77,0,41
978	ok s=1,m=159	0.18	0.32		4	0.3	0.5	36.8	0.89	0.14	0.2	1.00	1,3,0,377
999	ok s=1,m=159	0.09	0.25		4	0.3	0.5	36.8	0.89	0.08	0.2	1.00	377,1,0,77
1000	ok s=1,m=159	0.12	0.14		4	0.3	0.5	36.8	0.89	0.07	0.2	1.00	377,4,0,376
1051	ok s=1,m=159	0.03	0.30		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	369,77,0,41
1060	ok s=28,m=159	0.15	0.28		4	9.18e-02	3.12e-02	7.0	1.00	0.92	2.3	0.14	1,173,0,376
1061	ok s=1,m=159	0.19	0.59		4	0.3	0.5	36.8	0.89	0.31	0.2	1.00	1,3,0,1
1062	ok s=28,m=159	0.18	0.36		4	9.18e-02	3.12e-02	7.0	1.00	0.28	2.1	0.17	377,41,0,378
1073	ok s=1,m=159	0.10	0.08		4	0.3	0.5	36.8	0.89	0.03	0.2	1.00	376,143,0,143
1074	ok s=1,m=159	0.21	0.63	0.65	4	0.3	0.5	36.8	0.89	0.35	0.2	1.00	371,383,375,375

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Facchini Massimo
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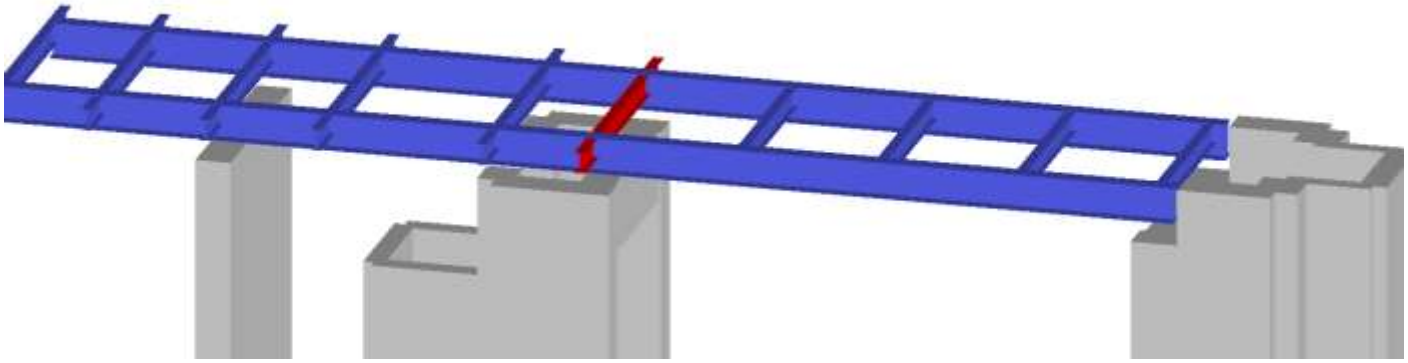
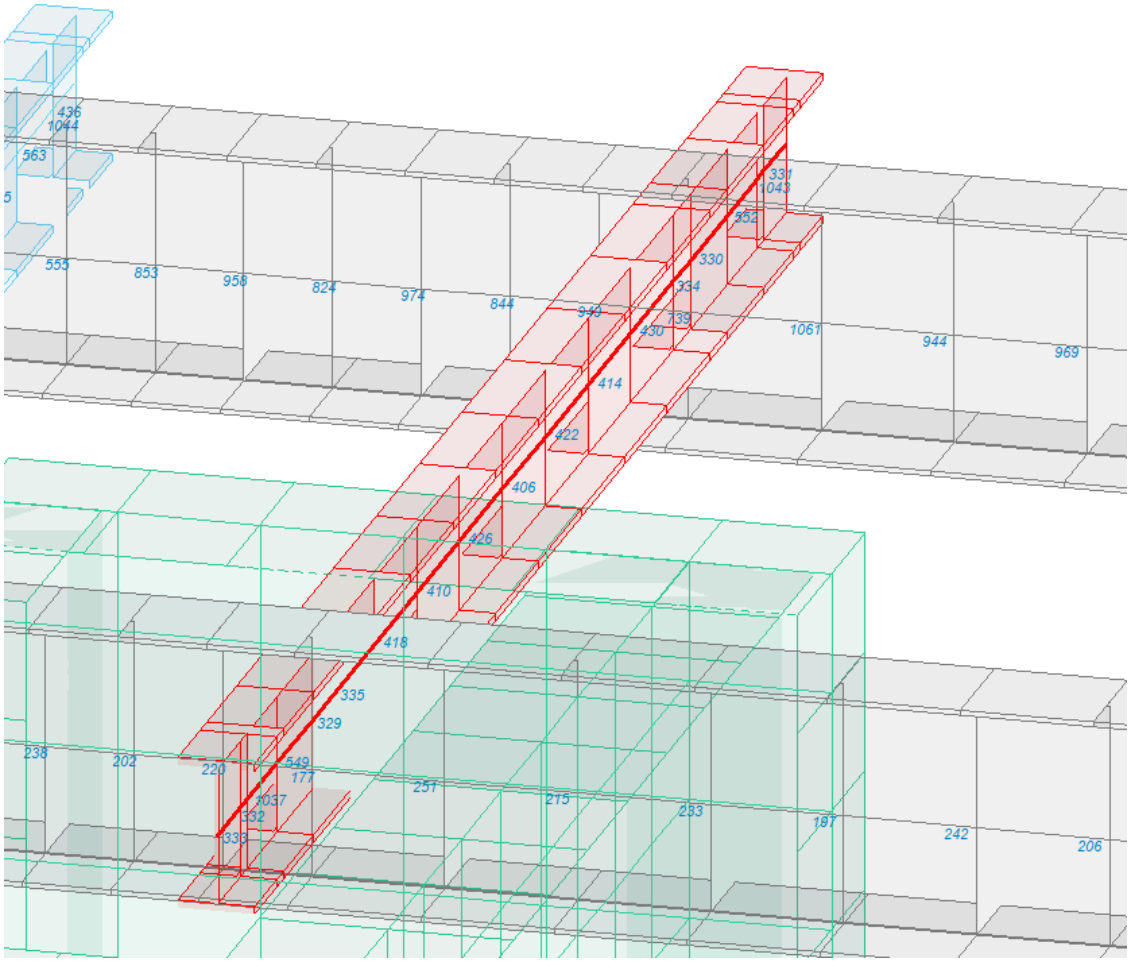
10.5.3 Verifica travi HEB 600 impalcato

ELEMENTO MAGGIORMENTE CARICATO



NUMERAZIONE



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Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Trave	Stato	Note	V V/T	V N/M	V stab	Cl.	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT	Rif. cmb
329	ok	s=5,m=13	0.17	0.36	0.17	1	1.5	1.30e-02	117.3	0.33	0.10	2.06e-02	1.00	362,383,386,379
330	ok	s=5,m=13	0.22	0.77		1	1.5	2.79e-02	117.3	0.33	0.14	3.60e-02	1.00	375,375,0,378
331	ok	s=5,m=13	0.02	7.74e-03		1	1.5	1.69e-02	117.3	0.33	6.47e-03	1.87e-02	1.00	373,373,0,373
332	ok	s=5,m=13	0.22	0.13		1	1.5	5.19e-03	117.3	0.33	0.09	8.11e-03	1.00	385,361,0,361
333	ok	s=5,m=13	0.02	7.40e-03		1	1.5	1.69e-02	117.3	0.33	6.19e-03	1.87e-02	1.00	379,379,0,379
334	ok	s=5,m=13	0.22	0.40	0.51	1	1.5	1.30e-02	117.3	0.33	0.23	1.89e-02	1.00	360,373,355,360
335	ok	s=5,m=13	0.12	0.17	0.15	1	1.5	3.25e-02	117.3	0.33	0.09	4.94e-02	1.00	362,379,382,379
406	ok	s=5,m=13	0.09	0.14	0.19	1	1.5	3.25e-02	117.3	0.33	0.12	4.49e-02	1.00	356,361,360,361
410	ok	s=5,m=13	0.10	0.09	0.09	1	1.5	3.25e-02	117.3	0.33	0.08	4.87e-02	1.00	362,381,380,381
414	ok	s=5,m=13	0.13	0.19	0.38	1	1.5	3.25e-02	117.3	0.33	0.16	4.63e-02	1.00	356,357,360,361
418	ok	s=5,m=13	0.11	0.10	0.10	1	1.5	3.25e-02	117.3	0.33	0.07	4.92e-02	1.00	362,379,384,379
422	ok	s=5,m=13	0.11	0.16	0.28	1	1.5	3.25e-02	117.3	0.33	0.14	4.57e-02	1.00	356,361,360,361
426	ok	s=5,m=13	0.08	0.11	0.12	1	1.5	3.25e-02	117.3	0.33	0.10	4.36e-02	1.00	362,361,360,361
430	ok	s=5,m=13	0.16	0.27	0.48	1	1.5	3.25e-02	117.3	0.33	0.19	4.68e-02	1.00	356,357,360,357
549	ok	s=5,m=13	0.21	0.74		1	1.5	2.79e-02	117.3	0.33	0.14	3.68e-02	1.00	385,379,0,382
552	ok	s=5,m=13	0.22	0.36		1	1.5	2.27e-02	117.3	0.33	0.06	2.41e-02	1.00	375,375,0,378
1037	ok	s=5,m=13	0.21	0.35		1	1.5	2.28e-02	117.3	0.33	0.09	3.20e-02	1.00	385,379,0,361
1043	ok	s=5,m=13	0.23	0.10		1	1.5	5.20e-03	117.3	0.33	0.06	7.27e-03	1.00	375,373,0,373

Trave	V V/T	V N/M	V stab	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT
							0.33			1.00
	0.23	0.77	0.51	1.53	0.03	117.25		0.23	0.05	

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Facchini Massimo
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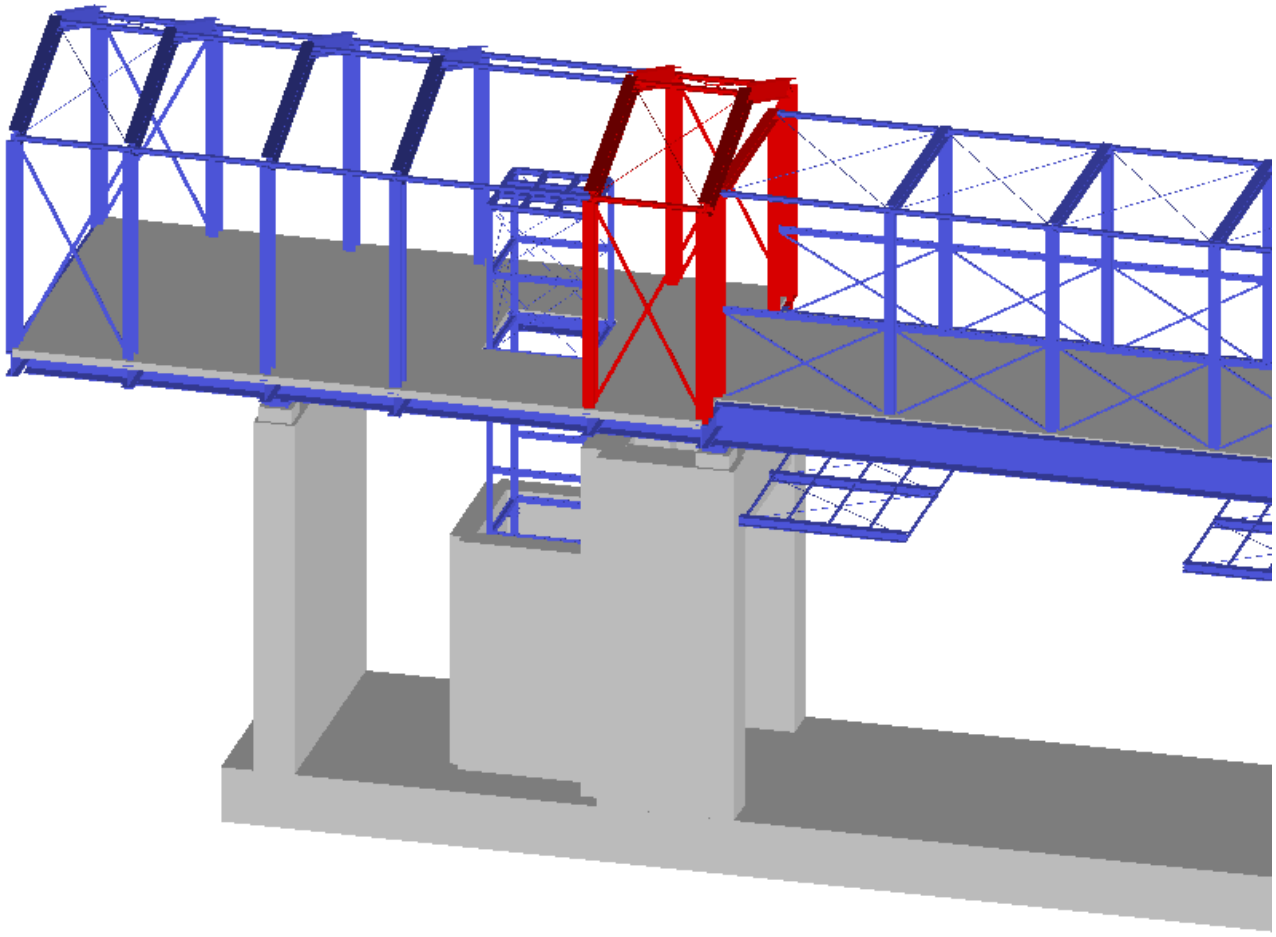
10.5.4 Verifica telai in elevazione impalcato

ELEMENTI MAGGIORMENTE SOLLECITATE



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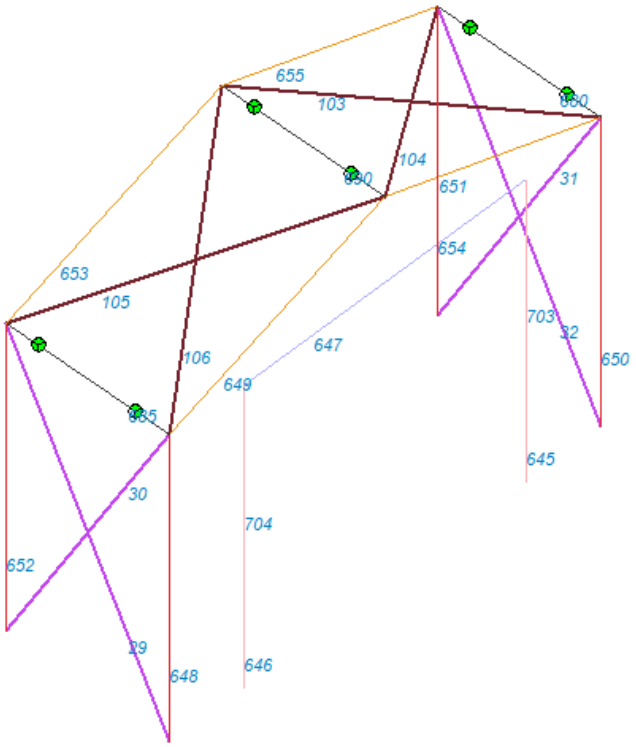
NUMERAZIONE ELEMENTI



Asta	Stato	Note	V N	N kN	V stab	N kN	Cl.	Beta x L cm	Snell.	LambDaS	Chi mn	v.Omeg	Rif. cmb
29	oks=15,m=13		0.97	493.6			1	483.9	1117.4	14.62	4.53e-03	0.0	385,0
30	oks=15,m=13		0.65	331.9			1	483.9	1117.4	14.62	4.53e-03	0.0	384,0
31	oks=15,m=13		0.66	334.8			1	483.9	1117.4	14.62	4.53e-03	0.0	378,0
32	oks=15,m=13		0.98	498.2			1	483.9	1117.4	14.62	4.53e-03	0.0	375,0
Asta			**V N**	**N**	**V stab**	**N**		**Beta x L**	**Snell.**	**LambDaS**	**Chi mn**	**v.Omeg**	
				331.87						14.62	4.53e-03	0.0	
			0.98	498.24				483.85	1117.41	14.62		0.0	

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Trave	Stato	Note	V V/T	V N/M	V stab	Cl.	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT	Rif. cmb
647	oks=30,m=13		0.05	0.20		3	1.0	0.6	76.9	0.54	0.22	0.6	0.96	367,365,0,365
649	oks=10,m=13		0.05	0.17		1	0.7	0.3	55.8	0.77	0.09	0.5	1.00	374,358,0,358
651	oks=10,m=13		0.06	0.16		1	0.7	0.3	55.8	0.77	0.09	0.2	1.00	380,360,0,360
653	oks=10,m=13		0.08	0.22		1	0.7	0.3	55.8	0.77	0.11	0.5	1.00	373,357,0,357
655	oks=10,m=13		0.08	0.22		1	0.7	0.3	55.8	0.77	0.11	0.5	1.00	379,359,0,359
680	oks=11,m=13	2.81e-03	0.12	0.27		1	1.2	0.7	91.0	0.44	7.62e-03	0.5	0.98	2,378,378,5
685	oks=11,m=13	2.81e-03	0.12	0.27		1	1.2	0.7	91.0	0.44	7.62e-03	0.5	0.98	110,384,384,2
690	oks=11,m=13	2.81e-03	0.06	0.13		1	1.2	0.7	91.0	0.44	7.62e-03	0.5	0.98	6,378,378,151
Trave			**V V/T**	**V N/M**	**V stab**		**LamS 22**	**LamS 33**	**Snell.**	**Chi mn**	**V flst**	**LamS LT**	**Chi LT**	
										0.44			0.96	
			0.08	0.22	0.27		1.19	0.72	90.99		0.22	0.59		

Pilas.	Stato	Note	V V/T	V N/M	V stab	Cl.	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT	Rif. cmb
645	ok	s=8,m=13	0.04	0.62		1	0.9	0.5	69.8	0.59	0.19	0.1	1.00	377,377,0,367
646	ok	s=8,m=13	0.05	0.62		1	0.9	0.5	69.8	0.59	0.24	0.2	1.00	365,381,0,365
648	ok	s=9,m=13	0.03	0.26	0.24	1	1.9	0.7	146.5	0.23	0.14	0.2	1.00	361,381,384,361
650	ok	s=9,m=13	0.02	0.22	0.23	1	1.9	0.7	146.5	0.23	0.08	0.3	1.00	355,375,378,373

652	ok	s=9,m=13	0.03	0.17	0.35	1	1.9	0.7	146.5	0.23	0.11	0.3	1.00362,382,385,359
654	ok	s=9,m=13	0.03	0.17	0.36	1	1.9	0.7	146.5	0.23	0.10	0.2	1.00356,372,371,357
703	ok	s=8,m=13	0.03	0.62		1	1.2	0.7	89.9	0.45	0.13	0.2	1.00 367,377,0,367
704	ok	s=8,m=13	0.04	0.62		1	1.2	0.7	89.9	0.45	0.14	0.2	1.00 365,381,0,365

Pilas.	V V/T	V N/M	V stab	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT
							0.23			1.00
	0.05	0.62	0.36	1.92	0.73	146.47		0.24	0.33	

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10.5.5 Verifica portale in acciaio

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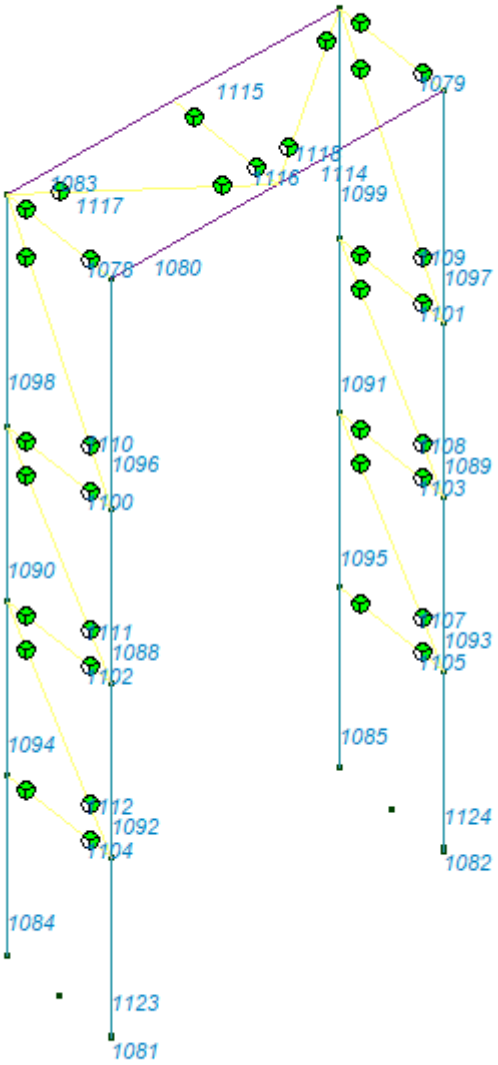

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Trave	Stato	Note	V V/T	V N/M	V stab	Cl.	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT	Rif. cmb
1078	oks=27,m=13		1.74e-03	0.02		1	1.0	0.6	75.6	0.55	4.34e-03	0.4	1.00	2,379,0,31
1079	oks=27,m=13		1.74e-03	0.02		1	1.0	0.6	75.6	0.55	4.34e-03	0.4	1.00	90,373,0,25
1080	oks=22,m=13		0.07	0.29		1	0.8	0.4	64.5	0.70	0.29	0.2	1.00	361,361,0,361
1083	oks=22,m=13		0.07	0.29		1	0.8	0.4	64.5	0.70	0.29	0.2	1.00	362,362,0,362
1100	oks=27,m=13		1.74e-03	0.06	0.11	1	1.0	0.6	75.6	0.55	4.34e-03	0.4	1.00	7,380,381,6
1101	oks=27,m=13		1.74e-03	0.06	0.11	1	1.0	0.6	75.6	0.55	4.34e-03	0.4	1.00	90,376,377,2
1102	oks=27,m=13		1.74e-03	0.08	0.15	1	1.0	0.6	75.6	0.55	4.34e-03	0.4	1.00	5,381,381,5
1103	oks=27,m=13		1.74e-03	0.08	0.15	1	1.0	0.6	75.6	0.55	4.34e-03	0.4	1.00	101,377,377,8
1104	oks=27,m=13		1.74e-03	0.09	0.17	1	1.0	0.6	75.6	0.55	4.34e-03	0.4	1.00	2,380,381,105
1105	oks=27,m=13		1.74e-03	0.09	0.17	1	1.0	0.6	75.6	0.55	4.34e-03	0.4	1.00	30,376,377,7
1107	oks=27,m=13		1.74e-03	0.16	0.64	1	1.7	1.1	133.0	0.25	8.30e-03	0.7	0.92	159,377,376,6

1108	oks=27,m=13	1.74e-03	0.13	0.52	1	1.7	1.1	133.0	0.25	8.30e-03	0.7	0.92	5,376,376,1	
1109	oks=27,m=13	1.74e-03	0.10	0.58	1	2.1	1.3	163.7	0.17	0.01	0.7	0.88	148,377,376,7	
1110	oks=27,m=13	1.74e-03	0.10	0.58	1	2.1	1.3	163.7	0.17	0.01	0.7	0.88	122,383,386,31	
1111	oks=27,m=13	1.74e-03	0.13	0.52	1	1.7	1.1	133.0	0.25	8.30e-03	0.7	0.92	138,380,380,1	
1112	oks=27,m=13	1.74e-03	0.16	0.64	1	1.7	1.1	133.0	0.25	8.30e-03	0.7	0.92	7,381,380,2	
1114	oks=22,m=13	0.06	0.29		1	0.8	0.4	64.5	0.70	0.29	0.2	1.00	360,360,0,360	
1115	oks=22,m=13	0.07	0.29		1	0.8	0.4	64.5	0.70	0.29	0.3	1.00	359,359,0,359	
1116	oks=27,m=13	1.74e-03	0.01		1	1.0	0.6	75.6	0.55	4.34e-03	0.4	1.00	5,374,0,29	
1117	oks=27,m=13	2.92e-03	0.02	0.08	1	1.7	1.0	126.4	0.27	0.01	0.6	0.93	102,378,375,6	
1118	oks=27,m=13	2.92e-03	0.02	0.08	1	1.7	1.0	126.4	0.27	0.01	0.6	0.93	6,384,385,101	

Trave	V V/T	V N/M	V stab	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT
							0.17			0.88
	0.07	0.29	0.64	2.14	1.33	163.67		0.29	0.74	

Pilas.	Stato	Note	V V/T	V N/M	V stab	Cl.	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT	Rif. cmb
1082	oks=20,m=13		0.08	0.46		1	1.66e-02	7.91e-03	1.3	1.00	0.44	7.38e-03	1.00	376,358,0,361
1084	oks=20,m=13		0.04	0.44	0.49	1	0.9	0.5	72.2	0.63	0.43	0.3	1.00	359,359,379,359
1085	oks=20,m=13		0.04	0.44	0.48	1	0.9	0.5	72.2	0.63	0.43	0.3	1.00	362,362,359,362
1088	oks=20,m=13		0.03	0.16		1	0.9	0.4	69.6	0.65	0.16	0.3	1.00	360,361,0,361
1089	oks=20,m=13		0.03	0.16		1	0.9	0.4	69.6	0.65	0.16	0.3	1.00	361,360,0,360
1090	oks=20,m=13		0.03	0.15	0.17	1	0.9	0.4	69.6	0.65	0.15	0.3	1.00	359,362,373,362
1091	oks=20,m=13		0.03	0.15	0.17	1	0.9	0.4	69.6	0.65	0.15	0.3	1.00	362,359,379,359
1092	oks=20,m=13		0.04	0.21	0.23	1	0.9	0.4	69.6	0.65	0.21	0.3	1.00	360,360,380,360
1093	oks=20,m=13		0.04	0.21	0.22	1	0.9	0.4	69.6	0.65	0.21	0.3	1.00	361,361,374,361
1094	oks=20,m=13		0.04	0.21	0.24	1	0.9	0.4	69.6	0.65	0.21	0.3	1.00	359,359,379,359
1095	oks=20,m=13		0.04	0.21	0.24	1	0.9	0.4	69.6	0.65	0.21	0.3	1.00	362,362,379,362
1096	oks=20,m=13		0.02	0.29		1	1.2	0.6	92.4	0.47	0.29	0.4	1.00	360,361,0,361
1097	oks=20,m=13		0.02	0.29		1	1.2	0.6	92.4	0.47	0.29	0.4	1.00	361,360,0,360
1098	oks=20,m=13		0.02	0.29	0.26	1	1.2	0.6	92.4	0.47	0.29	0.4	1.00	359,362,373,362
1099	oks=20,m=13		0.02	0.29	0.27	1	1.2	0.6	92.4	0.47	0.29	0.4	1.00	362,359,379,359
1123	oks=20,m=13		0.04	0.45	0.46	1	0.9	0.4	70.9	0.64	0.43	0.3	1.00	360,360,380,360
1124	oks=20,m=13		0.04	0.44	0.45	1	0.9	0.4	70.9	0.64	0.44	0.3	1.00	361,361,374,361

Pilas.	V V/T	V N/M	V stab	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT
							0.47			1.00
	0.08	0.46	0.49	1.21	0.58	92.42		0.44	0.43	

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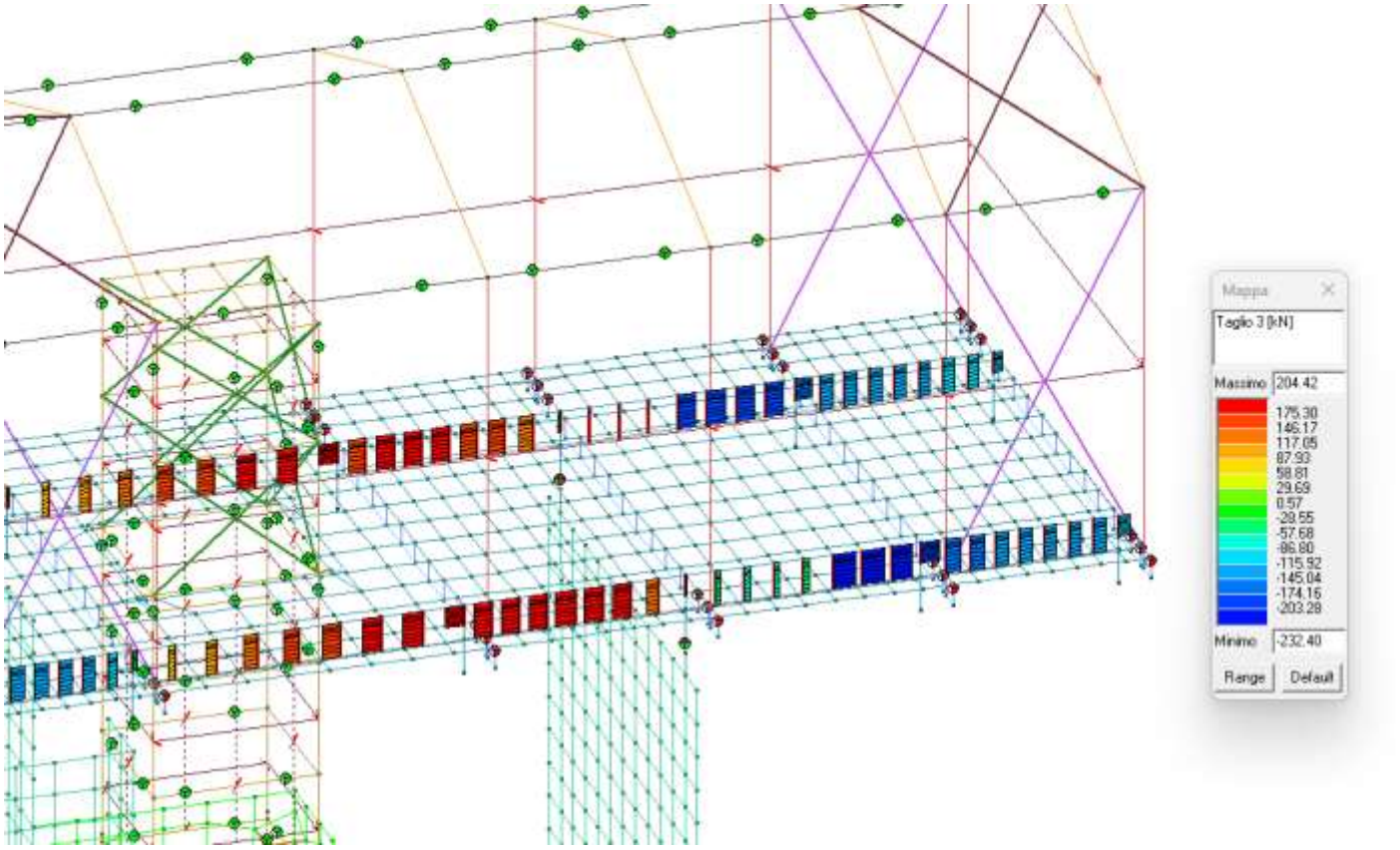
10.5.6 Verifica collegamento travi-soletta in

VERIFICA PIOLI NELSON.
Si riportano le sollecitazioni di taglio sui braccetti di collegamento tra trave e soletta



Nella zona più sollecitata considerando il passo dei braccetti di 47 cm inserito nel modello si ottiene un taglio al metro lineare di:

Tsd = 232.40 / 0.47 = 494.5 kN / ml

Considerano 10 pioli al metro lineare di ottiene una sollecitazoine sul singolo piolo pari a

Tsd = 494.5 / 10 = 49.5 kN

CALCOLO RESISTENZA SINGOLO PIOLO:

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CALCOLO RESISTENZA A TAGLIO DI UNA CONNESSIONE TIPO NTC 4.3.4.3.1.2					
rottura barra			**rottura calcestruzzo**		
ft	450		alfa	1	
d	19	mm	d	19	mm
gammav	1.15		fck	40	N/mm2
			Ec	31476	N/mm2
Trp	51.24378	kN	gammav	1.5	
			Trc	78.31297	kN
TAGLIO RESISTENTE Min (Trp;Trc)				**51.24**	**kN**

Si ottiene Trd = 51.24 kN > Tsd = 49.50 kN

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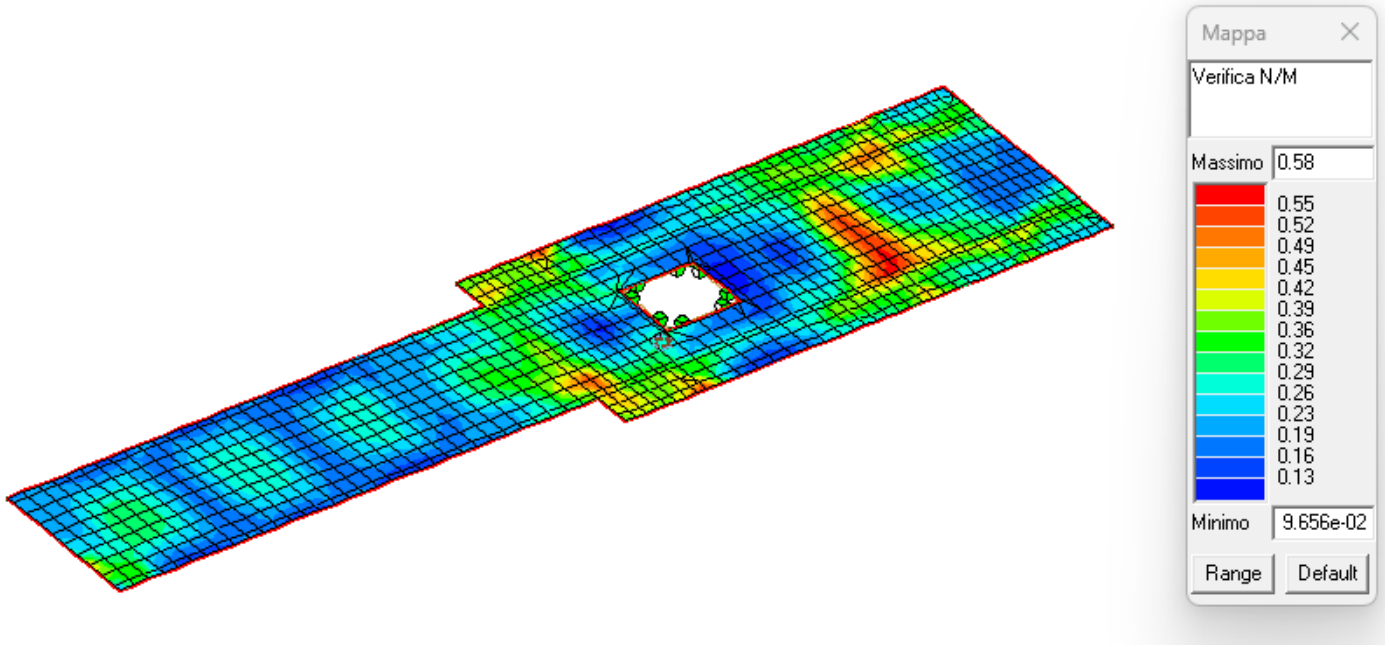
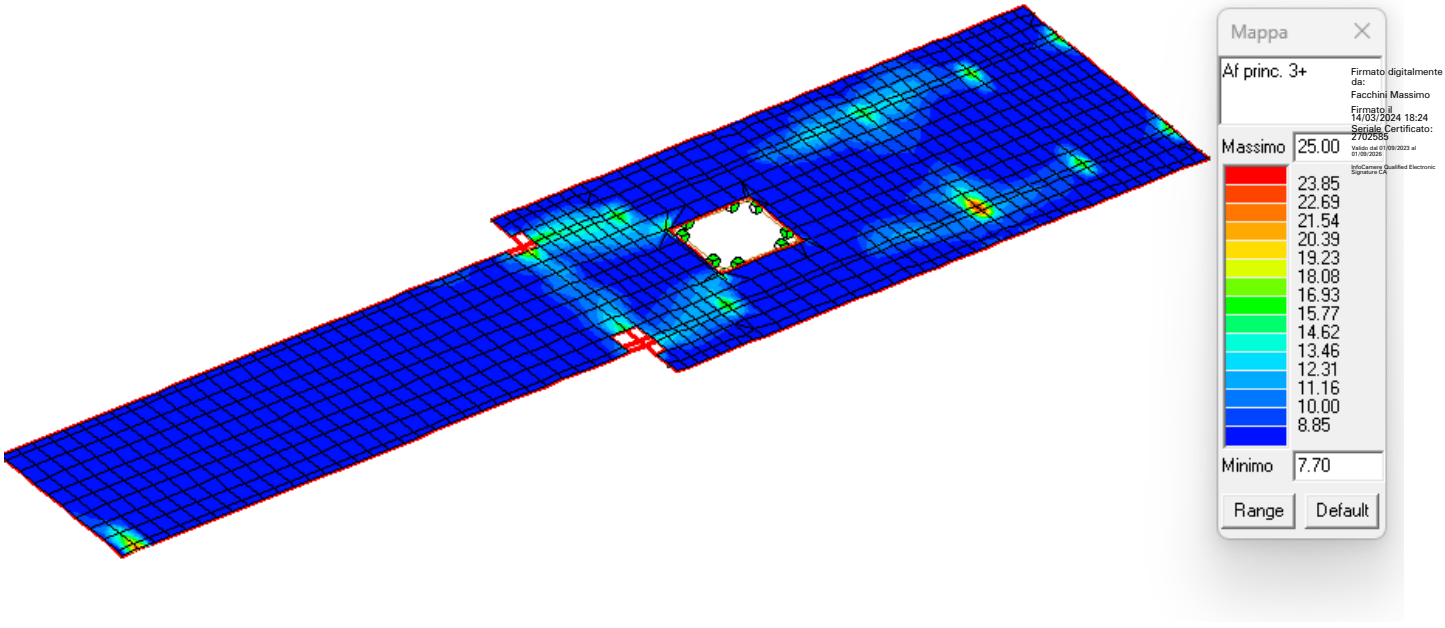
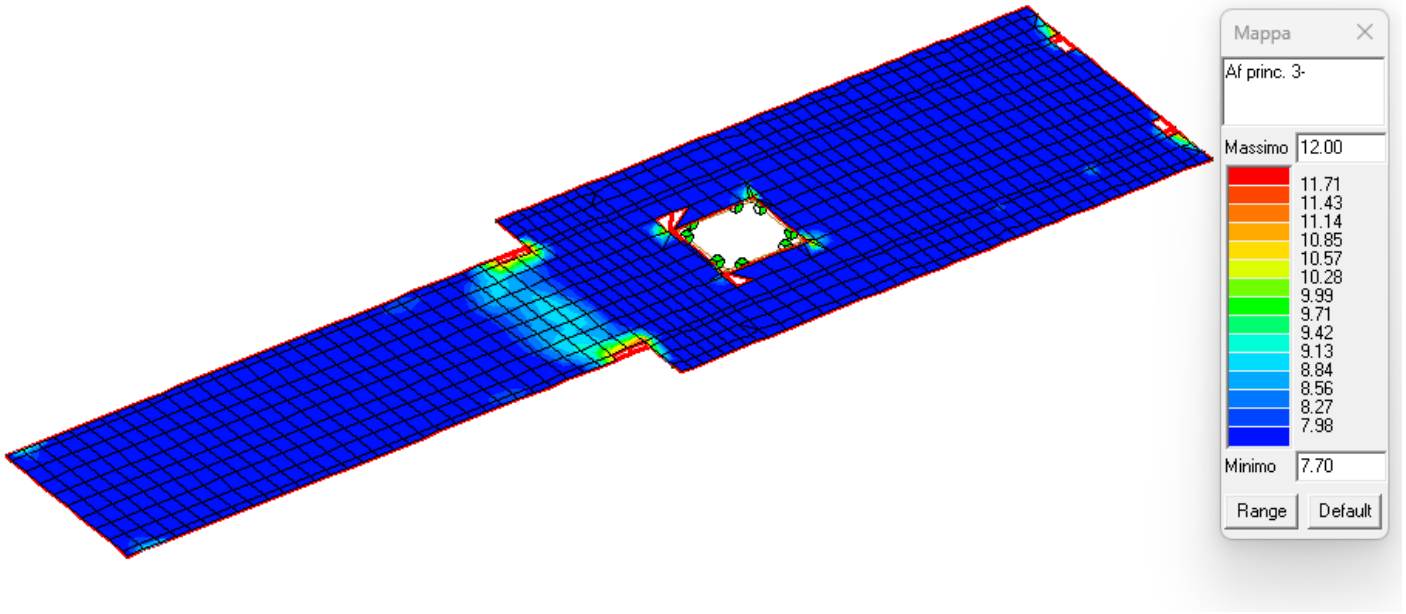
10.5.7 Verifica soletta in c.a. ed indicazione armatura

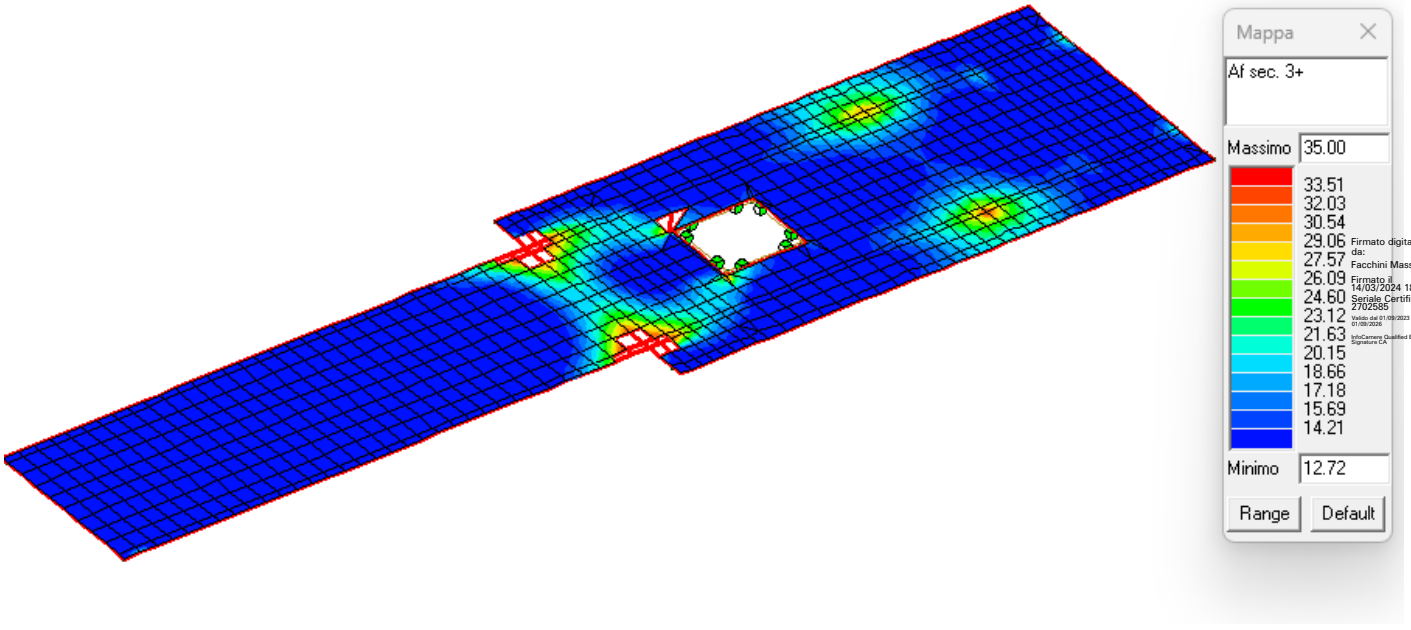
VERIFICHE DI RESISTENZA PASSERELLA IN C.A.



AREE DI ARMATURA IN CMQ/AL METRO







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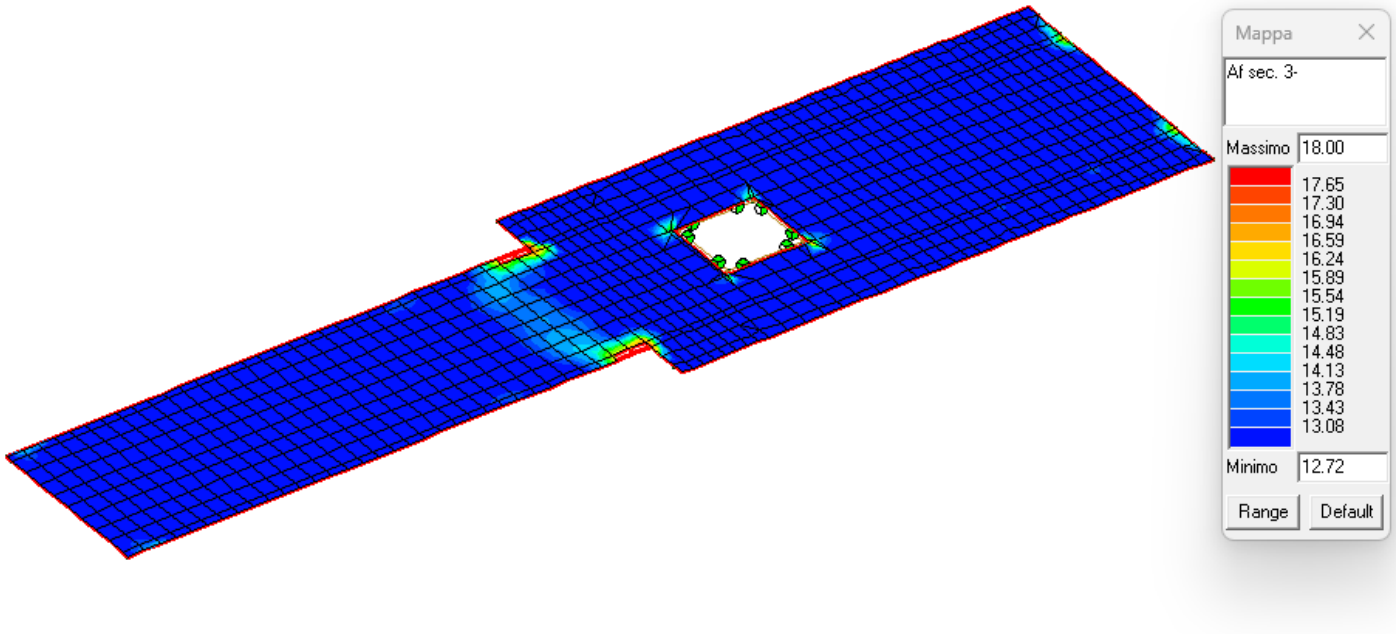

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10.5.8 Verifica allo SLD in termini si resistenza

Le verifiche allo SLD in termini di resistenza non sono necessarie in quanto si è progettata la struttura allo SLV con q=1 ottentendo sollecitazioni sempre maggiori rispetto a quello allo SLD

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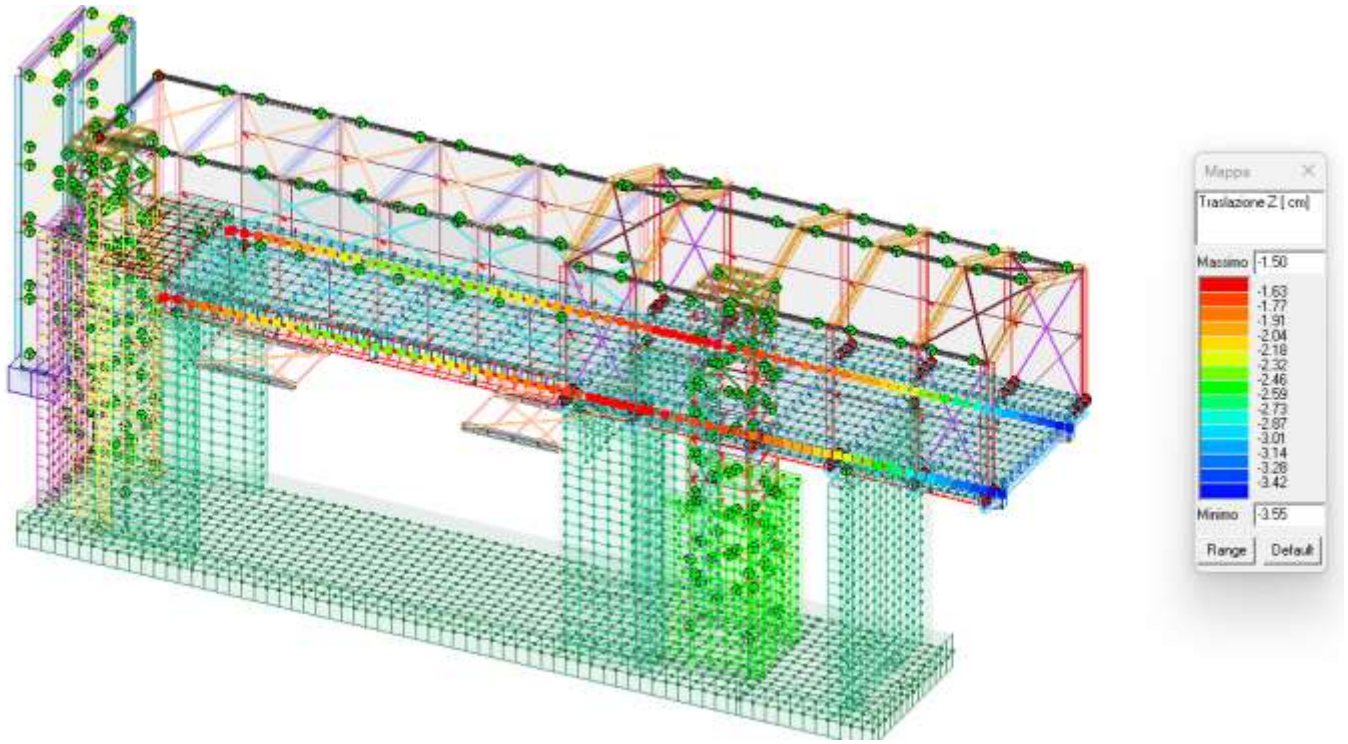
10.5.9 Verifica allo SLE in termini di deformazione

VERIFICA DEFORMAZIONE PASSERELLA

COMBINAZIONE SLE RARA



VERIFICA CAMPATA MAGGIORE

Limite normativo SLE rara= 1580 / 250 = 6,32 cm

Deformata SLE rara = 1,3 cm < 6,32 cm verifica soddisfatta

VERIFICA SBALZO

Limite normativo SLE rara= 615 / 250 = 2,46 cm

Deformata SLE rara = 1.23 cm < 2,46 cm verifica soddisfatta

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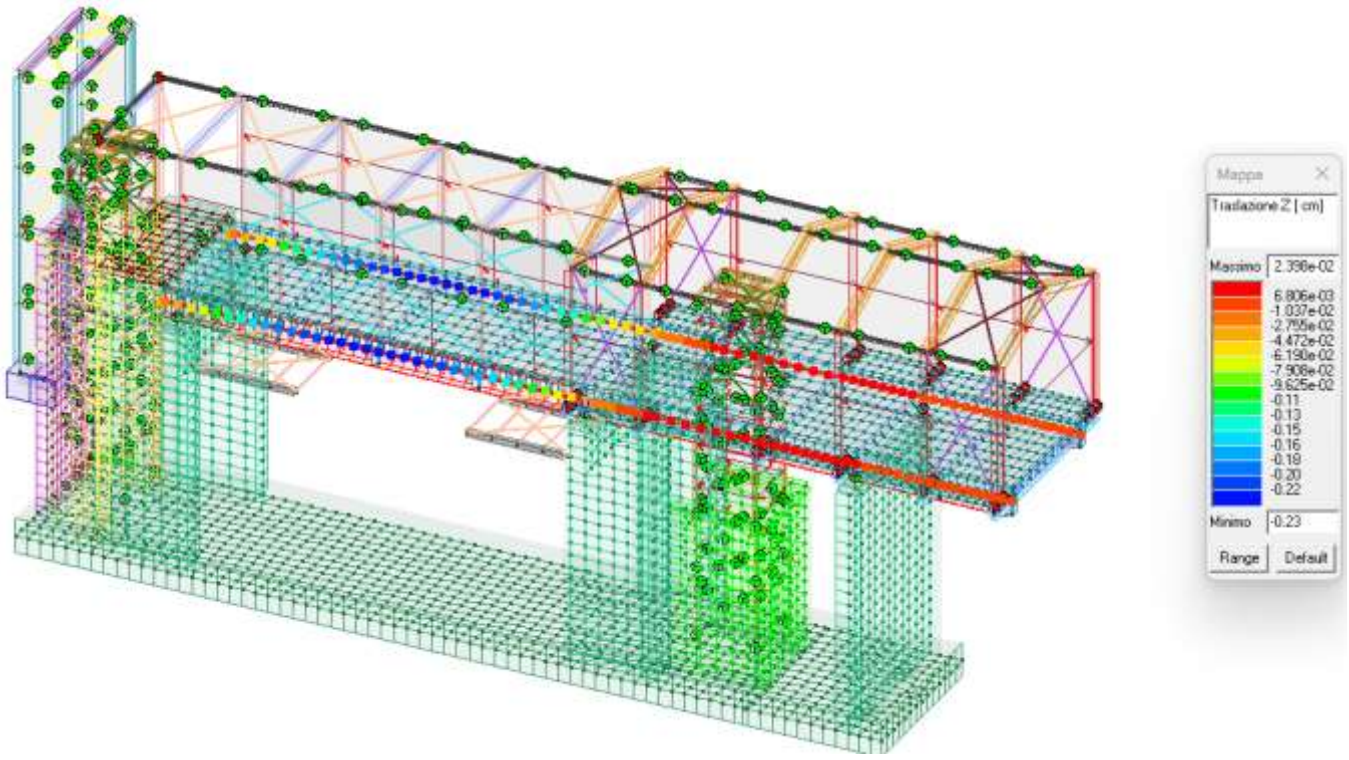
CARICO VARIABILE



VERIFICA CAMPATA MAGGIORE

Limite normativo SLE rara= 1580 / 300 = 5,27 cm

Deformata SLE rara = 0.23 cm < 5,27 cm verifica soddisfatta

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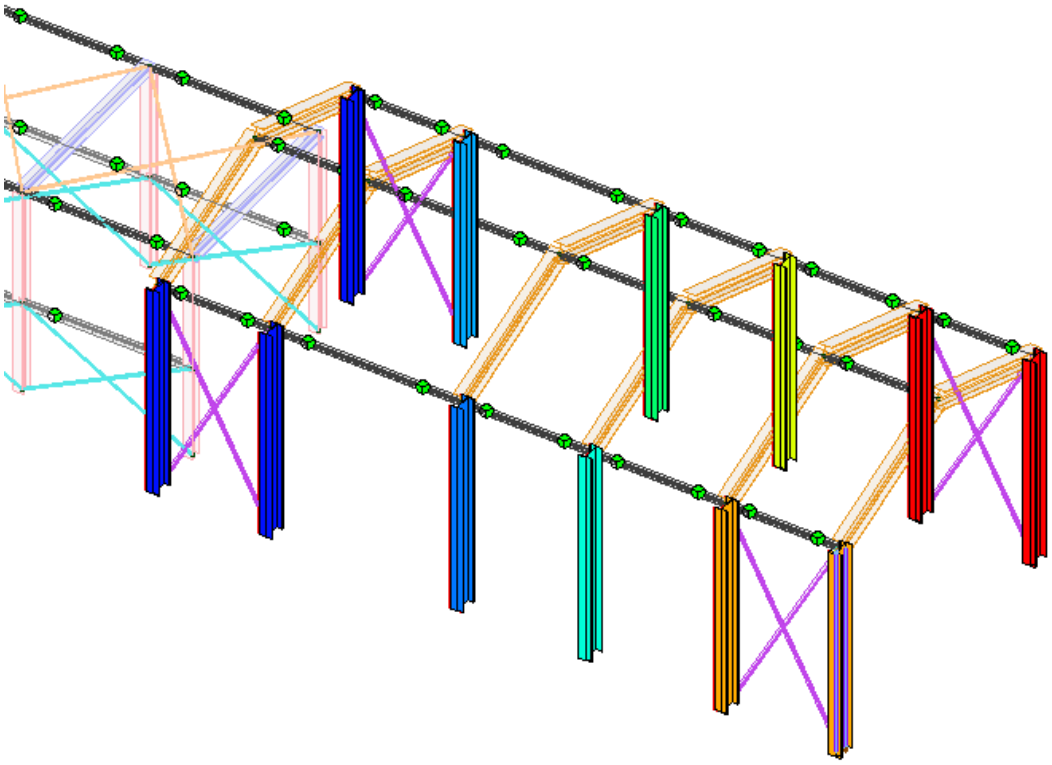
10.5.10 Verifica allo SLO in termini di deformazione

Come previsto al paragrafo 7.3.6.1 per tipologie di strutture con tamponature di tipo duttile il limite di verifica allo SLO deve rispettare il limite di 2/3 * 0.0075 h ovvero 0.005 h



Il drift massimo ottenuto risulta essere pari a 0.004 h < del limite normativo

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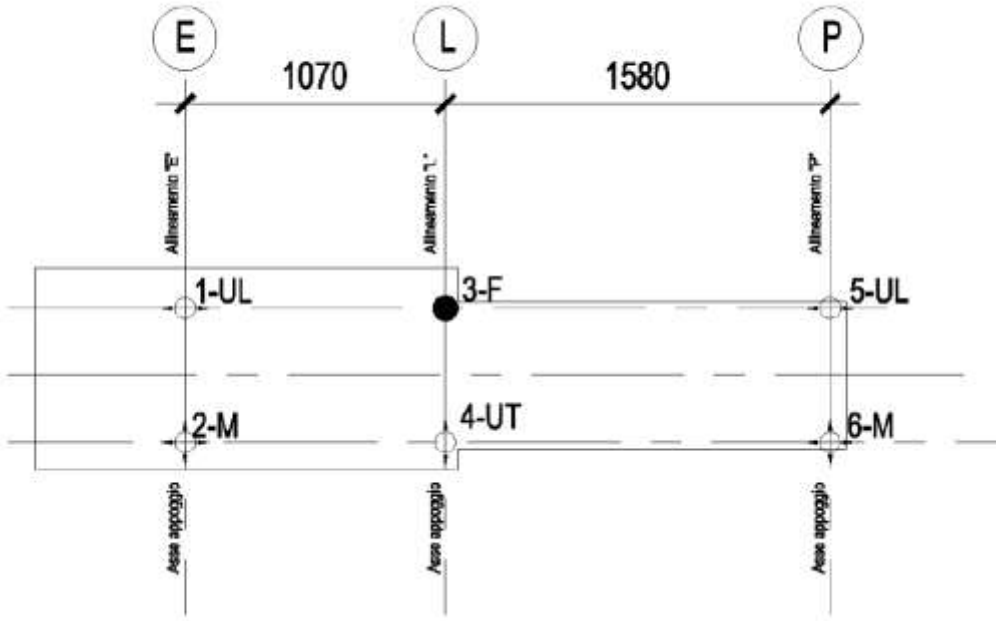
10.5.11 Appoggi e giunti

Si riportano a seguire le massime sollecitazioni sugli apparecchi d'appoggio e gli spostamenti massimi. Tutti i valori sono stati cautelativamente arrotondati per eccesso.

SCHEMA PLANIMETRICO DISPOSIZIONE APPARECCHI DI APPOGGIO



ID	TIPO	V (kN)	H (kN)	Dunid (mm)	Dmulti (mm)	Escursione (mm)
3-F	FISSO	1400	1950	-	-	-
5-UL	UNIDIR	650	650	+/- 20 mm	-	-
1-UL	UNIDIR	1600	950	+/- 25mm	-	-
4-UT	UNIDIR	1400	1750	+/- 5mm	-	-
2-M	MULTIDIR	1600	-	-	+/- 30mm	-
6-M	MULTIDIR	650	-	-	+/- 25 mm	-
GIUNTO	-	-	-	-	-	+/- 50 mm

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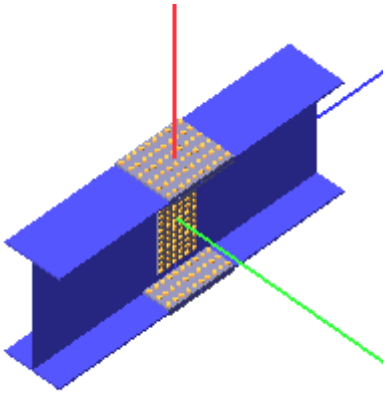
10.5.12 Verifica unioni

DETTAGLIO P01 - Giunto travi impalcato passerella

Materiale profili: Acciaio S355 Viti cl. 8.8 Dadi 8 o 10 Diametro 20 mm Materiale coprigiunti: Acciaio S355
Spessore coprigiunti: ala 20 mm, anima 15 mm



Coefficienti di sicurezza utilizzati

γ_{M0} = 1.05

γ_{M1} = 1.10

γ_{M2} = 1.25

Trave 3

Tipo di profilo: DoppioT 500x1000x15x20

Materiale: Acciaio S355 f_y = 355 N/mm^2 f_t = 510 N/mm^2 γ_{ov} = 1.25

Classe sezione: 2

Coprigiunti:

Materiale: Acciaio S355 f_y = 355 N/mm^2 f_t = 510 N/mm^2 γ_{ov} = 1.25

Coprigiunti ala [mm]: 500.0 x 588.0 x 20 (piastra esterna) + 242.50 x 588.0 x 20 (due piastre interne)

Coprigiunti anima [mm]: 768.0 x 348.0 x 15 (due piastre)

Bullonature:

Viti cl. 8.8 Dadi 8 o 10 (f_{yb} = 640 N/mm^2, f_{tb} = 800 N/mm^2)

Diametro gambo Ø = 20 mm A_{res} = 245.0 mm^2 (ridotta per filettatura)

Diametro dado/testa d_m = 30 mm

Diametro foro $Ø_0$ = 21 mm

Numero superfici di taglio: ala n_{sl} = 2, anima n_{sn} = 2

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):

$S_{j,ini}$ non calcolabile

Sollecitazioni:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
3610.177	136900.0	-3019.1	309200.0	1429000.0	-232000000.0	26147.0
CoRi N+	0.0	0.0	9277308.0	0.0	0.0	0.0
CoRi N-	0.0	0.0	-11630480.0	0.0	0.0	0.0
CoRi V2	2869431.0	0.0	0.0	0.0	0.0	0.0
CoRi V3	0.0	3903988.0	0.0	0.0	0.0	0.0

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CoRi M2	0.0	0.0	0.0	637976200.0	0.0	0.0
CoRi M3	0.0	0.0	0.0	0.0	3377891000.0	0.0

Calcolo resistenze

Bulloni Ala

Resistenza a taglio dei bulloni $F_{vb,Rd} = n_{sl} \cdot 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 188194.0 N

Bull.	$F_{bc,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bc,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	573142.9	194285.7	188194.0	411108.6	205554.3	188194.0
2	573142.9	194285.7	188194.0	750720.0	375360.0	188194.0
3	573142.9	194285.7	188194.0	580914.3	375360.0	188194.0
4	573142.9	194285.7	188194.0	580914.3	375360.0	188194.0
5	573142.9	194285.7	188194.0	750720.0	375360.0	188194.0
6	573142.9	194285.7	188194.0	411108.6	205554.3	188194.0
7	573142.9	286571.4	188194.0	411108.6	205554.3	188194.0
8	573142.9	286571.4	188194.0	750720.0	375360.0	188194.0
9	573142.9	286571.4	188194.0	580914.3	375360.0	188194.0
10	573142.9	286571.4	188194.0	580914.3	375360.0	188194.0
11	573142.9	286571.4	188194.0	750720.0	375360.0	188194.0
12	573142.9	286571.4	188194.0	411108.6	205554.3	188194.0
13	573142.9	286571.4	188194.0	411108.6	205554.3	188194.0
14	573142.9	286571.4	188194.0	750720.0	375360.0	188194.0
15	573142.9	286571.4	188194.0	580914.3	375360.0	188194.0
16	573142.9	286571.4	188194.0	580914.3	375360.0	188194.0
17	573142.9	286571.4	188194.0	750720.0	375360.0	188194.0
18	573142.9	286571.4	188194.0	411108.6	205554.3	188194.0
19	573142.9	286571.4	188194.0	411108.6	205554.3	188194.0
20	573142.9	286571.4	188194.0	750720.0	375360.0	188194.0
21	573142.9	286571.4	188194.0	580914.3	375360.0	188194.0
22	573142.9	286571.4	188194.0	580914.3	375360.0	188194.0
23	573142.9	286571.4	188194.0	750720.0	375360.0	188194.0
24	573142.9	286571.4	188194.0	411108.6	205554.3	188194.0
25	310857.2	408000.0	188194.0	268114.3	223428.6	188194.0
26	310857.2	408000.0	188194.0	489600.0	408000.0	188194.0
27	310857.2	408000.0	188194.0	378857.1	408000.0	188194.0
28	310857.2	408000.0	188194.0	378857.1	408000.0	188194.0
29	310857.2	408000.0	188194.0	489600.0	408000.0	188194.0
30	310857.2	408000.0	188194.0	268114.3	223428.6	188194.0

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Bulloni Anima

Resistenza a taglio dei bulloni $F_{vb,Rd} = n_{sn} \cdot 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 188194.0 N

Bull.	$F_{bc,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bc,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	257914.3	145714.3	145714.3	214491.4	281520.0	188194.0
2	395468.6	134057.1	134057.1	395468.6	197734.3	188194.0
3	395468.6	134057.1	134057.1	395468.6	197734.3	188194.0
4	395468.6	134057.1	134057.1	395468.6	197734.3	188194.0
5	395468.6	134057.1	134057.1	395468.6	197734.3	188194.0
6	395468.6	134057.1	134057.1	395468.6	197734.3	188194.0
7	395468.6	134057.1	134057.1	395468.6	197734.3	188194.0
8	395468.6	134057.1	134057.1	395468.6	197734.3	188194.0
9	395468.6	134057.1	134057.1	395468.6	197734.3	188194.0
10	395468.6	134057.1	134057.1	395468.6	197734.3	188194.0
11	395468.6	134057.1	134057.1	395468.6	197734.3	188194.0
12	395468.6	134057.1	134057.1	395468.6	197734.3	188194.0
13	257914.3	145714.3	145714.3	214491.4	281520.0	188194.0
14	257914.3	214928.6	188194.0	214491.4	281520.0	188194.0
15	395468.6	197734.3	188194.0	395468.6	197734.3	188194.0
16	395468.6	197734.3	188194.0	395468.6	197734.3	188194.0

17	395468.6	197734.3	188194.0	395468.6	197734.3	188194.0
18	395468.6	197734.3	188194.0	395468.6	197734.3	188194.0
19	395468.6	197734.3	188194.0	395468.6	197734.3	188194.0
20	395468.6	197734.3	188194.0	395468.6	197734.3	188194.0
21	395468.6	197734.3	188194.0	395468.6	197734.3	188194.0
22	395468.6	197734.3	188194.0	395468.6	197734.3	188194.0
23	395468.6	197734.3	188194.0	395468.6	197734.3	188194.0
24	395468.6	197734.3	188194.0	395468.6	197734.3	188194.0
25	395468.6	197734.3	188194.0	395468.6	197734.3	188194.0
26	257914.3	214928.6	188194.0	214491.4	281520.0	188194.0
27	139885.7	306000.0	139885.7	139885.7	306000.0	139885.7
28	214491.4	281520.0	188194.0	257914.3	214928.6	188194.0
29	214491.4	281520.0	188194.0	257914.3	214928.6	188194.0
30	214491.4	281520.0	188194.0	257914.3	214928.6	188194.0
31	214491.4	281520.0	188194.0	257914.3	214928.6	188194.0
32	214491.4	281520.0	188194.0	257914.3	214928.6	188194.0
33	214491.4	281520.0	188194.0	257914.3	214928.6	188194.0
34	214491.4	281520.0	188194.0	257914.3	214928.6	188194.0
35	214491.4	281520.0	188194.0	257914.3	214928.6	188194.0
36	214491.4	281520.0	188194.0	257914.3	214928.6	188194.0
37	214491.4	281520.0	188194.0	257914.3	214928.6	188194.0
38	214491.4	281520.0	188194.0	257914.3	214928.6	188194.0
39	139885.7	306000.0	139885.7	139885.7	306000.0	139885.7

Legenda

$F_{bc,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_c / \gamma_{M2}$ resistenza a rifollamento coprigiunto in direzione x

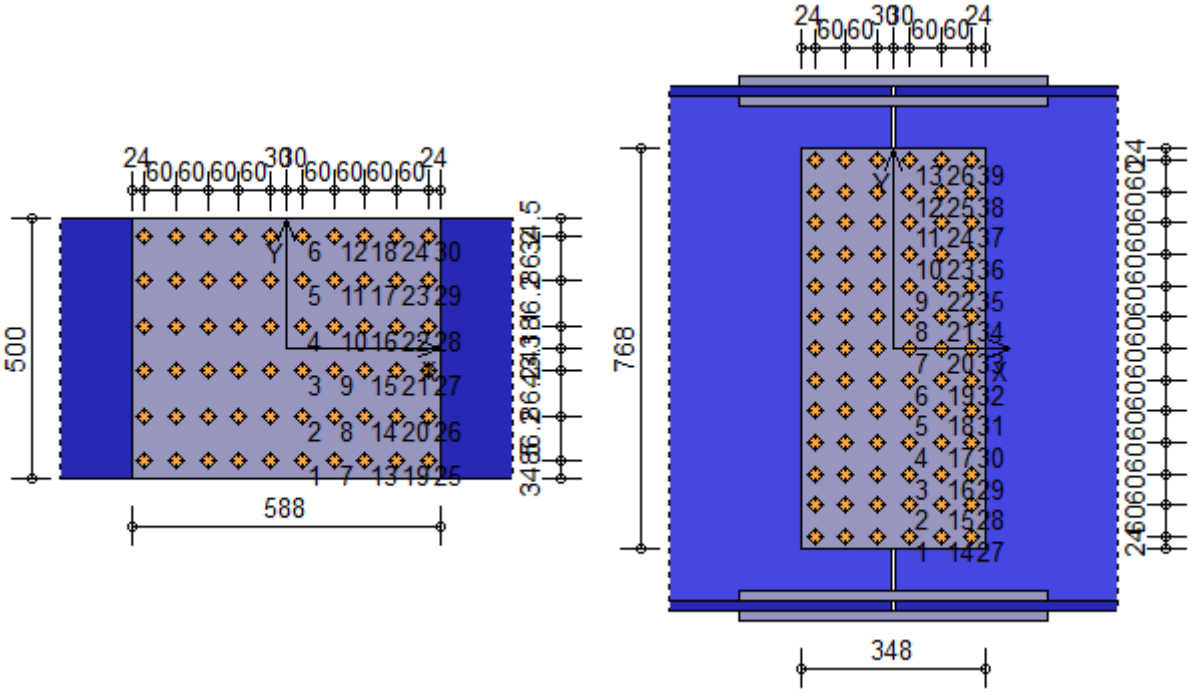
$F_{ba,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_a / \gamma_{M2}$ resistenza a rifollamento ala/anima elemento in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bc,x,Rd} , F_{ba,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bc,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_c / \gamma_{M2}$ resistenza a rifollamento coprigiunto in direzione y

$F_{ba,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_a / \gamma_{M2}$ resistenza a rifollamento ala/anima elemento in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bc,y,Rd} , F_{ba,y,Rd}]$ resistenza a taglio di progetto in direzione y



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Verifiche a taglio sui bulloni

Bulloni Ala (Completo ripristino N-)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	FV	VER
1	30.00	-215.50	112698.4	188194.0	0.598842	Ok
2	30.00	-129.30	112698.4	188194.0	0.598842	Ok
3	30.00	-43.10	112698.4	188194.0	0.598842	Ok
4	30.00	43.10	112698.4	188194.0	0.598842	Ok
5	30.00	129.30	112698.4	188194.0	0.598842	Ok
6	30.00	215.50	112698.4	188194.0	0.598842	Ok
7	90.00	-215.50	112698.4	188194.0	0.598842	Ok
8	90.00	-129.30	112698.4	188194.0	0.598842	Ok
9	90.00	-43.10	112698.4	188194.0	0.598842	Ok
10	90.00	43.10	112698.4	188194.0	0.598842	Ok
11	90.00	129.30	112698.4	188194.0	0.598842	Ok
12	90.00	215.50	112698.4	188194.0	0.598842	Ok
13	150.00	-215.50	112698.4	188194.0	0.598842	Ok
14	150.00	-129.30	112698.4	188194.0	0.598842	Ok
15	150.00	-43.10	112698.4	188194.0	0.598842	Ok
16	150.00	43.10	112698.4	188194.0	0.598842	Ok
17	150.00	129.30	112698.4	188194.0	0.598842	Ok
18	150.00	215.50	112698.4	188194.0	0.598842	Ok
19	210.00	-215.50	112698.4	188194.0	0.598842	Ok
20	210.00	-129.30	112698.4	188194.0	0.598842	Ok
21	210.00	-43.10	112698.4	188194.0	0.598842	Ok
22	210.00	43.10	112698.4	188194.0	0.598842	Ok
23	210.00	129.30	112698.4	188194.0	0.598842	Ok
24	210.00	215.50	112698.4	188194.0	0.598842	Ok
25	270.00	-215.50	112698.4	188194.0	0.598842	Ok
26	270.00	-129.30	112698.4	188194.0	0.598842	Ok
27	270.00	-43.10	112698.4	188194.0	0.598842	Ok
28	270.00	43.10	112698.4	188194.0	0.598842	Ok
29	270.00	129.30	112698.4	188194.0	0.598842	Ok
30	270.00	215.50	112698.4	188194.0	0.598842	Ok

Bulloni Anima (Completo ripristino N-)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	FV	VER
1	30.00	-360.00	124835.2	145714.3	0.856712	Ok
2	30.00	-300.00	124835.2	134057.1	0.931209	Ok
3	30.00	-240.00	124835.2	134057.1	0.931209	Ok
4	30.00	-180.00	124835.2	134057.1	0.931209	Ok
5	30.00	-120.00	124835.2	134057.1	0.931209	Ok
6	30.00	-60.00	124835.2	134057.1	0.931209	Ok
7	30.00	0.00	124835.2	134057.1	0.931209	Ok
8	30.00	60.00	124835.2	134057.1	0.931209	Ok
9	30.00	120.00	124835.2	134057.1	0.931209	Ok
10	30.00	180.00	124835.2	134057.1	0.931209	Ok
11	30.00	240.00	124835.2	134057.1	0.931209	Ok
12	30.00	300.00	124835.2	134057.1	0.931209	Ok
13	30.00	360.00	124835.2	145714.3	0.856712	Ok
14	90.00	-360.00	124835.2	188194.0	0.663333	Ok
15	90.00	-300.00	124835.2	188194.0	0.663333	Ok
16	90.00	-240.00	124835.2	188194.0	0.663333	Ok
17	90.00	-180.00	124835.2	188194.0	0.663333	Ok
18	90.00	-120.00	124835.2	188194.0	0.663333	Ok
19	90.00	-60.00	124835.2	188194.0	0.663333	Ok
20	90.00	0.00	124835.2	188194.0	0.663333	Ok
21	90.00	60.00	124835.2	188194.0	0.663333	Ok
22	90.00	120.00	124835.2	188194.0	0.663333	Ok

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23	90.00	180.00	124835.2	188194.0	0.663333	Ok
24	90.00	240.00	124835.2	188194.0	0.663333	Ok
25	90.00	300.00	124835.2	188194.0	0.663333	Ok
26	90.00	360.00	124835.2	188194.0	0.663333	Ok
27	150.00	-360.00	124835.2	139885.7	0.892408	Ok
28	150.00	-300.00	124835.2	188194.0	0.663333	Ok
29	150.00	-240.00	124835.2	188194.0	0.663333	Ok
30	150.00	-180.00	124835.2	188194.0	0.663333	Ok
31	150.00	-120.00	124835.2	188194.0	0.663333	Ok
32	150.00	-60.00	124835.2	188194.0	0.663333	Ok
33	150.00	0.00	124835.2	188194.0	0.663333	Ok
34	150.00	60.00	124835.2	188194.0	0.663333	Ok
35	150.00	120.00	124835.2	188194.0	0.663333	Ok
36	150.00	180.00	124835.2	188194.0	0.663333	Ok
37	150.00	240.00	124835.2	188194.0	0.663333	Ok
38	150.00	300.00	124835.2	188194.0	0.663333	Ok
39	150.00	360.00	124835.2	139885.7	0.892408	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone

$F_{v,Rd}$ resistenza a taglio di progetto del bullone

$FV = F_{v,Ed} / F_{v,Rd}$

VER $\rightarrow$ $FV \leq 1$

Verifica a trazione sezione forata (Nodo n. 3610, CMB n. 177)

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0} =$	11630480.0 N
Resistenza a rottura della sezione al netto dei fori	$N_{u,Rd} = 0,9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2} =$	9277308.0 N
Resistenza di calcolo a trazione	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}] =$	9277308.0 N
Azione assiale di calcolo	$N_{Ed} =$	309200.0 N

$N_{Ed} / N_{t,Rd} = 0.033329$ Ok

Controllo influenza fori sul momento resistente

Resistenza a rottura della piattabanda al netto dei fori	$N_{u,Rd} = 0.9 \cdot A_{f,net} \cdot f_{tk} / \gamma_{M2} =$	2746656.0 N
Resistenza plastica della piattabanda lorda	$N_{pl,Rd} = A_f \cdot f_{yk} / \gamma_{M0} =$	3380953.0 N

$N_{u,Rd} \geq N_{pl,Rd}$ $\rightarrow$ 2746656.0 < 3380953.0

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E' necessario considerare la presenza dei fori nel calcolo del momento resistente dell'elemento.
Per effettuare la verifica a flessione della sezione forata è necessario eseguire la seguente procedura: nel modello della struttura da cui è stato generato il nodo, selezionare *Dati struttura* $\rightarrow$ *Sezioni*, individuare nell'archivio la sezione corrispondente al profilo utilizzato, selezionare la scheda *Progetto acciaio*, assegnare le proprietà di massa riportate di seguito e riprogettare la struttura.

• Profilo DoppioT 500x1000x15x20 $A_{eff.}$ = 252.65 cm^2 Jr_{2-2} = 30744.72 cm^4 Jr_{3-3} = 449177.70 cm^4

Verifica dei coprigiunti d'ala

Resistenze

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0} =$	6660477.0 N
Resistenza a rottura della sezione al netto dei fori	$N_{u,Rd} = 0.9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2} =$	5383152.0 N
Resistenza di calcolo a trazione	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}] =$	5383152.0 N
Resistenza di calcolo a compressione	$N_{c,Rd} = N_{pl,Rd} =$	6660477.0 N
Resistenza di calcolo a taglio	$V_{c,Rd} = A_v \cdot f_{yk} / (3^{½} \cdot \gamma_{M0}) =$	3845428.0 N
Resistenza di calcolo a flessione retta	$M_{c,Rd} = W_{pl} \cdot f_{yk} / \gamma_{M0} =$	844857800.0 N mm

Verifica per sforzo normale (Completo ripristino M3)

Azione assiale di calcolo	$N_{Ed} =$	2801679.0 N

$N_{Ed} / N_{t,Rd} = 0.520453$ Ok

Verifica per taglio (Completo ripristino V3)

Azione tagliante di calcolo V_{Ed} = 1951994.0 N

$V_{Ed} / V_{c,Rd}$ = 0.507614 Ok

Verifica per momento (Completo ripristino M2)

Riduzione per effetto dello sforzo normale: N_{Ed} = 0.0 N

$M_{N,Rd} = M_{c,Rd} \bullet \min [1 , (1 - N_{Ed} / N_{pl,Rd}) / 0.75]$ = 844857800.0 N mm

Riduzione per effetto del taglio: V_{Ed} = 0.0 N

$V_{Ed} < 0.5 \bullet V_{c,Rd} \rightarrow \rho = 0$

Momento flettente di calcolo M_{Ed} = 318988100.0 N mm

$M_{Ed} / [M_{N,Rd} \bullet (1-\rho)]$ = 0.377564 Ok

Verifica dei coprigiunti d'anima

Resistenze

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \bullet f_{yk} / \gamma_{M0}$ =	7789715.0 N
Resistenza a rottura della sezione al netto dei fori	$N_{u,Rd} = 0.9 \bullet A_{net} \bullet f_{tk} / \gamma_{M2}$ =	5452920.0 N
Resistenza di calcolo a trazione	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}]$ =	5452920.0 N
Resistenza di calcolo a compressione	$N_{c,Rd} = N_{pl,Rd}$ =	7789715.0 N
Resistenza di calcolo a taglio	$V_{c,Rd} = A_v \bullet f_{yk} / (3^{½} \bullet \gamma_{M0})$ =	4497394.0 N
Resistenza di calcolo a flessione retta	$M_{c,Rd} = W_{pl} \bullet f_{yk} / \gamma_{M0}$ =	1495625000.0 N mm

Verifica per sforzo normale (Completo ripristino N+)

Azione assiale di calcolo N_{Ed} = 3883525.0 N

$N_{Ed} / N_{t,Rd}$ = 0.712192 Ok

Verifica per taglio (Completo ripristino V2)

Azione tagliante di calcolo V_{Ed} = 2869431.0 N

$V_{Ed} / V_{c,Rd}$ = 0.638021 Ok

Verifica per momento (Completo ripristino M3)

Riduzione per effetto dello sforzo normale: N_{Ed} = 0.0 N

$M_{N,Rd} = M_{c,Rd} \bullet \min [1 , (1 - N_{Ed} / N_{pl,Rd}) / 0.75]$ = 1495625000.0 N mm

Riduzione per effetto del taglio: V_{Ed} = 0.0 N

$V_{Ed} < 0.5 \bullet V_{c,Rd} \rightarrow \rho = 0$

Momento flettente di calcolo M_{Ed} = 632245700.0 N mm

$M_{Ed} / [M_{N,Rd} \bullet (1-\rho)]$ = 0.422730 Ok

Verifica del momento di progetto del giunto (Completo ripristino M3)

Momento resistente del giunto $M_{j,Rd}$ = 5279896000.0 N mm

Momento di progetto $M_{j,Ed}$ = 3377891000.0 N mm

$M_{j,Ed} / M_{j,Rd}$ = 0.639765 Ok

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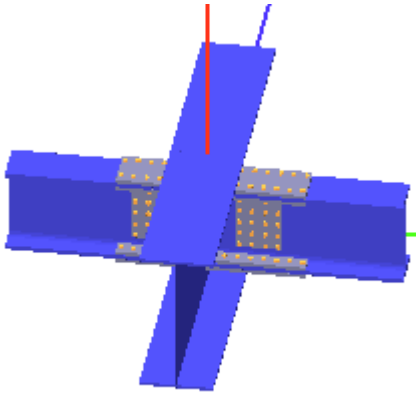
DETTAGLIO P02 - Collegamento trave principale-trave secondaria HEB 600-colonna telaio HEB260

Materiale profili: Acciaio S355 Viti cl. 8.8 Dadi 8 o 10 Diametro 20 mm Materiale coprigiunti/piatti: Acciaio S355



Trave 3

Tipo di profilo: DoppioT 500x1000x1.5x20

Materiale: Acciaio S235 f_y = 235 N/mm^2 f_t = 360 N/mm^2 γ_{ov} = 1.25

Classe sezione: 4

Coefficienti di sicurezza utilizzati

γ_{M0} = 1.05

γ_{M1} = 1.10

γ_{M2} = 1.25

Trave lato 2+

Tipo di profilo: HEB 600

Materiale: Acciaio S355 f_y = 355 N/mm^2 f_t = 510 N/mm^2 γ_{ov} = 1.25

Classe sezione: 1

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Coprigiunti:

Materiale: Acciaio S355 f_y = 355 N/mm^2 f_t = 510 N/mm^2 γ_{ov} = 1.25

Coprigiunti ala [mm]: 300.0 x 667.8 x 25 (piastra esterna) + 115.25 x 667.8 x 25 (due piastre interne)

Coprigiunti anima [mm]: 403.2 x 315.0 x 15 (due piastre)

Bullonature:

Viti cl. 8.8 Dadi 8 o 10 (f_{yb} = 640 N/mm^2, f_{tb} = 800 N/mm^2)

Diametro gambo Ø = 20 mm A_{res} = 245.0 mm^2 (ridotta per filettatura)

Diametro dado/testa d_m = 30 mm

Diametro foro $Ø_0$ = 21 mm

Numero superfici di taglio: ala n_{sl} = 2, anima n_{sn} = 2

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):

$S_{j,ini}$ non calcolabile

Sollecitazioni nella sezione d'attacco dell'elemento:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
4092.364	350200.0	-51504.1	-1375000.0	24160000.0	-409017500.0	7130.0
4092.365	-198700.0	50134.0	1115000.0	-23020000.0	386404700.0	-14307.0
4092.367	351400.0	-44198.4	-1369000.0	20700000.0	-402097900.0	14083.0

Calcolo resistenze

Bulloni Ala

Resistenza a taglio dei bulloni $F_{vb,Rd} = n_{sl} \cdot 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 188194.0 N

Bull.	$F_{bc,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bc,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	1020000.0	428400.0	188194.0	883190.5	529914.3	188194.0
2	1020000.0	428400.0	188194.0	883190.5	529914.3	188194.0
3	1020000.0	612000.0	188194.0	883190.5	529914.3	188194.0
4	1020000.0	612000.0	188194.0	883190.5	529914.3	188194.0
5	1020000.0	612000.0	188194.0	883190.5	529914.3	188194.0
6	1020000.0	612000.0	188194.0	883190.5	529914.3	188194.0
7	408000.2	612000.0	188194.0	586439.1	529914.3	188194.0
8	408000.2	612000.0	188194.0	586439.1	529914.3	188194.0

Bulloni Anima

Resistenza a taglio dei bulloni $F_{vb,Rd} = n_{sn} \cdot 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 188194.0 N

Bull.	$F_{bc,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bc,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	406367.9	221340.0	188194.0	244800.0	316200.0	188194.0
2	612000.0	221340.0	188194.0	612000.0	316200.0	188194.0
3	612000.0	221340.0	188194.0	612000.0	316200.0	188194.0
4	612000.0	221340.0	188194.0	612000.0	316200.0	188194.0
5	406367.9	221340.0	188194.0	244800.0	316200.0	188194.0
6	162547.1	316200.0	162547.1	162547.1	316200.0	162547.1
7	244800.0	316200.0	188194.0	406367.9	316200.0	188194.0
8	244800.0	316200.0	188194.0	406367.9	316200.0	188194.0
9	244800.0	316200.0	188194.0	406367.9	316200.0	188194.0
10	162547.1	316200.0	162547.1	162547.1	316200.0	162547.1

Legenda

$F_{bc,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_c / \gamma_{M2}$ resistenza a rifollamento coprigiunto in direzione x

$F_{ba,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_a / \gamma_{M2}$ resistenza a rifollamento ala/anima elemento in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bc,x,Rd} , F_{ba,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bc,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_c / \gamma_{M2}$ resistenza a rifollamento coprigiunto in direzione y

$F_{ba,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_a / \gamma_{M2}$ resistenza a rifollamento ala/anima elemento in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bc,y,Rd} , F_{ba,y,Rd}]$ resistenza a taglio di progetto in direzione y

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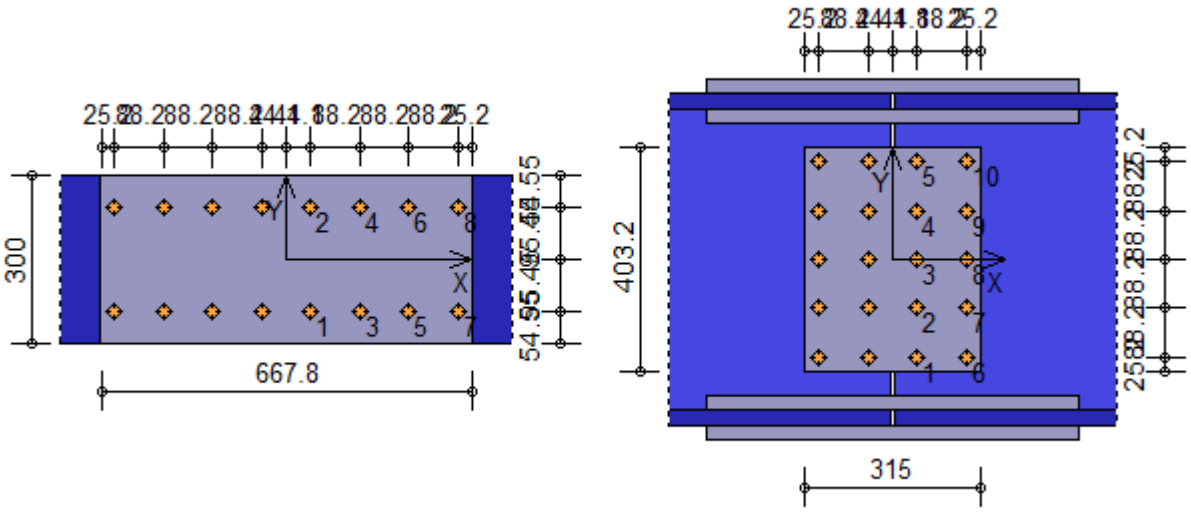

Verifiche a taglio sui bulloni

Bulloni Ala (Nodo n. 4092, CMB n. 364)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	FV	VER

1	44.10	-95.45	149667.1	188194.0	0.795281	Ok
2	44.10	95.45	128678.0	188194.0	0.683752	Ok
3	132.30	-95.45	149243.2	188194.0	0.793029	Ok
4	132.30	95.45	128184.8	188194.0	0.681131	Ok
5	220.50	-95.45	149452.9	188194.0	0.794143	Ok
6	220.50	95.45	128428.9	188194.0	0.682428	Ok
7	308.70	-95.45	150293.6	188194.0	0.798610	Ok
8	308.70	95.45	129406.2	188194.0	0.687622	Ok

Bulloni Anima (Nodo n. 4092, CMB n. 364)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	FV	VER
1	44.10	-176.40	72366.3	188194.0	0.384530	Ok
2	44.10	-88.20	59517.9	188194.0	0.316258	Ok
3	44.10	0.00	47446.7	188194.0	0.252116	Ok
4	44.10	88.20	36923.1	188194.0	0.196197	Ok
5	44.10	176.40	29643.6	188194.0	0.157516	Ok
6	132.30	-176.40	78939.7	162547.1	0.485642	Ok
7	132.30	-88.20	67357.2	188194.0	0.357913	Ok
8	132.30	0.00	56971.9	188194.0	0.302730	Ok
9	132.30	88.20	48558.4	188194.0	0.258023	Ok
10	132.30	176.40	43282.2	162547.1	0.266275	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone
$F_{v,Rd}$ resistenza a taglio di progetto del bullone
$FV = F_{v,Ed} / F_{v,Rd}$
VER $\rightarrow$ $FV \leq 1$

Verifica a trazione sezione forata (Nodo n. 4092, CMB n. 365)

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0} =$	9128572.0 N
Resistenza a rottura della sezione al netto dei fori	$N_{u,Rd} = 0,9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2} =$	8391438.0 N
Resistenza di calcolo a trazione	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}] =$	8391438.0 N
Azione assiale di calcolo	$N_{Ed} =$	1115000.0 N

$N_{Ed} / N_{t,Rd} = 0.132874$ Ok

Controllo influenza fori sul momento resistente

Resistenza a rottura della piattabanda al netto dei fori	$N_{u,Rd} = 0.9 \cdot A_{f,net} \cdot f_{tk} / \gamma_{M2} =$	2842128.0 N
Resistenza plastica della piattabanda lorda	$N_{pl,Rd} = A_f \cdot f_{yk} / \gamma_{M0} =$	3042857.0 N

$N_{u,Rd} \geq N_{pl,Rd}$ $\rightarrow$ 2842128.0 < 3042857.0

E' necessario considerare la presenza dei fori nel calcolo del momento resistente dell'elemento.
Per effettuare la verifica a flessione della sezione forata è necessario eseguire la seguente procedura: nel modello della struttura da cui è stato generato il nodo, selezionare *Dati struttura* $\rightarrow$ *Sezioni*, individuare nell'archivio la sezione corrispondente al profilo utilizzato, selezionare la scheda *Progetto acciaio*, assegnare le proprietà di massa riportate di seguito e riprogettare la struttura.

• Profilo HEB 600 $A_{eff.} = 228.53$ cm^2 $Jr_{2-2} = 11221.58$ cm^4 $Jr_{3-3} = 148015.30$ cm^4

Verifica dei coprigiunti d'ala

Resistenze

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0} =$	4483989.0 N
Resistenza a rottura della sezione al netto dei fori	$N_{u,Rd} = 0.9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2} =$	4098870.0 N
Resistenza di calcolo a trazione	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}] =$	4098870.0 N
Resistenza di calcolo a compressione	$N_{c,Rd} = N_{pl,Rd} =$	4483989.0 N
Resistenza di calcolo a taglio	$V_{c,Rd} = A_v \cdot f_{yk} / (3^{½} \cdot \gamma_{M0}) =$	2588832.0 N
Resistenza di calcolo a flessione retta	$M_{c,Rd} = W_{pl} \cdot f_{yk} / \gamma_{M0} =$	370150400.0 N mm

Verifica per sforzo normale (Nodo n. 4092, CMB n. 364)

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Azione assiale di calcolo N_{Ed} = -1109633.0 N
$N_{Ed} / N_{c,Rd}$ = 0.247466 Ok

Verifica per taglio (Nodo n. 4092, CMB n. 364)
Azione tagliante di calcolo V_{Ed} = -25752.1 N
$V_{Ed} / V_{c,Rd}$ = 0.009947 Ok

Verifica per momento (Nodo n. 4092, CMB n. 364)
Riduzione per effetto dello sforzo normale: N_{Ed} = 1109633.0 N
$M_{N,Rd} = M_{c,Rd} \bullet \min [1 , (1 - N_{Ed} / N_{pl,Rd}) / 0.75]$ = 370150400.0 N mm
Riduzione per effetto del taglio: V_{Ed} = -25752.1 N
$V_{Ed} < 0.5 \bullet V_{c,Rd} \rightarrow \rho = 0$
Momento flettente di calcolo M_{Ed} = 12080000.0 N mm
$M_{Ed} / [M_{N,Rd} \bullet (1-\rho)]$ = 0.032635 Ok

Verifica dei coprigiunti d'anima

Resistenze

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \bullet f_{yk} / \gamma_{M0}$ =	4089600.0 N
Resistenza a rottura della sezione al netto dei fori	$N_{u,Rd} = 0.9 \bullet A_{net} \bullet f_{tk} / \gamma_{M2}$ =	3284971.0 N
Resistenza di calcolo a trazione	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}]$ =	3284971.0 N
Resistenza di calcolo a compressione	$N_{c,Rd} = N_{pl,Rd}$ =	4089600.0 N
Resistenza di calcolo a taglio	$V_{c,Rd} = A_v \bullet f_{yk} / (3^{½} \bullet \gamma_{M0})$ =	2361132.0 N
Resistenza di calcolo a flessione retta	$M_{c,Rd} = W_{pl} \bullet f_{yk} / \gamma_{M0}$ =	412231600.0 N mm

Verifica per sforzo normale (Nodo n. 4092, CMB n. 365)
Azione assiale di calcolo N_{Ed} = 311085.0 N
$N_{Ed} / N_{t,Rd}$ = 0.094699 Ok

Verifica per taglio (Nodo n. 4092, CMB n. 367)
Azione tagliante di calcolo V_{Ed} = 351400.0 N
$V_{Ed} / V_{c,Rd}$ = 0.148827 Ok

Verifica per momento (Nodo n. 4092, CMB n. 364)
Riduzione per effetto dello sforzo normale: N_{Ed} = -383625.0 N
$M_{N,Rd} = M_{c,Rd} \bullet \min [1 , (1 - N_{Ed} / N_{pl,Rd}) / 0.75]$ = 412231600.0 N mm
Riduzione per effetto del taglio: V_{Ed} = 350200.0 N
$V_{Ed} < 0.5 \bullet V_{c,Rd} \rightarrow \rho = 0$
Momento flettente di calcolo M_{Ed} = -59068540.0 N mm
$M_{Ed} / [M_{N,Rd} \bullet (1-\rho)]$ = 0.143290 Ok

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Verifica del momento di progetto del giunto (Nodo n. 4092, CMB n. 364)
Momento resistente del giunto $M_{j,Rd}$ = 858164500.0 N mm
Momento di progetto $M_{j,Ed}$ = 409017500.0 N mm
$M_{j,Ed} / M_{j,Rd}$ = 0.476619 Ok

Trave lato 2-

Tipo di profilo: HEB 600
Materiale: Acciaio S355 f_y = 355 N/mm² f_t = 510 N/mm² γ_{ov} = 1.25
Classe sezione: 1

Coprigiunti:

Materiale: Acciaio S355 f_y = 355 N/mm² f_t = 510 N/mm² γ_{ov} = 1.25
Coprigiunti ala [mm]: 300.0 x 491.4 x 25 (piastra esterna) + 115.25 x 491.4 x 25 (due piastre interne)
Coprigiunti anima [mm]: 403.2 x 315.0 x 15 (due piastre)

Bullonature:
Viti cl. 8.8 Dadi 8 o 10 (f_{yb} = 640 N/mm², f_{tb} = 800 N/mm²)

Diametro gambo Ø = 20 mm A_{res} = 245.0 mm² (ridotta per filettatura)
Diametro dado/testa d_m = 30 mm
Diametro foro $Ø_0$ = 21 mm
Numero superfici di taglio: ala n_{sl} = 2, anima n_{sn} = 2

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):
$S_{j,ini}$ non calcolabile

Sollecitazioni nella sezione d'attacco dell'elemento:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
4092.367	23789.8	1288.0	39754.7	-1318000.0	-4439518.0	9363.0
4092.375	347626.7	11569.7	21821.5	-11980000.0	391582500.0	-1684000.0
4092.376	83076.8	-11996.7	8016.6	12420000.0	7026110.0	2099000.0

Calcolo resistenze

Bulloni Ala

Resistenza a taglio dei bulloni $F_{vb,Rd} = n_{sl} \cdot 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2}$ = 188194.0 N

Bull.	$F_{bc,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bc,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	1020000.0	428400.0	188194.0	883190.5	529914.3	188194.0
2	1020000.0	428400.0	188194.0	883190.5	529914.3	188194.0
3	1020000.0	612000.0	188194.0	883190.5	529914.3	188194.0
4	1020000.0	612000.0	188194.0	883190.5	529914.3	188194.0
5	407999.9	612000.0	188194.0	586438.4	529914.3	188194.0
6	407999.9	612000.0	188194.0	586438.4	529914.3	188194.0

Bulloni Anima

Resistenza a taglio dei bulloni $F_{vb,Rd} = n_{sn} \cdot 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2}$ = 188194.0 N

Bull.	$F_{bc,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bc,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	406367.9	221340.0	188194.0	244800.0	316200.0	188194.0
2	612000.0	221340.0	188194.0	612000.0	316200.0	188194.0
3	612000.0	221340.0	188194.0	612000.0	316200.0	188194.0
4	612000.0	221340.0	188194.0	612000.0	316200.0	188194.0
5	406367.9	221340.0	188194.0	244800.0	316200.0	188194.0
6	162547.1	316200.0	162547.1	162547.1	316200.0	162547.1
7	244800.0	316200.0	188194.0	406367.9	316200.0	188194.0
8	244800.0	316200.0	188194.0	406367.9	316200.0	188194.0
9	244800.0	316200.0	188194.0	406367.9	316200.0	188194.0
10	162547.1	316200.0	162547.1	162547.1	316200.0	162547.1

Legenda

$F_{bc,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_c / \gamma_{M2}$ resistenza a rifollamento coprigiunto in direzione x

$F_{ba,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_a / \gamma_{M2}$ resistenza a rifollamento ala/anima elemento in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bc,x,Rd} , F_{ba,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bc,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_c / \gamma_{M2}$ resistenza a rifollamento coprigiunto in direzione y

$F_{ba,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_a / \gamma_{M2}$ resistenza a rifollamento ala/anima elemento in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bc,y,Rd} , F_{ba,y,Rd}]$ resistenza a taglio di progetto in direzione y

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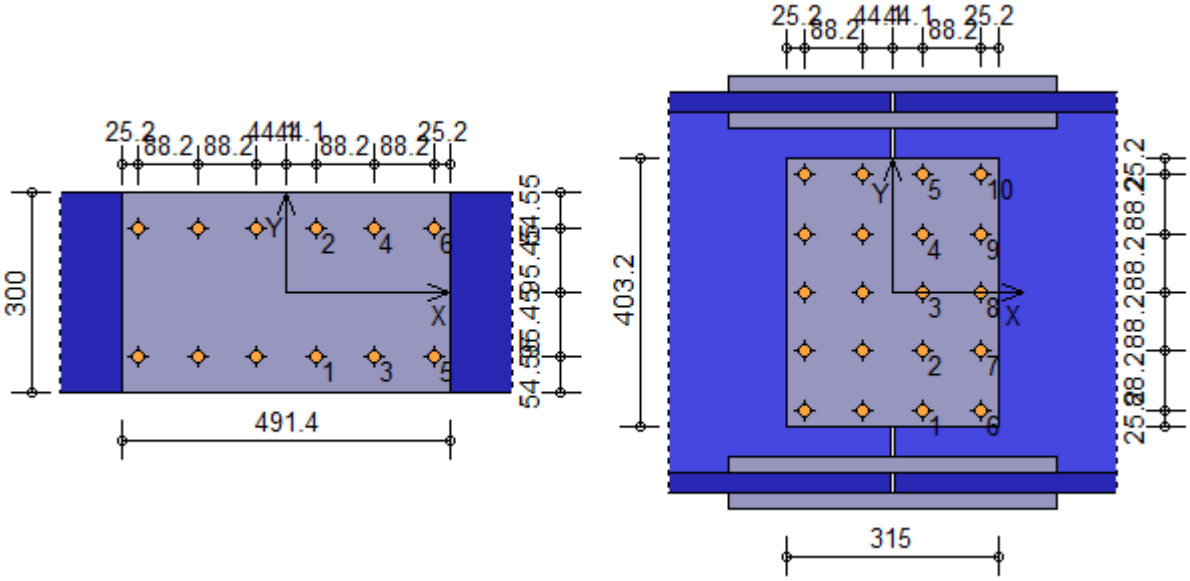

Verifiche a taglio sui bulloni

Bulloni Ala (Nodo n. 4092, CMB n. 375)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	FV	VER
1	44.10	-95.45	106957.8	188194.0	0.568338	Ok
2	44.10	95.45	91951.6	188194.0	0.488600	Ok
3	132.30	-95.45	106794.7	188194.0	0.567472	Ok
4	132.30	95.45	91761.9	188194.0	0.487592	Ok
5	220.50	-95.45	107082.9	188194.0	0.569003	Ok
6	220.50	95.45	92097.2	188194.0	0.489374	Ok

Bulloni Anima (Nodo n. 4092, CMB n. 375)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	FV	VER
1	44.10	-176.40	49167.6	188194.0	0.261260	Ok
2	44.10	-88.20	43485.3	188194.0	0.231066	Ok
3	44.10	0.00	41290.2	188194.0	0.219402	Ok
4	44.10	88.20	43118.4	188194.0	0.229117	Ok
5	44.10	176.40	48517.1	188194.0	0.257804	Ok
6	132.30	-176.40	38864.1	162547.1	0.239095	Ok
7	132.30	-88.20	31367.7	188194.0	0.166678	Ok
8	132.30	0.00	28246.2	188194.0	0.150091	Ok
9	132.30	88.20	30857.1	188194.0	0.163965	Ok
10	132.30	176.40	38037.9	162547.1	0.234011	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone
$F_{v,Rd}$ resistenza a taglio di progetto del bullone
$FV = F_{v,Ed} / F_{v,Rd}$
VER $\rightarrow$ $FV \leq 1$

Verifica a trazione sezione forata (Nodo n. 4092, CMB n. 367)

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0} =$	9128572.0 N
Resistenza a rottura della sezione al netto dei fori	$N_{u,Rd} = 0,9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2} =$	8391438.0 N
Resistenza di calcolo a trazione	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}] =$	8391438.0 N
Azione assiale di calcolo	$N_{Ed} =$	39754.7 N

$N_{Ed} / N_{t,Rd} = 0.004738$ Ok

Controllo influenza fori sul momento resistente

Resistenza a rottura della piattabanda al netto dei fori	$N_{u,Rd} = 0.9 \cdot A_{f,net} \cdot f_{tk} / \gamma_{M2} =$	2842128.0 N

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Resistenza plastica della piattabanda lorda $N_{pl,Rd} = A_f \cdot f_{yk} / \gamma_{M0} =$ 3042857.0 N

$N_{u,Rd} \geq N_{pl,Rd}$ → 2842128.0 < 3042857.0

E' necessario considerare la presenza dei fori nel calcolo del momento resistente dell'elemento.
Per effettuare la verifica a flessione della sezione forata è necessario eseguire la seguente procedura: nel modello della struttura da cui è stato generato il nodo, selezionare *Dati struttura → Sezioni*, individuare nell'archivio la sezione corrispondente al profilo utilizzato, selezionare la scheda *Progetto acciaio*, assegnare le proprietà di massa riportate di seguito e riprogettare la struttura.
• Profilo HEB 600 $A_{eff.}$ = 228.53 cm² Jr_{2-2} = 11221.58 cm⁴ Jr_{3-3} = 148015.30 cm⁴

Verifica dei coprigiunti d'ala

Resistenze

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0} =$	4483989.0 N
Resistenza a rottura della sezione al netto dei fori	$N_{u,Rd} = 0.9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2} =$	4098870.0 N
Resistenza di calcolo a trazione	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}] =$	4098870.0 N
Resistenza di calcolo a compressione	$N_{c,Rd} = N_{pl,Rd} =$	4483989.0 N
Resistenza di calcolo a taglio	$V_{c,Rd} = A_v \cdot f_{yk} / (3^{½} \cdot \gamma_{M0}) =$	2588832.0 N
Resistenza di calcolo a flessione retta	$M_{c,Rd} = W_{pl} \cdot f_{yk} / \gamma_{M0} =$	370150400.0 N mm

Verifica per sforzo normale (Nodo n. 4092, CMB n. 375)

Azione assiale di calcolo $N_{Ed} =$ 595641.8 N

$N_{Ed} / N_{t,Rd} = 0.145319$ Ok

Verifica per taglio (Nodo n. 4092, CMB n. 376)

Azione tagliante di calcolo $V_{Ed} =$ -5998.4 N

$V_{Ed} / V_{c,Rd} = 0.002317$ Ok

Verifica per momento (Nodo n. 4092, CMB n. 376)

Riduzione per effetto dello sforzo normale: $N_{Ed} = 13436.4$ N

$M_{N,Rd} = M_{c,Rd} \cdot \min [1 , (1 - N_{Ed} / N_{pl,Rd}) / 0.75] = 370150400.0$ N mm

Riduzione per effetto del taglio: $V_{Ed} = -5998.4$ N

$V_{Ed} < 0.5 \cdot V_{c,Rd}$ → $\rho = 0$

Momento flettente di calcolo $M_{Ed} =$ 6210000.0 N mm

$M_{Ed} / [M_{N,Rd} \cdot (1-\rho)] = 0.016777$ Ok

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Verifica dei coprigiunti d'anima

Resistenze

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0} =$	4089600.0 N
Resistenza a rottura della sezione al netto dei fori	$N_{u,Rd} = 0.9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2} =$	3284971.0 N
Resistenza di calcolo a trazione	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}] =$	3284971.0 N
Resistenza di calcolo a compressione	$N_{c,Rd} = N_{pl,Rd} =$	4089600.0 N
Resistenza di calcolo a taglio	$V_{c,Rd} = A_v \cdot f_{yk} / (3^{½} \cdot \gamma_{M0}) =$	2361132.0 N
Resistenza di calcolo a flessione retta	$M_{c,Rd} = W_{pl} \cdot f_{yk} / \gamma_{M0} =$	412231600.0 N mm

Verifica per sforzo normale (Nodo n. 4092, CMB n. 367)

Azione assiale di calcolo $N_{Ed} =$ 11091.6 N

$N_{Ed} / N_{t,Rd} = 0.003376$ Ok

Verifica per taglio (Nodo n. 4092, CMB n. 375)

Azione tagliante di calcolo $V_{Ed} =$ 347626.7 N

$V_{Ed} / V_{c,Rd} = 0.147229$ Ok

Verifica per momento (Nodo n. 4092, CMB n. 375)

Riduzione per effetto dello sforzo normale: $N_{Ed} = 6088.2$ N

$M_{N,Rd} = M_{c,Rd} \cdot \min [1 , (1 - N_{Ed} / N_{pl,Rd}) / 0.75] = 412231600.0$ N mm

Riduzione per effetto del taglio: $V_{Ed} = 347626.7$ N

$V_{Ed} < 0.5 \cdot V_{c,Rd}$ → $\rho = 0$

Momento flettente di calcolo $M_{Ed} =$ 56550640.0 N mm

M_{Ed} / [$M_{N,Rd}$ • (1-ρ)] = 0.137182 Ok

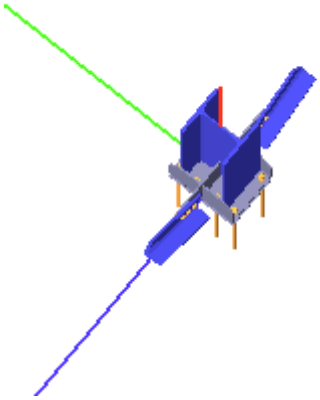
Verifica del momento di progetto del giunto (Nodo n. 4092, CMB n. 375)

Momento resistente del giunto $M_{j,Rd}$ = 643623400.0 N mm

Momento di progetto $M_{j,Ed}$ = 391582500.0 N mm

$M_{j,Ed}$ / $M_{j,Rd}$ = 0.608403 Ok

COLONNA HEB 260 SU TRAVE HEB600 E CONTROVENTI



Coefficienti di sicurezza utilizzati

γ_{M0} = 1.05

γ_{M1} = 1.10

γ_{M2} = 1.25

Colonna

Tipo di profilo: HEB 260

Materiale: Acciaio S355 f_y = 355 N/mm² f_t = 510 N/mm² γ_{ov} = 1.25

Classe sezione: 1

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Flangia:

Materiale: Acciaio S355 f_y = 355 N/mm² f_t = 510 N/mm² γ_{ov} = 1.25

Dimensioni (B x H x Sp): 280.0 x 370.4 x 25.0 mm

Spessore nervature verticali: 10.0 mm

Spessore nervature orizzontali: 10.0 mm

Bullonature:

Viti cl. 8.8 Dadi 8 o 10 (f_{yb} = 640 N/mm², f_{tb} = 800 N/mm²)

Diametro gambo Ø = 20 mm A_{res} = 245.0 mm² (ridotta per filettatura)

Diametro dado/testa d_m = 30 mm

Diametro foro $Ø_0$ = 21 mm

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):

$S_{j,ini}$ non calcolabile

Saldature:

Materiale: Acciaio S355 f_y = 355 N/mm² f_t = 510 N/mm² β_1 = 0.70 β_2 = 0.85

Spessore cordoni d'angolo s_c = 9 mm

Sollecitazioni:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]

3923.355	39679.5	-29225.0	-37806.1	19740000.0	-103400000.0	18860.0
3923.360	39662.8	-106112.8	-18978.6	2755000.0	-103400000.0	18547.0

Calcolo resistenze

Resistenza a trazione dei bulloni $F_{tb,Rd} = 0.9 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 141145.5 N

Resistenza a punzonamento flangia $B_{pf,Rd} = 0.6 \cdot \pi \cdot d_m \cdot t_f \cdot f_{tk} / \gamma_{M2} =$ 576796.4 N

Bull.	$F_{f,Rd}$ [N]	$F_{t,Rd}$ [N]
1	220466.3	141145.5
2	175880.1	141145.5
3	175880.1	141145.5
4	220466.3	141145.5
5	220466.3	141145.5
6	175880.1	141145.5
7	175880.1	141145.5
8	220466.3	141145.5

Legenda

$F_{f,Rd} = M_{res,m} / (B_m \cdot R_m)$ resistenza a flessione flangia

$F_{t,Rd} = \min [F_{tb,Rd} , B_{pf,Rd} , F_{f,Rd}]$ resistenza a trazione di progetto

Resistenza a taglio dei bulloni $F_{vb,Rd} = 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 94097.0 N

Bull.	$F_{bf,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bf,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	215009.5	94097.0	204000.0	94097.0
2	323809.5	94097.0	510000.0	94097.0
3	323809.5	94097.0	510000.0	94097.0
4	215009.5	94097.0	204000.0	94097.0
5	215009.5	94097.0	204000.0	94097.0
6	323809.5	94097.0	510000.0	94097.0
7	323809.5	94097.0	510000.0	94097.0
8	215009.5	94097.0	204000.0	94097.0

Legenda

$F_{bf,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bf,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bf,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bf,y,Rd}]$ resistenza a taglio di progetto in direzione y

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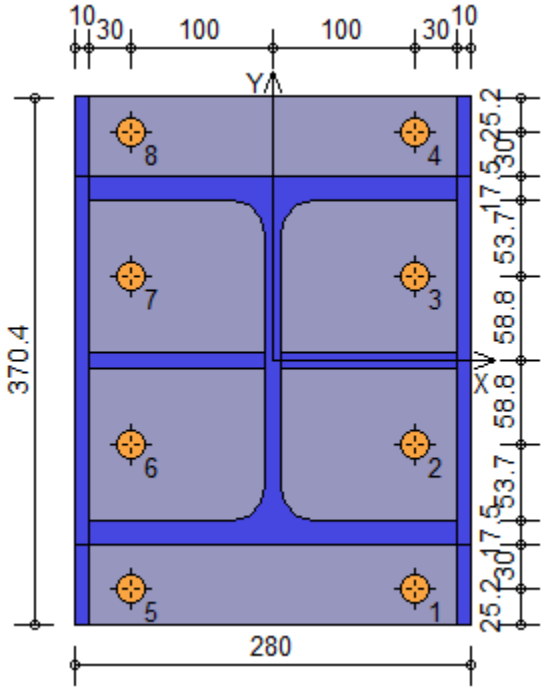

Verifiche sui bulloni

1-Taglio e trazione (Nodo n. 3923, CMB n. 360)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_1	VER
1	100.00	-160.00	14142.9	94097.0	0.0	141145.5	0.150301	Ok
2	100.00	-58.80	14151.9	94097.0	0.0	141145.5	0.150397	Ok
3	100.00	58.80	14162.3	94097.0	67561.5	141145.5	0.492411	Ok
4	100.00	160.00	14171.3	94097.0	127502.8	141145.5	0.795848	Ok
5	-100.00	-160.00	14149.5	94097.0	0.0	141145.5	0.150372	Ok
6	-100.00	-58.80	14158.5	94097.0	0.0	141145.5	0.150467	Ok
7	-100.00	58.80	14168.9	94097.0	62274.6	141145.5	0.465727	Ok
8	-100.00	160.00	14177.9	94097.0	122216.0	141145.5	0.769163	Ok

2-Trazione (Nodo n. 3923, CMB n. 355)

Bull.	X [mm]	Y [mm]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_2	VER
1	100.00	-160.00	0.0	141145.5	0.000000	Ok
2	100.00	-58.80	11554.8	141145.5	0.081864	Ok
3	100.00	58.80	80618.4	141145.5	0.571172	Ok
4	100.00	160.00	140050.6	141145.5	0.992243	Ok
5	-100.00	-160.00	0.0	141145.5	0.000000	Ok
6	-100.00	-58.80	0.0	141145.5	0.000000	Ok
7	-100.00	58.80	45479.2	141145.5	0.322215	Ok
8	-100.00	160.00	104911.5	141145.5	0.743286	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone
$F_{v,Rd}$ resistenza a taglio di progetto del bullone
$F_{t,Ed}$ forza di trazione agente sul bullone
$F_{t,Rd}$ resistenza a trazione di progetto del bullone
$FV_1 = F_{v,Ed} / F_{v,Rd} + F_{t,Ed} / (1.4 \bullet F_{t,Rd})$
$FV_2 = F_{t,Ed} / F_{t,Rd}$
VER $\rightarrow$ $FV_i \leq 1$

Verifiche sulle saldature profilo-flangia (versione beta)

Si considera la sezione di gola (avente altezza $a = s_c / 2^{0.5} = 6.364$) in posizione ribaltata: vengono considerate positive le tensioni normali di trazione e le tensioni tangenziali agenti verso destra e verso il basso. Tutte le tensioni

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sono espresse in N/mm^2.

Verifica formula (4.2.84) (Nodo n. 3923, CMB n. 355)

Cordoni	Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_\parallel$	FV_1	VER_1
Nerv. vert. lato destro interno zona inferiore	46.2	-118.69	0.00	6.54	118.87	Ok
Nerv. vert. lato sinistro interno zona inferiore	46.2	-169.58	0.00	6.54	169.71	Ok
Ala inferiore esterno	260.0	-130.62	0.00	-4.97	130.72	Ok
Ala inferiore interno lato destro	101.0	-80.56	0.00	-4.97	80.71	Ok
Ala inferiore interno lato sinistro	101.0	-112.46	0.00	-4.97	112.57	Ok
Nerv. vert. lato destro interno zona centrale	207.0	101.06	0.00	6.54	101.27	Ok
Anima lato destro	177.0	-70.53	0.00	6.54	70.83	Ok
Anima lato sinistro	177.0	-70.53	0.00	6.54	70.83	Ok
Nerv. vert. lato sinistro interno zona centrale	207.0	-107.39	0.00	6.54	107.59	Ok
Ala superiore interno lato destro	101.0	106.13	0.00	-4.97	106.25	Ok
Ala superiore interno lato sinistro	101.0	74.23	0.00	-4.97	74.39	Ok
Ala superiore esterno	260.0	98.21	0.00	-4.97	98.33	Ok
Nerv. vert. lato destro interno zona superiore	46.2	163.25	0.00	6.54	163.38	Ok
Nerv. vert. lato sinistro interno zona superiore	46.2	112.36	0.00	6.54	112.55	Ok

Verifica formula (4.2.85) (Nodo n. 3923, CMB n. 355)

Cordoni	Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_\parallel$	FV_2	VER_2
Nerv. vert. lato destro interno zona inferiore	46.2	-118.69	0.00	6.54	118.69	Ok
Nerv. vert. lato sinistro interno zona inferiore	46.2	-169.58	0.00	6.54	169.58	Ok
Ala inferiore esterno	260.0	-130.62	0.00	-4.97	130.62	Ok
Ala inferiore interno lato destro	101.0	-80.56	0.00	-4.97	80.56	Ok
Ala inferiore interno lato sinistro	101.0	-112.46	0.00	-4.97	112.46	Ok
Nerv. vert. lato destro interno zona centrale	207.0	101.06	0.00	6.54	101.06	Ok
Anima lato destro	177.0	-70.53	0.00	6.54	70.53	Ok
Anima lato sinistro	177.0	-70.53	0.00	6.54	70.53	Ok
Nerv. vert. lato sinistro interno zona centrale	207.0	-107.39	0.00	6.54	107.39	Ok
Ala superiore interno lato destro	101.0	106.13	0.00	-4.97	106.13	Ok
Ala superiore interno lato sinistro	101.0	74.23	0.00	-4.97	74.23	Ok
Ala superiore esterno	260.0	98.21	0.00	-4.97	98.21	Ok
Nerv. vert. lato destro interno zona superiore	46.2	163.25	0.00	6.54	163.25	Ok
Nerv. vert. lato sinistro interno zona superiore	46.2	112.36	0.00	6.54	112.36	Ok

Legenda

$n_\perp$ tensione normale perpendicolare all'asse del cordone

$t_\perp$ tensione tangenziale perpendicolare all'asse del cordone

$\tau_\parallel$ tensione tangenziale parallela all'asse del cordone

$FV_1 = (n_\perp^2 + t_\perp^2 + \tau_\parallel^2)^{0.5}$

$FV_2 = |n_\perp| + |t_\perp|$

$VER_i \rightarrow FV_i \le \beta_i \cdot f_{yk}$ ($\beta_1 \cdot f_{yk} = 248.50$ N/mm^2 $\beta_2 \cdot f_{yk} = 301.75$ N/mm^2)

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Verifiche a flessione piastra in zona compressa

Sezione parallela a X a filo della colonna (Nodo n. 3923, CMB n. 355)

Pressione media a bordo piastra $p_{med} = 21.83$ N/mm^2

Carico lineare sbalzo $q_{lin} = 6112.91$ N/mm

Lunghezza sbalzo $L_s = 55.2$ mm

Modulo di resistenza minimo $W_{min} = 286757.3$ mm^3

Momento resistente $M_{p,Rd} =$ 96951260.0 N mm

Momento massimo $M_{p,Ed} =$ 9313133.0 N mm

$M_{p,Ed} / M_{p,Rd} = 0.096060$ Ok

Sezione parallela a Y a filo della nervatura verticale (Nodo n. 3923, CMB n. 355)

Pressione media a bordo piastra $p_{med} = 14.26$ N/mm^2

Carico lineare sbalzo $q_{lin} = 5282.60$ N/mm

Lunghezza sbalzo L_s = 0.0 mm
Modulo di resistenza minimo W_{min} = 184330.1 mm^3
Momento resistente $M_{p,Rd}$ = 62321120.0 N mm
Momento massimo $M_{p,Ed}$ = 0.0 N mm
$M_{p,Ed} / M_{p,Rd}$ = 0.000000 Ok

Verifica del momento di progetto del giunto (Nodo n. 3923, CMB n. 360)
Momento resistente del giunto $M_{j,Rd}$ = 140996600.0 N mm
Momento di progetto $M_{j,Ed}$ = 100736600.0 N mm
$M_{j,Ed} / M_{j,Rd}$ = 0.714462 Ok

Controvento Col. Sup. ÷ Trave 3+

Tipo di profilo: L 100X15
Materiale: Acciaio S355 f_y = 355 N/mm^2 f_t = 510 N/mm^2 γ_{ov} = 1.25

Piastra di collegamento:
Materiale: Acciaio S355 f_y = 355 N/mm^2 f_t = 510 N/mm^2 γ_{ov} = 1.25
Spessore: 10.0 mm

Bullonature:
Viti cl. 8.8 Dadi 8 o 10 (f_{yb} = 640 N/mm^2, f_{tb} = 800 N/mm^2)
Diametro gambo Ø = 20 mm A_{res} = 245.0 mm^2 (ridotta per filettatura)
Diametro dado/testa d_m = 30 mm
Diametro foro $Ø_0$ = 21 mm

Sollecitazioni nella sezione d'attacco del controvento:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
3923.376	0.0	167.4	258900.0	0.0	0.0	0.0

Calcolo resistenze

Resistenza a taglio dei bulloni $F_{vb,Rd} = 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2}$ = 94097.0 N

Bull.	$F_{bp,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bp,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	204000.0	155428.6	94097.0	165946.6	202542.8	94097.0
2	104428.6	156642.9	94097.0	92611.4	121525.7	92611.4
3	103619.0	306000.0	94097.0	142758.1	202542.8	94097.0

Legenda
$F_{bp,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_c / \gamma_{M2}$ resistenza a rifollamento piastra in direzione x
$F_{ba,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_a / \gamma_{M2}$ resistenza a rifollamento asta elemento in direzione x
$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bp,x,Rd} , F_{ba,x,Rd}]$ resistenza a taglio di progetto in direzione x
$F_{bp,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_c / \gamma_{M2}$ resistenza a rifollamento piastra in direzione y
$F_{ba,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_a / \gamma_{M2}$ resistenza a rifollamento asta elemento in direzione y
$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bp,y,Rd} , F_{ba,y,Rd}]$ resistenza a taglio di progetto in direzione y

Verifiche a taglio sui bulloni (Nodo n. 3923, CMB n. 376)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	FV	VER
1	32.00	11.50	91722.6	94097.0	0.974766	Ok
2	80.00	11.50	86300.0	94097.0	0.917139	Ok
3	128.00	11.50	91684.8	94097.0	0.974365	Ok

Legenda
$F_{v,Ed}$ forza di taglio agente sul bullone
$F_{v,Rd}$ resistenza a taglio di progetto del bullone
$FV = F_{v,Ed} / F_{v,Rd}$
VER $\rightarrow$ $FV \leq 1$

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Verifica di resistenza controvento (Nodo n. 3923, CMB n. 376)

La verifica viene eseguita considerando il massimo valore assoluto dello sforzo normale applicato.

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0} =$	943285.8 N
Resistenza a rottura della sezione netta	$N_{u,Rd} = 0.9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2} =$	908820.0 N
Resistenza assiale di calcolo	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}] =$	908820.0 N
Azione assiale di progetto (trazione)	$N_{Ed} =$	258900.0 N

$N_{Ed} / N_{t,Rd} = 0.284875$ Ok

Controvento Col. Sup. ÷ Trave 3-

Tipo di profilo: L 100X15

Materiale: Acciaio S355 $f_y = 355$ N/mm^2 $f_t = 510$ N/mm^2 $\gamma_{ov} = 1.25$

Piastra di collegamento:

Materiale: Acciaio S355 $f_y = 355$ N/mm^2 $f_t = 510$ N/mm^2 $\gamma_{ov} = 1.25$
Spessore: 10.0 mm

Bullonature:

Viti cl. 8.8 Dadi 8 o 10 ($f_{yb} = 640$ N/mm^2, $f_{tb} = 800$ N/mm^2)
Diametro gambo Ø = 20 mm $A_{res} = 245.0$ mm^2 (ridotta per filettatura)
Diametro dado/testa $d_m = 30$ mm
Diametro foro $Ø_0 = 21$ mm

Sollecitazioni nella sezione d'attacco del controvento:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
3923.377	0.0	-167.4	151400.0	0.0	0.0	0.0

Calcolo resistenze

Resistenza a taglio dei bulloni $F_{vb,Rd} = 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 94097.0 N

Bull.	$F_{bp,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bp,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	204000.0	155428.6	94097.0	165946.6	202542.8	94097.0
2	104428.6	156642.9	94097.0	92611.4	121525.7	92611.4
3	103619.0	306000.0	94097.0	142758.1	202542.8	94097.0

Legenda

$F_{bp,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_c / \gamma_{M2}$ resistenza a rifollamento piastra in direzione x

$F_{ba,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_a / \gamma_{M2}$ resistenza a rifollamento asta elemento in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bp,x,Rd} , F_{ba,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bp,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_c / \gamma_{M2}$ resistenza a rifollamento piastra in direzione y

$F_{ba,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_a / \gamma_{M2}$ resistenza a rifollamento asta elemento in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bp,y,Rd} , F_{ba,y,Rd}]$ resistenza a taglio di progetto in direzione y

Verifiche a taglio sui bulloni (Nodo n. 3923, CMB n. 377)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	FV	VER
1	32.00	11.50	53645.5	94097.0	0.570109	Ok
2	80.00	11.50	50466.7	94097.0	0.536326	Ok
3	128.00	11.50	53607.8	94097.0	0.569708	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone

$F_{v,Rd}$ resistenza a taglio di progetto del bullone

$FV = F_{v,Ed} / F_{v,Rd}$

VER $\rightarrow$ $FV \leq 1$

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Verifica di resistenza controvento (Nodo n. 3923, CMB n. 377)

La verifica viene eseguita considerando il massimo valore assoluto dello sforzo normale applicato.

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0} =$	943285.8 N
Resistenza a rottura della sezione netta	$N_{u,Rd} = 0.9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2} =$	908820.0 N
Resistenza assiale di calcolo	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}] =$	908820.0 N
Azione assiale di progetto (trazione)	$N_{Ed} =$	151400.0 N

$N_{Ed} / N_{t,Rd} = 0.166590$ Ok

DETTAGLIO P03 - Collegamento trave principale-trave secondaria HEB 600-colonna HEB260 e HEB450

Materiale profili: Acciaio S355 Viti cl. 8.8 Dadi 8 o 10 Diametro 20 mm Materiale coprigiunti/piatti: Acciaio S355

PER COLLEGAMENTO COLONNA HEB260 VEDI VERIFICA PRECEDENTE

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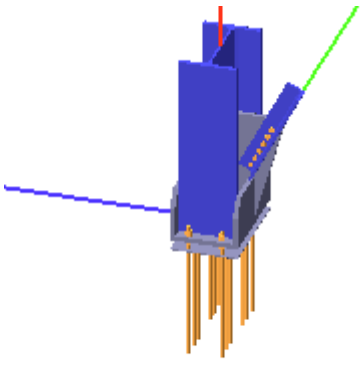

Coefficienti di sicurezza utilizzati

$\gamma_{M0} = 1.05$

$\gamma_{M1} = 1.10$

$\gamma_{M2} = 1.25$

Colonna

Tipo di profilo: HEB 450

Materiale: Acciaio S355 f_y = 355 N/mm² f_t = 510 N/mm² γ_{ov} = 1.25
Classe sezione: 1

Flangia:

Materiale: Acciaio S355 f_y = 355 N/mm² f_t = 510 N/mm² γ_{ov} = 1.25
Dimensioni (B x H x Sp): 352.0 x 568.4 x 26.0 mm
Spessore nervature verticali: 26.0 mm
Spessore nervature orizzontali: 26.0 mm

Bullonature:
Viti cl. 8.8 Dadi 8 o 10 (f_{yb} = 640 N/mm², f_{tb} = 800 N/mm²)
Diametro gambo Ø = 20 mm A_{res} = 245.0 mm² (ridotta per filettatura)
Diametro dado/testa d_m = 30 mm
Diametro foro $Ø_0$ = 21 mm

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):
$S_{j,ini}$ non calcolabile

Saldature:

Materiale: Acciaio S355 f_y = 355 N/mm² f_t = 510 N/mm² β_1 = 0.70 β_2 = 0.85
Spessore cordoni d'angolo s_c = 13 mm

Sollecitazioni:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
4216.372	5048.2	-231.3	-288546.5	-512222.0	42270000.0	88976.0
4216.373	7928.2	186631.0	377624.6	53510000.0	-98110000.0	-434743.0
4216.375	10900.6	199615.0	394331.4	57160000.0	-85960000.0	-446461.0

Calcolo resistenze

Resistenza a trazione dei bulloni $F_{tb,Rd} = 0.9 \cdot f_{tb} \cdot A_{res} / \gamma_{M2}$ = 141145.5 N

Resistenza a punzonamento flangia $B_{pf,Rd} = 0.6 \cdot \pi \cdot d_m \cdot t_f \cdot f_{tk} / \gamma_{M2}$ = 599868.3 N

Bull.	$F_{f,Rd}$ [N]	$F_{t,Rd}$ [N]
1	162803.3	141145.5
2	172586.7	141145.5
3	149336.8	141145.5
4	149336.8	141145.5
5	172586.7	141145.5
6	162803.3	141145.5
7	162803.3	141145.5
8	172586.7	141145.5
9	149336.8	141145.5
10	149336.8	141145.5
11	172586.7	141145.5
12	162803.3	141145.5

Legenda
$F_{f,Rd} = M_{res,m} / (B_m \cdot R_m)$ resistenza a flessione flangia
$F_{t,Rd} = \min [F_{tb,Rd} , B_{pf,Rd} , F_{f,Rd}]$ resistenza a trazione di progetto

Resistenza a taglio dei bulloni $F_{vb,Rd} = 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2}$ = 94097.0 N

Bull.	$F_{bf,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bf,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	352185.6	94097.0	212160.0	94097.0
2	487968.0	94097.0	372542.8	94097.0

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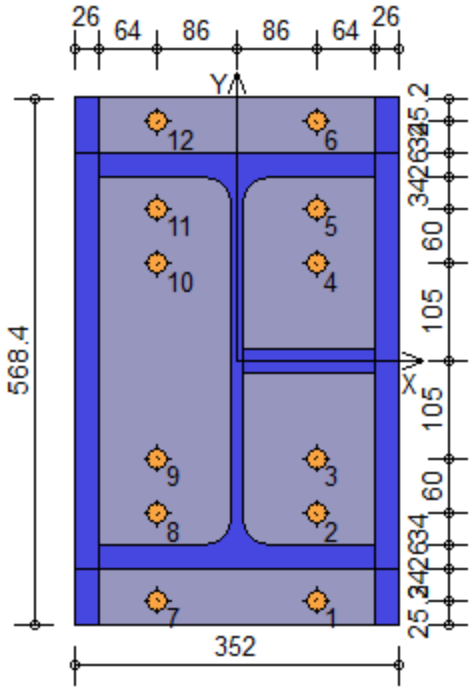
3	487968.0	94097.0	372542.8	94097.0
4	487968.0	94097.0	372542.8	94097.0
5	487968.0	94097.0	372542.8	94097.0
6	352185.6	94097.0	212160.0	94097.0
7	352185.6	94097.0	212160.0	94097.0
8	487968.0	94097.0	372542.8	94097.0
9	487968.0	94097.0	372542.8	94097.0
10	487968.0	94097.0	372542.8	94097.0
11	487968.0	94097.0	372542.8	94097.0
12	352185.6	94097.0	212160.0	94097.0

Legenda

$F_{bf,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione x
$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bf,x,Rd}]$ resistenza a taglio di progetto in direzione x
$F_{bf,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione y
$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bf,y,Rd}]$ resistenza a taglio di progetto in direzione y



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Verifiche sui bulloni

1-Taglio e trazione (Nodo n. 4216, CMB n. 375)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_1	VER
1	86.00	-259.00	16437.3	94097.0	41902.0	141145.5	0.386736	Ok
2	86.00	-165.00	16519.5	94097.0	55305.7	141145.5	0.455440	Ok
3	86.00	-105.00	16571.9	94097.0	63861.3	141145.5	0.499294	Ok
4	86.00	105.00	16755.4	94097.0	93805.8	141145.5	0.652782	Ok
5	86.00	165.00	16807.8	94097.0	102361.4	141145.5	0.696636	Ok
6	86.00	259.00	16890.0	94097.0	115765.2	141145.5	0.765340	Ok
7	-86.00	-259.00	16429.0	94097.0	0.0	141145.5	0.174597	Ok
8	-86.00	-165.00	16511.2	94097.0	0.0	141145.5	0.175470	Ok
9	-86.00	-105.00	16563.6	94097.0	0.0	141145.5	0.176027	Ok
10	-86.00	105.00	16747.2	94097.0	28126.0	141145.5	0.320314	Ok
11	-86.00	165.00	16799.7	94097.0	36681.6	141145.5	0.364168	Ok
12	-86.00	259.00	16881.9	94097.0	50085.3	141145.5	0.432873	Ok

2-Trazione (Nodo n. 4216, CMB n. 373)

Bull.	X [mm]	Y [mm]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_2	VER

1	86.00	-259.00	31520.0	141145.5	0.223316	Ok
2	86.00	-165.00	47144.9	141145.5	0.334016	Ok
3	86.00	-105.00	57118.2	141145.5	0.404676	Ok
4	86.00	105.00	92024.7	141145.5	0.651985	Ok
5	86.00	165.00	101998.1	141145.5	0.722645	Ok
6	86.00	259.00	117622.9	141145.5	0.833345	Ok
7	-86.00	-259.00	0.0	141145.5	0.000000	Ok
8	-86.00	-165.00	0.0	141145.5	0.000000	Ok
9	-86.00	-105.00	0.0	141145.5	0.000000	Ok
10	-86.00	105.00	32111.1	141145.5	0.227504	Ok
11	-86.00	165.00	42084.5	141145.5	0.298164	Ok
12	-86.00	259.00	57709.3	141145.5	0.408864	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone
$F_{v,Rd}$ resistenza a taglio di progetto del bullone
$F_{t,Ed}$ forza di trazione agente sul bullone
$F_{t,Rd}$ resistenza a trazione di progetto del bullone
$FV_1 = F_{v,Ed} / F_{v,Rd} + F_{t,Ed} / (1.4 \bullet F_{t,Rd})$
$FV_2 = F_{t,Ed} / F_{t,Rd}$
VER $\rightarrow$ $FV_i \leq 1$

Verifiche sulle saldature profilo-flangia (versione beta)

Si considera la sezione di gola (avente altezza $a = s_c / 2^{0.5} = 9.192$) in posizione ribaltata: vengono considerate positive le tensioni normali di trazione e le tensioni tangenziali agenti verso destra e verso il basso. Tutte le tensioni sono espresse in N/mm^2.

Verifica formula (4.2.84) (Nodo n. 4216, CMB n. 373)

Cordoni	Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_\parallel$	FV_1	VER_1
Nerv. vert. lato destro interno zona inferiore	46.2	12.01	0.00	0.53	12.02	Ok
Nerv. vert. lato sinistro interno zona inferiore	46.2	-53.59	0.00	0.53	53.59	Ok
Ala inferiore esterno	300.0	-46.97	0.00	19.08	50.70	Ok
Ala inferiore interno lato destro	116.0	18.98	0.00	19.08	26.91	Ok
Ala inferiore interno lato sinistro	116.0	-42.10	0.00	19.08	46.23	Ok
Nerv. vert. lato destro interno zona centrale	372.0	70.65	0.00	0.53	70.66	Ok
Anima lato destro	344.0	39.11	0.00	0.53	39.12	Ok
Anima lato sinistro	344.0	39.11	0.00	0.53	39.12	Ok
Nerv. vert. lato sinistro interno zona centrale	372.0	-40.01	0.00	0.53	40.01	Ok
Ala superiore interno lato destro	116.0	72.75	0.00	19.08	75.21	Ok
Ala superiore interno lato sinistro	116.0	35.29	0.00	19.08	40.12	Ok
Ala superiore esterno	300.0	47.08	0.00	19.08	50.80	Ok
Nerv. vert. lato destro interno zona superiore	46.2	84.24	0.00	0.53	84.24	Ok
Nerv. vert. lato sinistro interno zona superiore	46.2	25.03	0.00	0.53	25.03	Ok

Verifica formula (4.2.85) (Nodo n. 4216, CMB n. 373)

Cordoni	Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_\parallel$	FV_2	VER_2
Nerv. vert. lato destro interno zona inferiore	46.2	12.01	0.00	0.53	12.01	Ok
Nerv. vert. lato sinistro interno zona inferiore	46.2	-53.59	0.00	0.53	53.59	Ok
Ala inferiore esterno	300.0	-46.97	0.00	19.08	46.97	Ok
Ala inferiore interno lato destro	116.0	18.98	0.00	19.08	18.98	Ok
Ala inferiore interno lato sinistro	116.0	-42.10	0.00	19.08	42.10	Ok
Nerv. vert. lato destro interno zona centrale	372.0	70.65	0.00	0.53	70.65	Ok
Anima lato destro	344.0	39.11	0.00	0.53	39.11	Ok
Anima lato sinistro	344.0	39.11	0.00	0.53	39.11	Ok
Nerv. vert. lato sinistro interno zona centrale	372.0	-40.01	0.00	0.53	40.01	Ok
Ala superiore interno lato destro	116.0	72.75	0.00	19.08	72.75	Ok
Ala superiore interno lato sinistro	116.0	35.29	0.00	19.08	35.29	Ok
Ala superiore esterno	300.0	47.08	0.00	19.08	47.08	Ok
Nerv. vert. lato destro interno zona superiore	46.2	84.24	0.00	0.53	84.24	Ok

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Nerv. vert. lato sinistro interno zona superiore	46.2	25.03	0.00	0.53	25.03	Ok

Legenda

$n_\perp$ tensione normale perpendicolare all'asse del cordone

$t_\perp$ tensione tangenziale perpendicolare all'asse del cordone

$\tau_{||}$ tensione tangenziale parallela all'asse del cordone

$FV_1 = (n_\perp^2 + t_\perp^2 + \tau_{||}^2)^{0.5}$

$FV_2 = |n_\perp| + |t_\perp|$

$VER_i \rightarrow FV_i \le \beta_i \cdot f_{yk}$ ($\beta_1 \cdot f_{yk} = 248.50$ N/mm^2 $\beta_2 \cdot f_{yk} = 301.75$ N/mm^2)

Verifiche a flessione piastra in zona compressa

Sezione parallela a X a filo della colonna (Nodo n. 4216, CMB n. 373)

Pressione media a bordo piastra $p_{med} = 8.70$ N/mm^2
Carico lineare sbalzo $q_{lin} = 3061.24$ N/mm
Lunghezza sbalzo $L_s = 59.2$ mm
Modulo di resistenza minimo $W_{min} = 872628.1$ mm^3
Momento resistente $M_{p,Rd} =$ 295031400.0 N mm
Momento massimo $M_{p,Ed} =$ 5364275.0 N mm
$M_{p,Ed} / M_{p,Rd} = 0.018182$ Ok

Sezione parallela a Y a filo della nervatura verticale nella zona di destra (Nodo n. 4216, CMB n. 372)

Pressione media a bordo piastra $p_{med} = 1.96$ N/mm^2
Carico lineare sbalzo $q_{lin} = 1115.83$ N/mm
Lunghezza sbalzo $L_s = 0.0$ mm
Modulo di resistenza minimo $W_{min} = 64039.7$ mm^3
Momento resistente $M_{p,Rd} =$ 21651530.0 N mm
Momento massimo $M_{p,Ed} =$ 0.0 N mm
$M_{p,Ed} / M_{p,Rd} = 0.000000$ Ok

Sezione parallela a Y a filo della nervatura verticale nella zona di sinistra (Nodo n. 4216, CMB n. 373)

Pressione media a bordo piastra $p_{med} = 8.70$ N/mm^2
Carico lineare sbalzo $q_{lin} = 4943.21$ N/mm
Lunghezza sbalzo $L_s = 0.0$ mm
Modulo di resistenza minimo $W_{min} = 2589687.0$ mm^3
Momento resistente $M_{p,Rd} =$ 875560800.0 N mm
Momento massimo $M_{p,Ed} =$ 0.0 N mm
$M_{p,Ed} / M_{p,Rd} = 0.000000$ Ok

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Verifica del momento di progetto del giunto (Nodo n. 4216, CMB n. 373)

Momento resistente del giunto $M_{j,Rd} =$ 308581800.0 N mm
Momento di progetto $M_{j,Ed} =$ 169120300.0 N mm
$M_{j,Ed} / M_{j,Rd} = 0.548057$ Ok

Controvento Col. Sup. ÷ Trave 3-

Tipo di profilo: L 100X15

Materiale: Acciaio S355 $f_y = 355$ N/mm^2 $f_t = 510$ N/mm^2 $\gamma_{ov} = 1.25$

Piastra di collegamento:

Materiale: Acciaio S355 $f_y = 355$ N/mm^2 $f_t = 510$ N/mm^2 $\gamma_{ov} = 1.25$
Spessore: 26.0 mm

Bullonature:

Viti cl. 8.8 Dadi 8 o 10 ($f_{yb} = 640$ N/mm^2, $f_{tb} = 800$ N/mm^2)
Diametro gambo Ø = 20 mm $A_{res} = 245.0$ mm^2 (ridotta per filettatura)

Diametro dado/testa d_m = 30 mm
Diametro foro $Ø_0$ = 21 mm

Sollecitazioni nella sezione d'attacco del controvento:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
4216.375	0.0	-196.6	457500.0	0.0	0.0	0.0

Calcolo resistenze

Resistenza a taglio dei bulloni $F_{vb,Rd} = 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2}$ = 94097.0 N

Bull.	$F_{bp,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bp,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	530400.0	155428.6	94097.0	530400.0	202542.8	94097.0
2	271514.3	156642.9	94097.0	318240.0	121525.7	94097.0
3	271514.3	156642.9	94097.0	318240.0	121525.7	94097.0
4	271514.3	156642.9	94097.0	318240.0	121525.7	94097.0
5	271514.3	156642.9	94097.0	294157.8	121525.7	94097.0
6	269409.6	306000.0	94097.0	406749.9	202542.8	94097.0

Legenda

$F_{bp,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_c / \gamma_{M2}$ resistenza a rifollamento piastra in direzione x

$F_{ba,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_a / \gamma_{M2}$ resistenza a rifollamento asta elemento in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bp,x,Rd} , F_{ba,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bp,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_c / \gamma_{M2}$ resistenza a rifollamento piastra in direzione y

$F_{ba,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_a / \gamma_{M2}$ resistenza a rifollamento asta elemento in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bp,y,Rd} , F_{ba,y,Rd}]$ resistenza a taglio di progetto in direzione y

Verifiche a taglio sui bulloni (Nodo n. 4216, CMB n. 375)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	FV	VER
1	32.00	11.50	77847.8	94097.0	0.827314	Ok
2	80.00	11.50	76830.6	94097.0	0.816505	Ok
3	128.00	11.50	76315.6	94097.0	0.811032	Ok
4	176.00	11.50	76313.0	94097.0	0.811003	Ok
5	224.00	11.50	76822.6	94097.0	0.816420	Ok
6	272.00	11.50	77834.6	94097.0	0.827174	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone

$F_{v,Rd}$ resistenza a taglio di progetto del bullone

$FV = F_{v,Ed} / F_{v,Rd}$

VER $\rightarrow$ $FV \leq 1$

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Verifica di resistenza controvento (Nodo n. 4216, CMB n. 375)

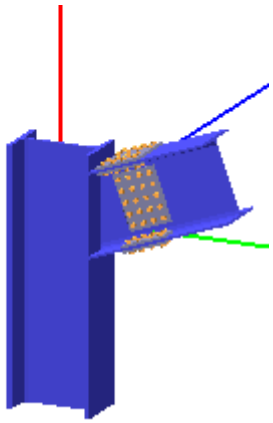
La verifica viene eseguita considerando il massimo valore assoluto dello sforzo normale applicato.

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0}$ =	943285.8 N
Resistenza a rottura della sezione netta	$N_{u,Rd} = 0.9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2}$ =	908820.0 N
Resistenza assiale di calcolo	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}]$ =	908820.0 N
Azione assiale di progetto (trazione)	N_{Ed} =	457500.0 N

$N_{Ed} / N_{t,Rd}$ = 0.503400 Ok

DETTAGLIO P06 - Collegamento colonna HEB450 - trave HEA450 - controvento piatto 100x15 - trave HEB120

Materiale profili: Acciaio S355 Viti cl. 8.8 Dadi 8 o 10 Diametro 16-20 mm Materiale coprigiunti/piatti: Acciaio S355



Colonna

Tipo di profilo: HEB 450

Materiale: Acciaio S355 f_y = 355 N/mm^2 f_t = 510 N/mm^2 γ_{ov} = 1.25

Classe sezione: 1

Coefficienti di sicurezza utilizzati

γ_{M0} = 1.05

γ_{M1} = 1.10

γ_{M2} = 1.25

Trave lato 2+

Tipo di profilo: HEA 450A

Materiale: Acciaio S355 f_y = 355 N/mm^2 f_t = 510 N/mm^2 γ_{ov} = 1.25

Classe sezione: 1

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Coprigiunti:

Materiale: Acciaio S355 f_y = 355 N/mm^2 f_t = 510 N/mm^2 γ_{ov} = 1.25

Coprigiunti ala [mm]: 300.0 x 240.0 x 14 (piastra esterna) + 118.00 x 240.0 x 14 (due piastre interne)

Coprigiunti anima [mm]: 300.0 x 240.0 x 10 (due piastre)

Bullonature:

Viti cl. 8.8 Dadi 8 o 10 (f_{yb} = 640 N/mm^2, f_{tb} = 800 N/mm^2)

Diametro gambo Ø = 16 mm A_{res} = 156.8 mm^2 (ridotta per filettatura)

Diametro dado/testa d_m = 24 mm

Diametro foro $Ø_0$ = 17 mm

Numero superfici di taglio: ala n_{sl} = 2, anima n_{sn} = 2

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):

$S_{j,ini}$ non calcolabile

Sollecitazioni nella sezione d'attacco dell'elemento:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
1187.366	-5313.5	18.9	23026.5	-4827.0	75422100.0	-18951.0
1187.368	48717.7	41.0	-42679.2	-90343.0	-112747500.0	-35360.0
1187.375	14661.5	-101.1	-51704.0	178310.0	-22192020.0	77755.0
1187.385	-2995.2	-122.7	-39486.1	269409.0	38608120.0	92230.0

Calcolo resistenze

Bulloni Ala

Resistenza a taglio dei bulloni $F_{vb,Rd} = n_{sl} \cdot 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 120444.1 N

Bull.	$F_{bc,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bc,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	423360.0	129600.0	120444.1	259840.0	125280.0	120444.1
2	423360.0	129600.0	120444.1	341600.0	204120.0	120444.1
3	423360.0	129600.0	120444.1	341600.0	204120.0	120444.1
4	423360.0	129600.0	120444.1	259840.0	125280.0	120444.1
5	268800.0	220320.0	120444.1	259840.0	125280.0	120444.1
6	268800.0	220320.0	120444.1	341600.0	204120.0	120444.1
7	268800.0	220320.0	120444.1	341600.0	204120.0	120444.1
8	268800.0	220320.0	120444.1	259840.0	125280.0	120444.1

Bulloni Anima

Resistenza a taglio dei bulloni $F_{vb,Rd} = n_{sn} \cdot 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 120444.1 N

Bull.	$F_{bc,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bc,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	302400.0	96000.0	96000.0	192000.0	163200.0	120444.1
2	302400.0	96000.0	96000.0	302400.0	151200.0	120444.1
3	302400.0	96000.0	96000.0	302400.0	151200.0	120444.1
4	302400.0	96000.0	96000.0	302400.0	151200.0	120444.1
5	302400.0	96000.0	96000.0	192000.0	163200.0	120444.1
6	192000.0	163200.0	120444.1	192000.0	163200.0	120444.1
7	192000.0	163200.0	120444.1	302400.0	151200.0	120444.1
8	192000.0	163200.0	120444.1	302400.0	151200.0	120444.1
9	192000.0	163200.0	120444.1	302400.0	151200.0	120444.1
10	192000.0	163200.0	120444.1	192000.0	163200.0	120444.1

Legenda

$F_{bc,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_c / \gamma_{M2}$ resistenza a rifollamento coprigiunto in direzione x

$F_{ba,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_a / \gamma_{M2}$ resistenza a rifollamento ala/anima elemento in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bc,x,Rd} , F_{ba,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bc,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_c / \gamma_{M2}$ resistenza a rifollamento coprigiunto in direzione y

$F_{ba,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_a / \gamma_{M2}$ resistenza a rifollamento ala/anima elemento in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bc,y,Rd} , F_{ba,y,Rd}]$ resistenza a taglio di progetto in direzione y

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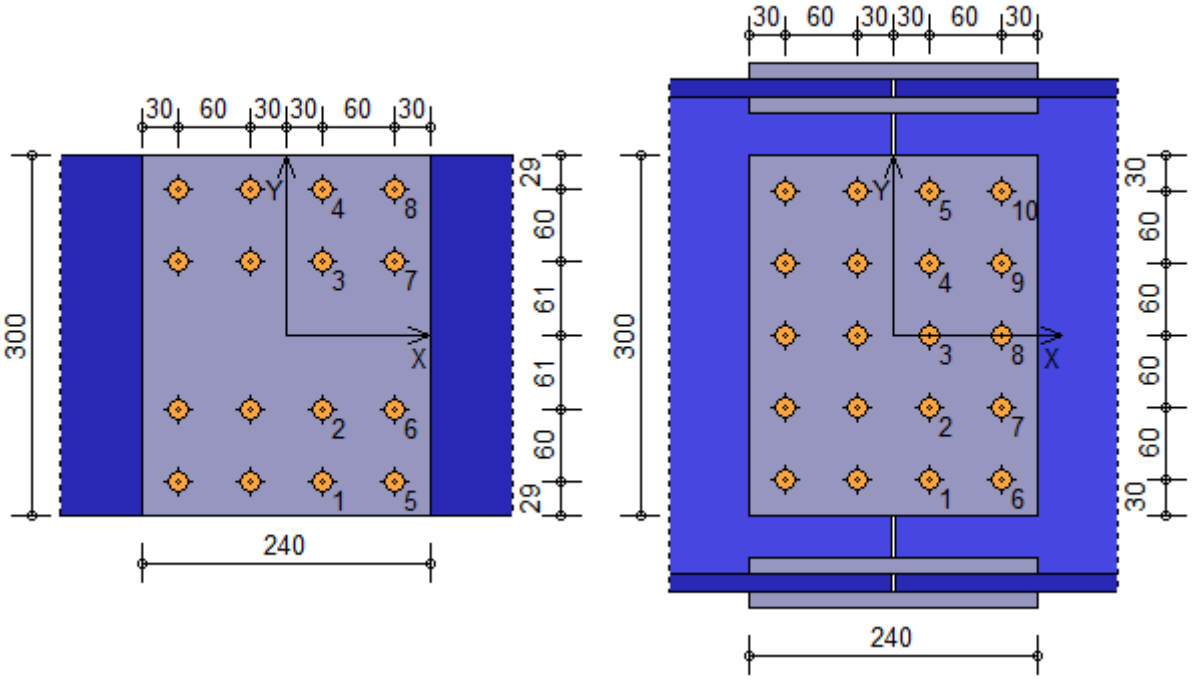

Verifiche a taglio sui bulloni

Bulloni Ala (Nodo n. 1187, CMB n. 368)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	FV	VER
1	30.00	-121.00	29922.3	120444.1	0.248433	Ok
2	30.00	-61.00	29956.9	120444.1	0.248720	Ok
3	30.00	61.00	30027.1	120444.1	0.249303	Ok
4	30.00	121.00	30061.6	120444.1	0.249589	Ok
5	90.00	-121.00	29922.3	120444.1	0.248433	Ok
6	90.00	-61.00	29956.9	120444.1	0.248720	Ok
7	90.00	61.00	30027.1	120444.1	0.249303	Ok
8	90.00	121.00	30061.6	120444.1	0.249589	Ok

Bulloni Anima (Nodo n. 1187, CMB n. 368)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	FV	VER
1	30.00	-120.00	27122.1	96000.0	0.282522	Ok
2	30.00	-60.00	14206.1	96000.0	0.147980	Ok
3	30.00	0.00	1979.9	120444.1	0.016439	Ok
4	30.00	60.00	11913.5	96000.0	0.124099	Ok
5	30.00	120.00	24816.3	96000.0	0.258503	Ok
6	90.00	-120.00	29357.8	120444.1	0.243747	Ok
7	90.00	-60.00	18113.1	120444.1	0.150386	Ok
8	90.00	0.00	11410.2	120444.1	0.094734	Ok
9	90.00	60.00	16377.0	120444.1	0.135972	Ok
10	90.00	120.00	27241.9	120444.1	0.226179	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone
$F_{v,Rd}$ resistenza a taglio di progetto del bullone
$FV = F_{v,Ed} / F_{v,Rd}$
VER $\rightarrow$ $FV \leq 1$

Verifica a trazione sezione forata (Nodo n. 1187, CMB n. 366)

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0} =$	4297191.0 N
Resistenza a rottura della sezione al netto dei fori	$N_{u,Rd} = 0,9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2} =$	3680813.0 N
Resistenza di calcolo a trazione	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}] =$	3680813.0 N

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Azione assiale di calcolo N_{Ed} = 23026.5 N

$N_{Ed} / N_{t,Rd}$ = 0.006256 Ok

Controllo influenza fori sul momento resistente

Resistenza a rottura della piattabanda al netto dei fori $N_{u,Rd} = 0.9 \cdot A_{f,net} \cdot f_{tk} / \gamma_{M2}$ = 1150070.0 N

Resistenza plastica della piattabanda lorda $N_{pl,Rd} = A_f \cdot f_{yk} / \gamma_{M0}$ = 1369286.0 N

$N_{u,Rd} \geq N_{pl,Rd}$ → 1150070.0 < 1369286.0

E' necessario considerare la presenza dei fori nel calcolo del momento resistente dell'elemento.
Per effettuare la verifica a flessione della sezione forata è necessario eseguire la seguente procedura: nel modello della struttura da cui è stato generato il nodo, selezionare *Dati struttura → Sezioni*, individuare nell'archivio la sezione corrispondente al profilo utilizzato, selezionare la scheda *Progetto acciaio*, assegnare le proprietà di massa riportate di seguito e riprogettare la struttura.

• Profilo HEA 450A $A_{eff.}$ = 100.24 cm² Jr_{2-2} = 4397.24 cm⁴ Jr_{3-3} = 33498.81 cm⁴

Verifica dei coprigiunti d'ala

Resistenze

Resistenza plastica della sezione lorda $N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0}$ = 2537067.0 N

Resistenza a rottura della sezione al netto dei fori $N_{u,Rd} = 0.9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2}$ = 2056320.0 N

Resistenza di calcolo a trazione $N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}]$ = 2056320.0 N

Resistenza di calcolo a compressione $N_{c,Rd} = N_{pl,Rd}$ = 2537067.0 N

Resistenza di calcolo a taglio $V_{c,Rd} = A_v \cdot f_{yk} / (3^{½} \cdot \gamma_{M0})$ = 1464776.0 N

Resistenza di calcolo a flessione retta $M_{c,Rd} = W_{pl} \cdot f_{yk} / \gamma_{M0}$ = 208153100.0 N mm

Verifica per sforzo normale (Nodo n. 1187, CMB n. 368)

Azione assiale di calcolo N_{Ed} = -239935.6 N

$N_{Ed} / N_{c,Rd}$ = 0.094572 Ok

Verifica per taglio (Nodo n. 1187, CMB n. 385)

Azione tagliante di calcolo V_{Ed} = -61.4 N

$V_{Ed} / V_{c,Rd}$ = 0.000042 Ok

Verifica per momento (Nodo n. 1187, CMB n. 385)

Riduzione per effetto dello sforzo normale: N_{Ed} = 91231.1 N

$M_{N,Rd} = M_{c,Rd} \cdot \min [1 , (1 - N_{Ed} / N_{pl,Rd}) / 0.75]$ = 208153100.0 N mm

Riduzione per effetto del taglio: V_{Ed} = -61.4 N

$V_{Ed} < 0.5 \cdot V_{c,Rd}$ → $\rho = 0$

Momento flettente di calcolo M_{Ed} = 134704.5 N mm

$M_{Ed} / [M_{N,Rd} \cdot (1-\rho)]$ = 0.000647 Ok

Verifica dei coprigiunti d'anima

Resistenze

Resistenza plastica della sezione lorda $N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0}$ = 2028572.0 N

Resistenza a rottura della sezione al netto dei fori $N_{u,Rd} = 0.9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2}$ = 1578960.0 N

Resistenza di calcolo a trazione $N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}]$ = 1578960.0 N

Resistenza di calcolo a compressione $N_{c,Rd} = N_{pl,Rd}$ = 2028572.0 N

Resistenza di calcolo a taglio $V_{c,Rd} = A_v \cdot f_{yk} / (3^{½} \cdot \gamma_{M0})$ = 1171196.0 N

Resistenza di calcolo a flessione retta $M_{c,Rd} = W_{pl} \cdot f_{yk} / \gamma_{M0}$ = 152142900.0 N mm

Verifica per sforzo normale (Nodo n. 1187, CMB n. 375)

Azione assiale di calcolo N_{Ed} = -13993.8 N

$N_{Ed} / N_{c,Rd}$ = 0.006898 Ok

Verifica per taglio (Nodo n. 1187, CMB n. 368)

Azione tagliante di calcolo V_{Ed} = 48717.7 N

$V_{Ed} / V_{c,Rd}$ = 0.041597 Ok

Verifica per momento (Nodo n. 1187, CMB n. 368)

Riduzione per effetto dello sforzo normale: N_{Ed} = -11551.3 N

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$M_{N,Rd} = M_{c,Rd} \bullet \min [1 , (1 - N_{Ed} / N_{pl,Rd}) / 0.75] = 152142900.0$ N mm

Riduzione per effetto del taglio: $V_{Ed} = 48717.7$ N

$V_{Ed} < 0.5 \bullet V_{c,Rd} \quad \rightarrow \quad \rho = 0$

Momento flettente di calcolo $M_{Ed} =$ -20418580.0 N mm

$M_{Ed} / [M_{N,Rd} \bullet (1-\rho)] = 0.134207$ Ok

Verifica del momento di progetto del giunto (Nodo n. 1187, CMB n. 368)

Momento resistente del giunto $M_{j,Rd} =$ 396502100.0 N mm

Momento di progetto $M_{j,Ed} =$ 112747500.0 N mm

$M_{j,Ed} / M_{j,Rd} = 0.284355$ Ok

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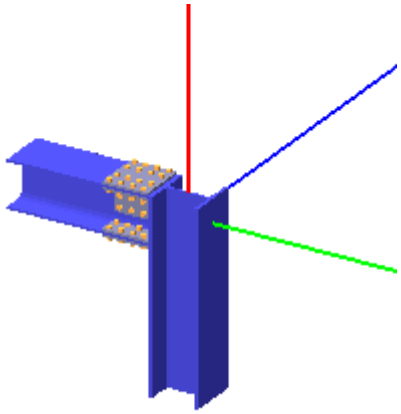
DETTAGLIO P07 - Collegamento colonna HEB260 - trave HEA260 - controvento d20 - trave HEB120

Materiale profili: Acciaio S355 Viti cl. 8.8 Dadi 8 o 10 Diametro 16-20 mm Materiale coprigiunti/piatti: Acciaio S355



Colonna

Tipo di profilo: HEB 260

Materiale: Acciaio S355 f_y = 355 N/mm^2 f_t = 510 N/mm^2 γ_{ov} = 1.25

Classe sezione: 1

Coefficienti di sicurezza utilizzati

γ_{M0} = 1.05

γ_{M1} = 1.10

γ_{M2} = 1.25

Trave lato 2-

Tipo di profilo: HEA 260

Materiale: Acciaio S355 f_y = 355 N/mm^2 f_t = 510 N/mm^2 γ_{ov} = 1.25

Classe sezione: 1

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Coprigiunti:

Materiale: Acciaio S355 f_y = 355 N/mm^2 f_t = 510 N/mm^2 γ_{ov} = 1.25

Coprigiunti ala [mm]: 260.0 x 240.3 x 13 (piastra esterna) + 102.25 x 240.3 x 13 (due piastre interne)

Coprigiunti anima [mm]: 120.2 x 240.3 x 10 (due piastre)

Bullonature:

Viti cl. 8.8 Dadi 8 o 10 (f_{yb} = 640 N/mm^2, f_{tb} = 800 N/mm^2)

Diametro gambo Ø = 16 mm A_{res} = 156.8 mm^2 (ridotta per filettatura)

Diametro dado/testa d_m = 24 mm

Diametro foro $Ø_0$ = 17 mm

Numero superfici di taglio: ala n_{sl} = 2, anima n_{sn} = 2

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):

$S_{j,ini}$ non calcolabile

Sollecitazioni nella sezione d'attacco dell'elemento:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
3272.1	23211.8	-0.3	-12412.0	3028.0	2337068.0	3557.0
3272.355	-21581.5	7.8	-11676.0	-20183.0	73748820.0	-33117.0
3272.358	45397.5	-7.8	-18057.9	19557.0	-83166650.0	33810.0
3272.361	45353.4	-7.9	-19149.9	20377.0	-82898120.0	34302.0

3272.380	-6951.1	9.6	-6289.1	-25562.0	38012710.0	-53737.0
3272.381	30890.9	-9.9	-11825.7	25314.0	-47688360.0	52912.0

Calcolo resistenze

Bulloni Ala

Resistenza a taglio dei bulloni $F_{vb,Rd} = n_{sl} \cdot 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 120444.1 N

Bull.	$F_{bc,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bc,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	279161.4	85384.6	85384.6	175552.0	84400.0	84400.0
2	336140.7	120240.0	120240.0	284336.0	189000.0	120444.1
3	336140.7	120240.0	120240.0	284336.0	189000.0	120444.1
4	279161.4	85384.6	85384.6	175552.0	84400.0	84400.0
5	177836.2	144864.0	120444.1	175552.0	84400.0	84400.0
6	214134.1	204000.0	120444.1	284336.0	189000.0	120444.1
7	214134.1	204000.0	120444.1	284336.0	189000.0	120444.1
8	177836.2	144864.0	120444.1	175552.0	84400.0	84400.0

Bulloni Anima

Resistenza a taglio dei bulloni $F_{vb,Rd} = n_{sn} \cdot 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 120444.1 N

Bull.	$F_{bc,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bc,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	302400.0	72144.0	72144.0	192640.0	122400.0	120444.1
2	302400.0	72144.0	72144.0	192640.0	122400.0	120444.1
3	192640.0	122400.0	120444.1	192640.0	122400.0	120444.1
4	192640.0	122400.0	120444.1	192640.0	122400.0	120444.1

Legenda

$F_{bc,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_c / \gamma_{M2}$ resistenza a rifollamento coprigiunto in direzione x

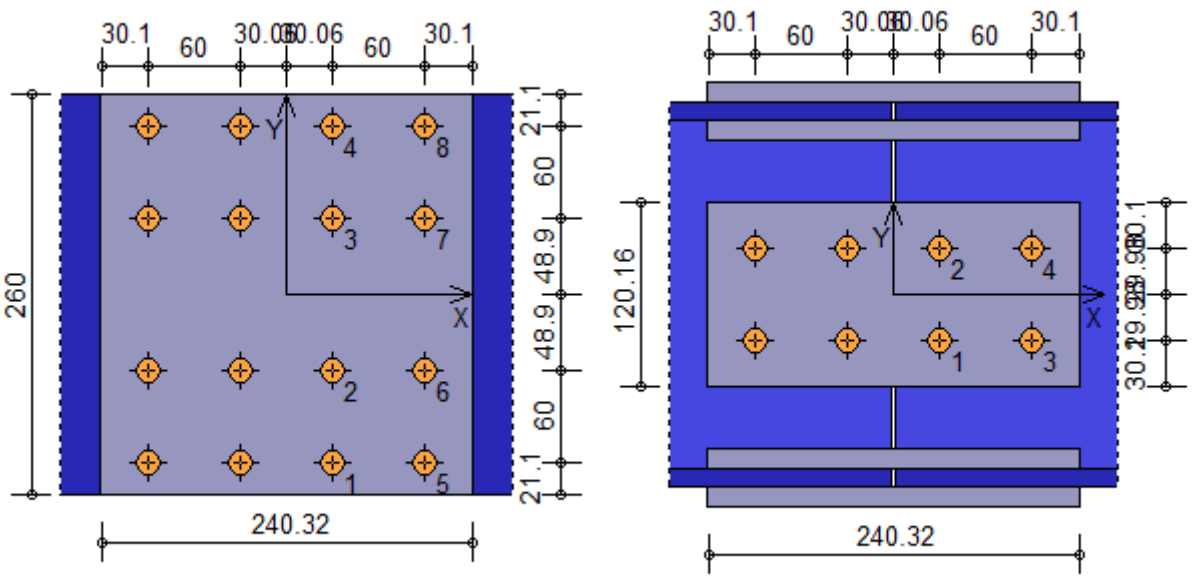
$F_{ba,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_a / \gamma_{M2}$ resistenza a rifollamento ala/anima elemento in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bc,x,Rd} , F_{ba,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bc,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_c / \gamma_{M2}$ resistenza a rifollamento coprigiunto in direzione y

$F_{ba,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_a / \gamma_{M2}$ resistenza a rifollamento ala/anima elemento in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bc,y,Rd} , F_{ba,y,Rd}]$ resistenza a taglio di progetto in direzione y



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Verifiche a taglio sui bulloni

Bulloni Ala (Nodo n. 3272, CMB n. 358)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	FV	VER
1	30.06	-108.90	39383.8	85384.6	0.461252	Ok
2	30.06	-48.90	39374.4	120240.0	0.327465	Ok
3	30.06	48.90	39359.2	120240.0	0.327338	Ok
4	30.06	108.90	39349.8	85384.6	0.460854	Ok
5	90.06	-108.90	39383.8	120444.1	0.326988	Ok
6	90.06	-48.90	39374.4	120444.1	0.326910	Ok
7	90.06	48.90	39359.2	120444.1	0.326783	Ok
8	90.06	108.90	39349.8	120444.1	0.326706	Ok

Bulloni Anima (Nodo n. 3272, CMB n. 355)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	FV	VER
1	30.06	-29.98	41618.4	72144.0	0.576879	Ok
2	30.06	29.98	42304.3	72144.0	0.586387	Ok
3	90.06	-29.98	49277.2	120444.1	0.409129	Ok
4	90.06	29.98	49857.9	120444.1	0.413950	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone
$F_{v,Rd}$ resistenza a taglio di progetto del bullone
$FV = F_{v,Ed} / F_{v,Rd}$
VER $\rightarrow$ $FV \leq 1$

Controllo influenza fori sul momento resistente

Resistenza a rottura della piattabanda al netto dei fori $N_{u,Rd} = 0.9 \cdot A_{f,net} \cdot f_{tk} / \gamma_{M2} =$ 881280.0 N

Resistenza plastica della piattabanda lorda $N_{pl,Rd} = A_f \cdot f_{yk} / \gamma_{M0} =$ 1098810.0 N

$N_{u,Rd} \geq N_{pl,Rd}$ $\rightarrow$ 881280.0 < 1098810.0

E' necessario considerare la presenza dei fori nel calcolo del momento resistente dell'elemento.
Per effettuare la verifica a flessione della sezione forata è necessario eseguire la seguente procedura: nel modello della struttura da cui è stato generato il nodo, selezionare *Dati struttura → Sezioni*, individuare nell'archivio la sezione corrispondente al profilo utilizzato, selezionare la scheda *Progetto acciaio*, assegnare le proprietà di massa riportate di seguito e riprogettare la struttura.

• Profilo HEA 260 $A_{eff.}$ = 67.25 cm^2 Jr_{2-2} = 2452.50 cm^4 Jr_{3-3} = 8031.99 cm^4

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Verifica dei coprigiunti d'ala

Resistenze

Resistenza plastica della sezione lorda $N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0} =$ 2041588.0 N

Resistenza a rottura della sezione al netto dei fori $N_{u,Rd} = 0.9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2} =$ 1568128.0 N

Resistenza di calcolo a trazione $N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}] =$ 1568128.0 N

Resistenza di calcolo a compressione $N_{c,Rd} = N_{pl,Rd} =$ 2041588.0 N

Resistenza di calcolo a taglio $V_{c,Rd} = A_v \cdot f_{yk} / (3^{½} \cdot \gamma_{M0}) =$ 1178712.0 N

Resistenza di calcolo a flessione retta $M_{c,Rd} = W_{pl} \cdot f_{yk} / \gamma_{M0} =$ 145174400.0 N mm

Verifica per sforzo normale (Nodo n. 3272, CMB n. 358)

Azione assiale di calcolo $N_{Ed} =$ -314934.2 N

$N_{Ed} / N_{c,Rd} = 0.154259$ Ok

Verifica per taglio (Nodo n. 3272, CMB n. 381)

Azione tagliante di calcolo $V_{Ed} =$ -5.0 N

$V_{Ed} / V_{c,Rd} = 0.000004$ Ok

Verifica per momento (Nodo n. 3272, CMB n. 380)

Riduzione per effetto dello sforzo normale: $N_{Ed} = 143113.9$ N

$M_{N,Rd} = M_{c,Rd} \cdot \min [1 , (1 - N_{Ed} / N_{pl,Rd}) / 0.75] = 145174400.0$ N mm

Riduzione per effetto del taglio: $V_{Ed} = 4.8$ N

$V_{Ed} < 0.5 \cdot V_{c,Rd}$ $\rightarrow$ $\rho = 0$

Momento flettente di calcolo $M_{Ed} =$ -12781.0 N mm

$M_{Ed} / [M_{N,Rd} \cdot (1-\rho)] = 0.000088$ Ok

Verifica dei coprigiunti d'anima

Resistenze

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0} =$	812510.6 N
Resistenza a rottura della sezione al netto dei fori	$N_{u,Rd} = 0.9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2} =$	632759.1 N
Resistenza di calcolo a trazione	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}] =$	632759.1 N
Resistenza di calcolo a compressione	$N_{c,Rd} = N_{pl,Rd} =$	812510.6 N
Resistenza di calcolo a taglio	$V_{c,Rd} = A_v \cdot f_{yk} / (3^{½} \cdot \gamma_{M0}) =$	469103.2 N
Resistenza di calcolo a flessione retta	$M_{c,Rd} = W_{pl} \cdot f_{yk} / \gamma_{M0} =$	24407820.0 N mm

Verifica per sforzo normale (Nodo n. 3272, CMB n. 361)

Azione assiale di calcolo $N_{Ed} =$ -2928.7 N

$N_{Ed} / N_{c,Rd} = 0.003605$ Ok

Verifica per taglio (Nodo n. 3272, CMB n. 358)

Azione tagliante di calcolo $V_{Ed} =$ 45397.5 N

$V_{Ed} / V_{c,Rd} = 0.096775$ Ok

Verifica per momento (Nodo n. 3272, CMB n. 358)

Riduzione per effetto dello sforzo normale: $N_{Ed} =$ -2761.7 N

$M_{N,Rd} = M_{c,Rd} \cdot \min [1 , (1 - N_{Ed} / N_{pl,Rd}) / 0.75] =$ 24407820.0 N mm

Riduzione per effetto del taglio: $V_{Ed} =$ 45397.5 N

$V_{Ed} < 0.5 \cdot V_{c,Rd} \quad \rightarrow \quad \rho = 0$

Momento flettente di calcolo $M_{Ed} =$ -10186190.0 N mm

$M_{Ed} / [M_{N,Rd} \cdot (1-\rho)] = 0.417333$ Ok

Verifica del momento di progetto del giunto (Nodo n. 3272, CMB n. 358)

Momento resistente del giunto	$M_{j,Rd} =$	228843900.0 N mm
Momento di progetto	$M_{j,Ed} =$	83166650.0 N mm

$M_{j,Ed} / M_{j,Rd} = 0.363421$ Ok

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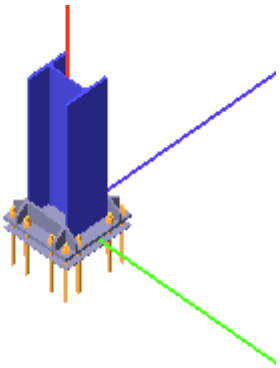
DETTAGLIO P08 - Collegamento colonna HEB260 a terra



Coefficienti di sicurezza utilizzati

γ_{M0} = 1.05

γ_{M1} = 1.10

γ_{M2} = 1.25

Colonna

Tipo di profilo: HEB 260

Materiale: Acciaio S355 f_y = 355 N/mm² f_t = 510 N/mm² γ_{ov} = 1.25

Classe sezione: 1

Flangia:

Materiale: Acciaio S355 f_y = 355 N/mm² f_t = 510 N/mm² γ_{ov} = 1.25

Dimensioni (B x H x Sp): 420.0 x 400.0 x 20.0 mm

Spessore nervature verticali: 15.0 mm

Spessore nervature orizzontali: 17.0 mm

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Bullonature:

Viti cl. 8.8 Dadi 8 o 10 (f_{yb} = 640 N/mm², f_{tb} = 800 N/mm²)

Diametro gambo Ø = 20 mm A_{res} = 245.0 mm² (ridotta per filettatura)

Diametro dado/testa d_m = 30 mm

Diametro foro $Ø_0$ = 21 mm

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):

$S_{j,ini}$ non calcolabile

Saldature:

Materiale: Acciaio S355 f_y = 355 N/mm² f_t = 510 N/mm² β_1 = 0.70 β_2 = 0.85

Spessore cordoni d'angolo s_c = 8 mm

Sollecitazioni:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
1359.380	-8922.7	-2076.8	-8395.6	5628000.0	44240000.0	7665.0
1359.381	8922.7	2720.1	-19836.5	-6703000.0	-44240000.0	-10089.0

Calcolo resistenze

Resistenza a trazione dei bulloni $F_{tb,Rd} = 0.9 \cdot f_{tb} \cdot A_{res} / \gamma_{M2}$ = 141145.5 N

Resistenza a punzonamento flangia $B_{pf,Rd} = 0.6 \cdot \pi \cdot d_m \cdot t_f \cdot f_{tk} / \gamma_{M2} =$ 461437.1 N

Bull.	$F_{f,Rd}$ [N]	$F_{t,Rd}$ [N]
1	109145.4	109145.4
2	132862.3	132862.3
3	132862.3	132862.3
4	109145.4	109145.4
5	116924.6	116924.6
6	116924.6	116924.6
7	116924.6	116924.6
8	116924.6	116924.6
9	109145.4	109145.4
10	132862.3	132862.3
11	132862.3	132862.3
12	109145.4	109145.4

Legenda

$F_{f,Rd} = M_{res,m} / (B_m \cdot R_m)$ resistenza a flessione flangia

$F_{t,Rd} = \min [F_{tb,Rd} , B_{pf,Rd} , F_{f,Rd}]$ resistenza a trazione di progetto

Resistenza a taglio dei bulloni $F_{vb,Rd} = 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 94097.0 N

Bull.	$F_{bf,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bf,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	178742.9	94097.0	178742.9	94097.0
2	194285.7	94097.0	375360.0	94097.0
3	194285.7	94097.0	375360.0	94097.0
4	178742.9	94097.0	178742.9	94097.0
5	375360.0	94097.0	194285.7	94097.0
6	375360.0	94097.0	194285.7	94097.0
7	375360.0	94097.0	194285.7	94097.0
8	375360.0	94097.0	194285.7	94097.0
9	178742.9	94097.0	178742.9	94097.0
10	194285.7	94097.0	375360.0	94097.0
11	194285.7	94097.0	375360.0	94097.0
12	178742.9	94097.0	178742.9	94097.0

Legenda

$F_{bf,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bf,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bf,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bf,y,Rd}]$ resistenza a taglio di progetto in direzione y

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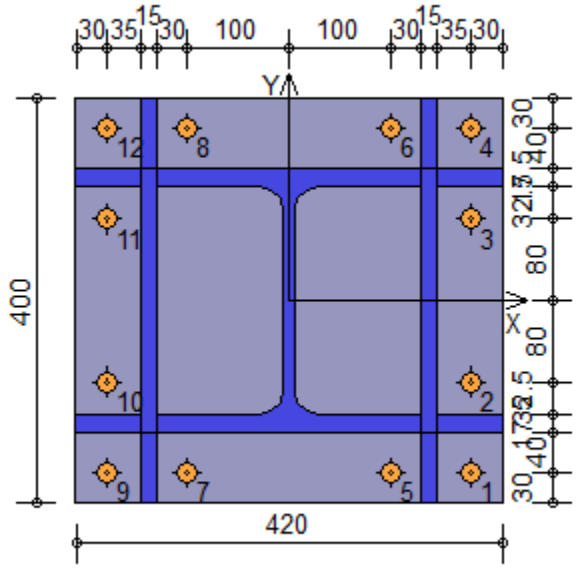

Verifiche sui bulloni

1-Taglio e trazione (Nodo n. 1359, CMB n. 380)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_1	VER
1	180.00	-170.00	765.3	94097.0	30315.0	109145.4	0.206525	Ok
2	180.00	-80.00	765.6	94097.0	19103.2	132862.3	0.110838	Ok
3	180.00	80.00	766.1	94097.0	0.0	132862.3	0.008142	Ok
4	180.00	170.00	766.4	94097.0	0.0	109145.4	0.008145	Ok
5	100.00	-170.00	764.2	94097.0	29153.4	116924.6	0.186219	Ok
6	100.00	170.00	765.3	94097.0	0.0	116924.6	0.008133	Ok
7	-100.00	-170.00	761.6	94097.0	26249.5	116924.6	0.168450	Ok
8	-100.00	170.00	762.6	94097.0	0.0	116924.6	0.008105	Ok
9	-180.00	-170.00	760.5	94097.0	25087.9	109145.4	0.172266	Ok
10	-180.00	-80.00	760.8	94097.0	13876.1	132862.3	0.082685	Ok
11	-180.00	80.00	761.3	94097.0	0.0	132862.3	0.008090	Ok
12	-180.00	170.00	761.6	94097.0	0.0	109145.4	0.008093	Ok

2-Trazione (Nodo n. 1359, CMB n. 380)

Bull.	X [mm]	Y [mm]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_2	VER
1	180.00	-170.00	30315.0	109145.4	0.277749	Ok
2	180.00	-80.00	19103.2	132862.3	0.143782	Ok
3	180.00	80.00	0.0	132862.3	0.000000	Ok
4	180.00	170.00	0.0	109145.4	0.000000	Ok
5	100.00	-170.00	29153.4	116924.6	0.249335	Ok
6	100.00	170.00	0.0	116924.6	0.000000	Ok
7	-100.00	-170.00	26249.5	116924.6	0.224499	Ok
8	-100.00	170.00	0.0	116924.6	0.000000	Ok
9	-180.00	-170.00	25087.9	109145.4	0.229857	Ok
10	-180.00	-80.00	13876.1	132862.3	0.104439	Ok
11	-180.00	80.00	0.0	132862.3	0.000000	Ok
12	-180.00	170.00	0.0	109145.4	0.000000	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone
$F_{v,Rd}$ resistenza a taglio di progetto del bullone
$F_{t,Ed}$ forza di trazione agente sul bullone

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$F_{t,Rd}$ resistenza a trazione di progetto del bullone
$FV_1 = F_{v,Ed} / F_{v,Rd} + F_{t,Ed} / (1.4 \bullet F_{t,Rd})$
$FV_2 = F_{t,Ed} / F_{t,Rd}$
VER $\rightarrow$ $FV_i \leq 1$

Verifiche sulle saldature profilo-flangia (versione beta)
Si considera la sezione di gola (avente altezza $a = s_c / 2^{0.5} = 5.657$) in posizione ribaltata: vengono considerate positive le tensioni normali di trazione e le tensioni tangenziali agenti verso destra e verso il basso. Tutte le tensioni sono espresse in N/mm^2.

Verifica formula (4.2.84) (Nodo n. 1359, CMB n. 381)

Cordoni	Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_\parallel$	FV_1	VER_1
Nerv. verticale lato destro esterno	400.0	-42.73	0.00	0.87	42.74	Ok
Nerv. vert. lato destro interno zona inferiore	62.0	-42.24	0.00	0.87	42.25	Ok
Nerv. vert. lato sinistro interno zona inferiore	62.0	-36.11	0.00	0.87	36.12	Ok
Nerv. verticale lato sinistro esterno	400.0	40.54	0.00	0.87	40.55	Ok
Nerv. orizz. inferiore lato destro esterno	57.0	-31.39	0.00	0.35	31.40	Ok
Ala inferiore esterno	260.0	-26.39	0.00	0.35	26.39	Ok
Nerv. orizz. inferiore lato sinistro esterno	57.0	-22.66	0.00	0.35	22.66	Ok
Nerv. orizz. inferiore lato destro interno	57.0	-27.08	0.00	0.35	27.08	Ok
Ala inferiore interno lato destro	101.0	-25.11	0.00	0.35	25.11	Ok
Ala inferiore interno lato sinistro	101.0	-21.28	0.00	0.35	21.28	Ok
Nerv. orizz. inferiore lato sinistro interno	57.0	-18.34	0.00	0.35	18.35	Ok
Nerv. vert. lato destro interno zona centrale	209.0	-24.05	0.00	0.87	24.07	Ok
Anima lato destro	177.0	-17.95	0.00	0.87	17.97	Ok
Anima lato sinistro	177.0	-17.95	0.00	0.87	17.97	Ok
Nerv. vert. lato sinistro interno zona centrale	209.0	21.86	0.00	0.87	21.88	Ok
Nerv. orizz. superiore lato destro interno	57.0	16.15	0.00	0.35	16.15	Ok
Ala superiore interno lato destro	101.0	19.09	0.00	0.35	19.09	Ok
Ala superiore interno lato sinistro	101.0	22.91	0.00	0.35	22.92	Ok
Nerv. orizz. superiore lato sinistro interno	57.0	24.89	0.00	0.35	24.89	Ok
Nerv. orizz. superiore lato destro esterno	57.0	20.46	0.00	0.35	20.47	Ok
Ala superiore esterno	260.0	27.32	0.00	0.35	27.33	Ok
Nerv. orizz. superiore lato sinistro esterno	57.0	29.20	0.00	0.35	29.20	Ok
Nerv. vert. lato destro interno zona superiore	62.0	33.92	0.00	0.87	33.93	Ok
Nerv. vert. lato sinistro interno zona superiore	62.0	40.04	0.00	0.87	40.05	Ok

Verifica formula (4.2.85) (Nodo n. 1359, CMB n. 381)

Cordoni	Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_\parallel$	FV_2	VER_2
Nerv. verticale lato destro esterno	400.0	-42.73	0.00	0.87	42.73	Ok
Nerv. vert. lato destro interno zona inferiore	62.0	-42.24	0.00	0.87	42.24	Ok
Nerv. vert. lato sinistro interno zona inferiore	62.0	-36.11	0.00	0.87	36.11	Ok
Nerv. verticale lato sinistro esterno	400.0	40.54	0.00	0.87	40.54	Ok
Nerv. orizz. inferiore lato destro esterno	57.0	-31.39	0.00	0.35	31.39	Ok
Ala inferiore esterno	260.0	-26.39	0.00	0.35	26.39	Ok
Nerv. orizz. inferiore lato sinistro esterno	57.0	-22.66	0.00	0.35	22.66	Ok
Nerv. orizz. inferiore lato destro interno	57.0	-27.08	0.00	0.35	27.08	Ok
Ala inferiore interno lato destro	101.0	-25.11	0.00	0.35	25.11	Ok
Ala inferiore interno lato sinistro	101.0	-21.28	0.00	0.35	21.28	Ok
Nerv. orizz. inferiore lato sinistro interno	57.0	-18.34	0.00	0.35	18.34	Ok
Nerv. vert. lato destro interno zona centrale	209.0	-24.05	0.00	0.87	24.05	Ok
Anima lato destro	177.0	-17.95	0.00	0.87	17.95	Ok
Anima lato sinistro	177.0	-17.95	0.00	0.87	17.95	Ok
Nerv. vert. lato sinistro interno zona centrale	209.0	21.86	0.00	0.87	21.86	Ok
Nerv. orizz. superiore lato destro interno	57.0	16.15	0.00	0.35	16.15	Ok
Ala superiore interno lato destro	101.0	19.09	0.00	0.35	19.09	Ok
Ala superiore interno lato sinistro	101.0	22.91	0.00	0.35	22.91	Ok
Nerv. orizz. superiore lato sinistro interno	57.0	24.89	0.00	0.35	24.89	Ok

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Nerv. orizz. superiore lato destro esterno	57.0	20.46	0.00	0.35	20.46	Ok
Ala superiore esterno	260.0	27.32	0.00	0.35	27.32	Ok
Nerv. orizz. superiore lato sinistro esterno	57.0	29.20	0.00	0.35	29.20	Ok
Nerv. vert. lato destro interno zona superiore	62.0	33.92	0.00	0.87	33.92	Ok
Nerv. vert. lato sinistro interno zona superiore	62.0	40.04	0.00	0.87	40.04	Ok

Legenda

$n_\perp$ tensione normale perpendicolare all'asse del cordone

$t_\perp$ tensione tangenziale perpendicolare all'asse del cordone

$\tau_{||}$ tensione tangenziale parallela all'asse del cordone

$FV_1 = (n_\perp^2 + t_\perp^2 + \tau_{||}^2)^{0.5}$

$FV_2 = |n_\perp| + |t_\perp|$

$VER_i \rightarrow FV_i \le \beta_i \cdot f_{yk}$ ($\beta_1 \cdot f_{yk} = 248.50$ N/mm^2 $\beta_2 \cdot f_{yk} = 301.75$ N/mm^2)

Verifiche a flessione piastra in zona compressa

Sezione parallela a X a filo della colonna (Nodo n. 1359, CMB n. 381)

Pressione media a bordo piastra	p_{med} = 5.06 N/mm^2	
Carico lineare sbalzo	q_{lin} = 2127.14 N/mm	
Lunghezza sbalzo	L_s = 70.0 mm	
Modulo di resistenza minimo	W_{min} = 113977.7 mm^3	
Momento resistente	$M_{p,Rd}$ =	38535300.0 N mm
Momento massimo	$M_{p,Ed}$ =	5211501.0 N mm

$M_{p,Ed} / M_{p,Rd}$ = 0.135240 Ok

Sezione parallela a Y a filo della nervatura verticale (Nodo n. 1359, CMB n. 381)

Pressione media a bordo piastra	p_{med} = 3.02 N/mm^2	
Carico lineare sbalzo	q_{lin} = 1207.21 N/mm	
Lunghezza sbalzo	L_s = 65.0 mm	
Modulo di resistenza minimo	W_{min} = 126914.3 mm^3	
Momento resistente	$M_{p,Rd}$ =	42909120.0 N mm
Momento massimo	$M_{p,Ed}$ =	2550231.0 N mm

$M_{p,Ed} / M_{p,Rd}$ = 0.059433 Ok

Verifica del momento di progetto del giunto (Nodo n. 1359, CMB n. 380)

Momento resistente del giunto	$M_{j,Rd}$ =	205726300.0 N mm
Momento di progetto	$M_{j,Ed}$ =	42981540.0 N mm

$M_{j,Ed} / M_{j,Rd}$ = 0.208926 Ok

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Ancoraggio

Tirafondi ad aderenza

Lunghezza tirafondi L_t = 250 mm

Lunghezza minima tirafondi: 40 diametri (800 mm)

Calcestruzzo

Resistenza cubica caratteristica a compressione	R_{ck} =	30.00 N/mm^2
Resistenza cilindrica caratteristica a compressione	$f_{ck} = 0.83 \cdot R_{ck}$ =	24.90 N/mm^2
Resistenza di calcolo a compressione	$f_{cd} = \alpha_{cc} \cdot f_{ck} / \gamma_C$ =	14.11 N/mm^2
Resistenza caratteristica a trazione	$f_{ctk} = 0.7 \cdot 0.30 \cdot f_{ck}^{2/3}$ =	1.79 N/mm^2
Resistenza tangenziale di aderenza di calcolo	$f_{bd} = 2.25 \cdot \eta_1 \cdot \eta_2 \cdot f_{ctk} / \gamma_C$ =	2.69 N/mm^2

Compressione massima calcestruzzo (Nodo n. 1359, CMB n. 381)

p_{max} = 6.04 N/mm^2 < f_{cd} Ok

Verifica ancoraggio

Si considera la massima sollecitazione di trazione agente nei tirafondi (Nodo n. 1359, CMB n. 380)

Trazione di progetto dell'ancoraggio $F_{t,an,Ed} = \max [F_{t,Ed}] =$ 30315.0 N

Resistenza a trazione per aderenza $F_{t,ad,Rd} = L_t \cdot \pi \cdot Ø \cdot f_{bd} =$ 42192.0 N

$F_{t,ad,Rd} > F_{t,an,Ed}$ Ok

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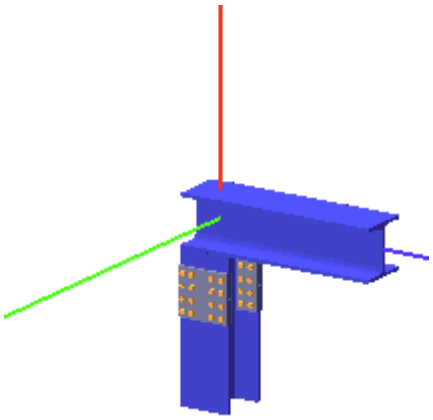
DETTAGLIO P09 - Collegamento colonna HEB260 - trave HEA260 - controvento d16 - trave HEB120

Materiale profili: Acciaio S355 Viti cl. 8.8 Dadi 8 o 10 Diametro 16-20 mm Materiale coprigiunti/piatti: Acciaio S355



Trave 3

Tipo di profilo: HEB 260

Materiale: Acciaio S355 f_y = 355 N/mm^2 f_t = 510 N/mm^2 γ_{ov} = 1.25

Classe sezione: 1

Coefficienti di sicurezza utilizzati

γ_{M0} = 1.05

γ_{M1} = 1.10

γ_{M2} = 1.25

Colonna lato inferiore

Tipo di profilo: HEB 260

Materiale: Acciaio S355 f_y = 355 N/mm^2 f_t = 510 N/mm^2 γ_{ov} = 1.25

Classe sezione: 1

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Coprigiunti:

Materiale: Acciaio S355 f_y = 355 N/mm^2 f_t = 510 N/mm^2 γ_{ov} = 1.25

Coprigiunti ala [mm]: 260.0 x 240.0 x 18 (piastra esterna) + 101.00 x 240.0 x 18 (due piastre interne)

Coprigiunti anima [mm]: 120.0 x 240.0 x 10 (due piastre)

Bullonature:

Viti cl. 8.8 Dadi 8 o 10 (f_{yb} = 640 N/mm^2, f_{tb} = 800 N/mm^2)

Diametro gambo Ø = 16 mm A_{res} = 156.8 mm^2 (ridotta per filettatura)

Diametro dado/testa d_m = 24 mm

Diametro foro $Ø_0$ = 17 mm

Numero superfici di taglio: ala n_{sl} = 2, anima n_{sn} = 2

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):

$S_{j,ini}$ non calcolabile

Sollecitazioni nella sezione d'attacco dell'elemento:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
3357.1	0.2	-1313.9	-16062.6	2772000.0	307.0	-262.0
3357.114	-0.4	3449.2	-20592.0	-8534000.0	-583.0	50.0
3357.126	-0.4	3358.7	-20592.0	-8340000.0	-595.0	-43.0

3357.357	-2356.5	5532.4	-16246.2	-13470000.0	-7391.0	4783.0
3357.373	-7284.4	2785.3	-13509.6	-6894000.0	-14933.0	9088.0
3357.380	8922.7	-2076.8	-2863.6	4674000.0	-12923.0	7665.0
3357.381	-8922.7	2720.1	-14304.4	-6790000.0	12919.0	-10089.0

Calcolo resistenze

Bulloni Ala

Resistenza a taglio dei bulloni $F_{vb,Rd} = n_{sl} \cdot 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 120444.1 N

Bull.	$F_{bc,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bc,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	535354.7	165232.9	120444.1	290880.0	141400.0	120444.1
2	535354.7	165232.9	120444.1	362880.0	211400.0	120444.1
3	535354.7	165232.9	120444.1	362880.0	211400.0	120444.1
4	535354.7	165232.9	120444.1	290880.0	141400.0	120444.1
5	339907.8	280896.0	120444.1	290880.0	141400.0	120444.1
6	339907.8	280896.0	120444.1	362880.0	211400.0	120444.1
7	339907.8	280896.0	120444.1	362880.0	211400.0	120444.1
8	339907.8	280896.0	120444.1	290880.0	141400.0	120444.1

Bulloni Anima

Resistenza a taglio dei bulloni $F_{vb,Rd} = n_{sn} \cdot 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 120444.1 N

Bull.	$F_{bc,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bc,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	302400.0	96000.0	96000.0	192000.0	163200.0	120444.1
2	302400.0	96000.0	96000.0	192000.0	163200.0	120444.1
3	192000.0	163200.0	120444.1	192000.0	163200.0	120444.1
4	192000.0	163200.0	120444.1	192000.0	163200.0	120444.1

Legenda

$F_{bc,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_c / \gamma_{M2}$ resistenza a rifollamento coprigiunto in direzione x

$F_{ba,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_a / \gamma_{M2}$ resistenza a rifollamento ala/anima elemento in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bc,x,Rd} , F_{ba,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bc,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_c / \gamma_{M2}$ resistenza a rifollamento coprigiunto in direzione y

$F_{ba,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_a / \gamma_{M2}$ resistenza a rifollamento ala/anima elemento in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bc,y,Rd} , F_{ba,y,Rd}]$ resistenza a taglio di progetto in direzione y

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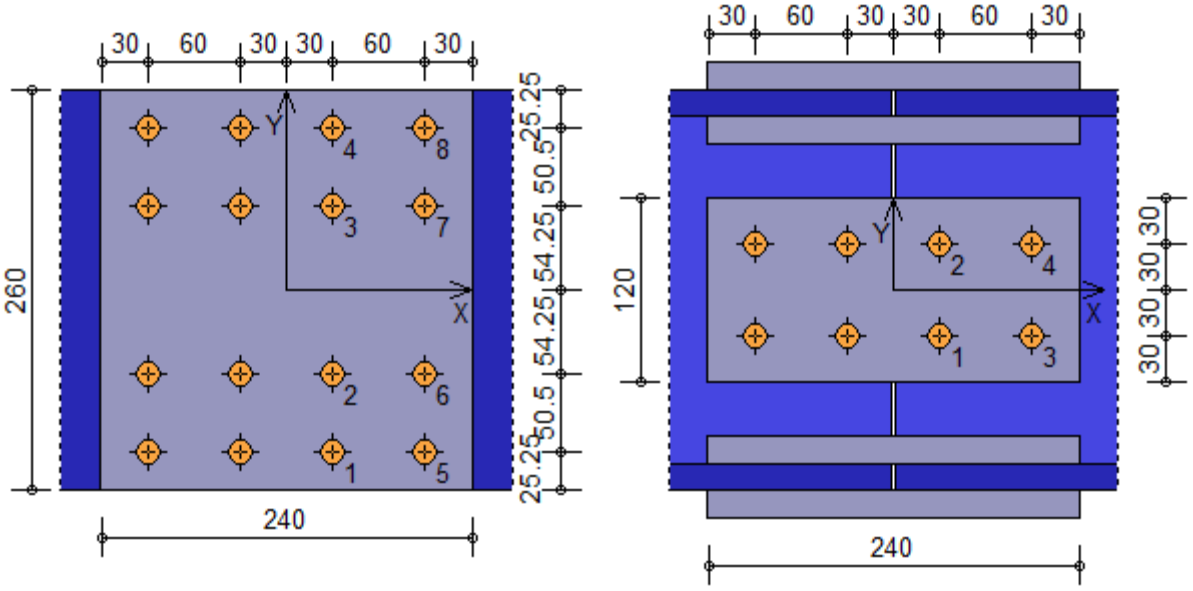

Verifiche a taglio sui bulloni

Bulloni Ala (Nodo n. 3357, CMB n. 357)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	FV	VER
1	30.00	-104.75	11033.3	120444.1	0.091605	Ok
2	30.00	-54.25	5880.6	120444.1	0.048824	Ok
3	30.00	54.25	7432.0	120444.1	0.061705	Ok
4	30.00	104.75	12712.8	120444.1	0.105549	Ok
5	90.00	-104.75	11237.9	120444.1	0.093303	Ok
6	90.00	-54.25	6255.9	120444.1	0.051940	Ok
7	90.00	54.25	7732.4	120444.1	0.064199	Ok
8	90.00	104.75	12890.7	120444.1	0.107026	Ok

Bulloni Anima (Nodo n. 3357, CMB n. 381)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	FV	VER
1	30.00	-30.00	5241.3	120444.1	0.043517	Ok
2	30.00	30.00	4765.8	120444.1	0.039569	Ok
3	90.00	-30.00	2759.8	120444.1	0.022914	Ok
4	90.00	30.00	1690.6	120444.1	0.014036	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone
$F_{v,Rd}$ resistenza a taglio di progetto del bullone
$FV = F_{v,Ed} / F_{v,Rd}$
VER $\rightarrow$ $FV \leq 1$

Controllo influenza fori sul momento resistente

Resistenza a rottura della piattabanda al netto dei fori $N_{u,Rd} = 0.9 \cdot A_{f,net} \cdot f_{tk} / \gamma_{M2} =$ 1233792.0 N

Resistenza plastica della piattabanda lorda $N_{pl,Rd} = A_f \cdot f_{yk} / \gamma_{M0} =$ 1538333.0 N

$N_{u,Rd} \geq N_{pl,Rd}$ $\rightarrow$ 1233792.0 < 1538333.0

E' necessario considerare la presenza dei fori nel calcolo del momento resistente dell'elemento.
Per effettuare la verifica a flessione della sezione forata è necessario eseguire la seguente procedura: nel modello della struttura da cui è stato generato il nodo, selezionare *Dati struttura* $\rightarrow$ *Sezioni*, individuare nell'archivio la sezione corrispondente al profilo utilizzato, selezionare la scheda *Progetto acciaio*, assegnare le proprietà di massa riportate di seguito e riprogettare la struttura.

• Profilo HEB 260 $A_{eff.}$ = 91.20 cm² Jr_{2-2} = 3473.03 cm⁴ Jr_{3-3} = 11382.54 cm⁴

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Verifica dei coprigiunti d'ala

Resistenze

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0} =$	2811600.0 N
Resistenza a rottura della sezione al netto dei fori	$N_{u,Rd} = 0.9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2} =$	2154730.0 N
Resistenza di calcolo a trazione	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}] =$	2154730.0 N
Resistenza di calcolo a compressione	$N_{c,Rd} = N_{pl,Rd} =$	2811600.0 N
Resistenza di calcolo a taglio	$V_{c,Rd} = A_v \cdot f_{yk} / (3^{½} \cdot \gamma_{M0}) =$	1623278.0 N
Resistenza di calcolo a flessione retta	$M_{c,Rd} = W_{pl} \cdot f_{yk} / \gamma_{M0} =$	200579100.0 N mm

Verifica per sforzo normale (Nodo n. 3357, CMB n. 126)

Azione assiale di calcolo $N_{Ed} =$ -8759.0 N

$N_{Ed} / N_{c,Rd} = 0.003115$ Ok

Verifica per taglio (Nodo n. 3357, CMB n. 357)

Azione tagliante di calcolo $V_{Ed} =$ 2766.2 N

$V_{Ed} / V_{c,Rd} = 0.001704$ Ok

Verifica per momento (Nodo n. 3357, CMB n. 357)

Riduzione per effetto dello sforzo normale: $N_{Ed} = 6936.1$ N

$M_{N,Rd} = M_{c,Rd} \cdot \min [1 , (1 - N_{Ed} / N_{pl,Rd}) / 0.75] = 200579100.0$ N mm

Riduzione per effetto del taglio: $V_{Ed} = 2766.2$ N

$V_{Ed} < 0.5 \cdot V_{c,Rd}$ $\rightarrow$ $\rho = 0$

Momento flettente di calcolo M_{Ed} = -6735000.0 N mm

$M_{Ed} / [M_{N,Rd} \cdot (1-\rho)]$ = 0.033578 Ok

Verifica dei coprigiunti d'anima

Resistenze

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0}$ =	811428.6 N
Resistenza a rottura della sezione al netto dei fori	$N_{u,Rd} = 0.9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2}$ =	631584.0 N
Resistenza di calcolo a trazione	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}]$ =	631584.0 N
Resistenza di calcolo a compressione	$N_{c,Rd} = N_{pl,Rd}$ =	811428.6 N
Resistenza di calcolo a taglio	$V_{c,Rd} = A_v \cdot f_{yk} / (3^{½} \cdot \gamma_{M0})$ =	468478.5 N
Resistenza di calcolo a flessione retta	$M_{c,Rd} = W_{pl} \cdot f_{yk} / \gamma_{M0}$ =	24342860.0 N mm

Verifica per sforzo normale (Nodo n. 3357, CMB n. 114)

Azione assiale di calcolo N_{Ed} = -3078.4 N

$N_{Ed} / N_{c,Rd}$ = 0.003794 Ok

Verifica per taglio (Nodo n. 3357, CMB n. 380)

Azione tagliante di calcolo V_{Ed} = 8922.7 N

$V_{Ed} / V_{c,Rd}$ = 0.019046 Ok

Verifica per momento (Nodo n. 3357, CMB n. 373)

Riduzione per effetto dello sforzo normale: N_{Ed} = -2019.6 N

$M_{N,Rd} = M_{c,Rd} \cdot \min [1 , (1 - N_{Ed} / N_{pl,Rd}) / 0.75]$ = 24342860.0 N mm

Riduzione per effetto del taglio: V_{Ed} = -7284.4 N

$V_{Ed} < 0.5 \cdot V_{c,Rd} \rightarrow \rho = 0$

Momento flettente di calcolo M_{Ed} = -1518.8 N mm

$M_{Ed} / [M_{N,Rd} \cdot (1-\rho)]$ = 0.000062 Ok

Verifica del momento di progetto del giunto (Nodo n. 3357, CMB n. 357)

Momento resistente del giunto $M_{j,Rd}$ = 138974500.0 N mm

Momento di progetto $M_{j,Ed}$ = 13470000.0 N mm

$M_{j,Ed} / M_{j,Rd}$ = 0.096924 Ok

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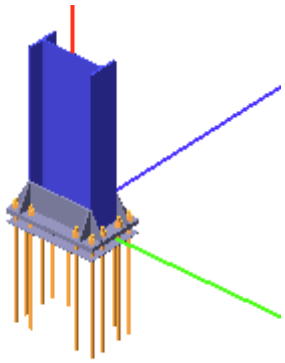
DETTAGLIO P11 - Collegamento colonna portale IPE 400 a terra



Coefficienti di sicurezza utilizzati

γ_{M0} = 1.05

γ_{M1} = 1.10

γ_{M2} = 1.25

Colonna

Tipo di profilo: IPE 400

Materiale: Acciaio S355 f_y = 355 N/mm² f_t = 510 N/mm² γ_{ov} = 1.25
Classe sezione: 1

Flangia:

Materiale: Acciaio S355 f_y = 355 N/mm² f_t = 510 N/mm² γ_{ov} = 1.25
Dimensioni (B x H x Sp): 350.0 x 550.0 x 25.0 mm
Spessore nervature verticali: 13.0 mm
Spessore nervature orizzontali: 13.0 mm

Bullonature:
Viti cl. 8.8 Dadi 8 o 10 (f_{yb} = 640 N/mm², f_{tb} = 800 N/mm²)
Diametro gambo Ø = 20 mm A_{res} = 245.0 mm² (ridotta per filettatura)
Diametro dado/testa d_m = 30 mm
Diametro foro $Ø_0$ = 21 mm

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):
$S_{j,ini}$ non calcolabile

Saldature:

Materiale: Acciaio S355 f_y = 355 N/mm² f_t = 510 N/mm² β_1 = 0.70 β_2 = 0.85
Spessore cordoni d'angolo s_c = 7 mm

Sollecitazioni:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
4562.362	-33175.8	-253.7	103700.0	715708.0	186400000.0	1240.0
4566.360	34709.8	-165.8	-122100.0	444248.0	-187900000.0	-256.0

Calcolo resistenze

Resistenza a trazione dei bulloni $F_{tb,Rd} = 0.9 \cdot f_{tb} \cdot A_{res} / \gamma_{M2}$ = 141145.5 N

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Resistenza a punzonamento flangia $B_{pf,Rd} = 0.6 \cdot \pi \cdot d_m \cdot t_f \cdot f_{tk} / \gamma_{M2}$ = 576796.4 N

Bull.	$F_{f,Rd}$ [N]	$F_{t,Rd}$ [N]
1	163639.8	141145.5
2	198267.0	141145.5
3	198267.0	141145.5
4	163639.8	141145.5
5	167612.8	141145.5
6	167612.8	141145.5
7	167612.8	141145.5
8	167612.8	141145.5
9	163639.8	141145.5
10	198267.0	141145.5
11	198267.0	141145.5
12	163639.8	141145.5

Legenda

$F_{f,Rd} = M_{res,m} / (B_m \cdot R_m)$ resistenza a flessione flangia

$F_{t,Rd} = \min [F_{tb,Rd} , B_{pf,Rd} , F_{f,Rd}]$ resistenza a trazione di progetto

Resistenza a taglio dei bulloni $F_{vb,Rd} = 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2}$ = 94097.0 N

Bull.	$F_{bf,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bf,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	260666.7	94097.0	242857.1	94097.0
2	283333.3	94097.0	510000.0	94097.0
3	283333.3	94097.0	510000.0	94097.0
4	260666.7	94097.0	242857.1	94097.0
5	469200.0	94097.0	242857.1	94097.0
6	469200.0	94097.0	242857.1	94097.0
7	469200.0	94097.0	242857.1	94097.0
8	469200.0	94097.0	242857.1	94097.0
9	260666.7	94097.0	242857.1	94097.0
10	283333.3	94097.0	510000.0	94097.0
11	283333.3	94097.0	510000.0	94097.0
12	260666.7	94097.0	242857.1	94097.0

Legenda

$F_{bf,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bf,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bf,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bf,y,Rd}]$ resistenza a taglio di progetto in direzione y

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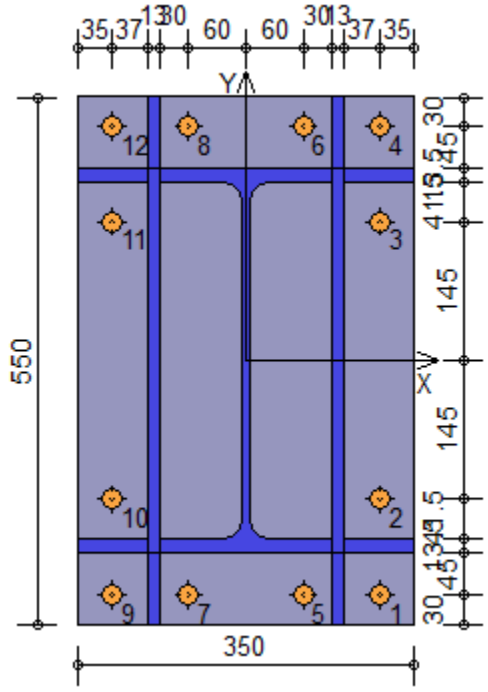

Verifiche sui bulloni

1-Taglio e trazione (Nodo n. 4562, CMB n. 362)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_1	VER
1	140.00	-245.00	2765.0	94097.0	89157.5	141145.5	0.480577	Ok
2	140.00	-145.00	2765.0	94097.0	63240.4	141145.5	0.349421	Ok
3	140.00	145.00	2765.0	94097.0	0.0	141145.5	0.029384	Ok
4	140.00	245.00	2765.0	94097.0	0.0	141145.5	0.029384	Ok
5	60.00	-245.00	2764.8	94097.0	88930.6	141145.5	0.479428	Ok
6	60.00	245.00	2764.8	94097.0	0.0	141145.5	0.029383	Ok
7	-60.00	-245.00	2764.6	94097.0	88590.4	141145.5	0.477704	Ok
8	-60.00	245.00	2764.6	94097.0	0.0	141145.5	0.029381	Ok
9	-140.00	-245.00	2764.5	94097.0	88363.6	141145.5	0.476555	Ok
10	-140.00	-145.00	2764.5	94097.0	62446.6	141145.5	0.345399	Ok
11	-140.00	145.00	2764.5	94097.0	0.0	141145.5	0.029379	Ok
12	-140.00	245.00	2764.5	94097.0	0.0	141145.5	0.029379	Ok

2-Trazione (Nodo n. 4562, CMB n. 362)

Bull.	X [mm]	Y [mm]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_2	VER
1	140.00	-245.00	89157.5	141145.5	0.631671	Ok
2	140.00	-145.00	63240.4	141145.5	0.448051	Ok
3	140.00	145.00	0.0	141145.5	0.000000	Ok
4	140.00	245.00	0.0	141145.5	0.000000	Ok
5	60.00	-245.00	88930.6	141145.5	0.630064	Ok
6	60.00	245.00	0.0	141145.5	0.000000	Ok
7	-60.00	-245.00	88590.4	141145.5	0.627653	Ok
8	-60.00	245.00	0.0	141145.5	0.000000	Ok
9	-140.00	-245.00	88363.6	141145.5	0.626047	Ok
10	-140.00	-145.00	62446.6	141145.5	0.442427	Ok
11	-140.00	145.00	0.0	141145.5	0.000000	Ok
12	-140.00	245.00	0.0	141145.5	0.000000	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone

$F_{v,Rd}$ resistenza a taglio di progetto del bullone

$F_{t,Ed}$ forza di trazione agente sul bullone

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$F_{t,Rd}$ resistenza a trazione di progetto del bullone
$FV_1 = F_{v,Ed} / F_{v,Rd} + F_{t,Ed} / (1.4 \bullet F_{t,Rd})$
$FV_2 = F_{t,Ed} / F_{t,Rd}$
VER $\rightarrow$ $FV_i \leq 1$

Verifiche sulle saldature profilo-flangia (versione beta)
Si considera la sezione di gola (avente altezza $a = s_c / 2^{0.5} = 4.950$) in posizione ribaltata: vengono considerate positive le tensioni normali di trazione e le tensioni tangenziali agenti verso destra e verso il basso. Tutte le tensioni sono espresse in N/mm^2.

Verifica formula (4.2.84) (Nodo n. 4566, CMB n. 360)

Cordoni	Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_\parallel$	FV_1	VER_1
Nerv. verticale lato destro esterno	550.0	-110.05	0.00	2.55	110.08	Ok
Nerv. vert. lato destro interno zona inferiore	68.0	-110.10	0.00	2.55	110.13	Ok
Nerv. vert. lato sinistro interno zona inferiore	68.0	-110.59	0.00	2.55	110.62	Ok
Nerv. verticale lato sinistro esterno	550.0	-110.64	0.00	2.55	110.67	Ok
Nerv. orizz. inferiore lato destro esterno	65.0	-82.52	0.00	-0.03	82.52	Ok
Ala inferiore esterno	180.0	-83.16	0.00	-0.03	83.16	Ok
Nerv. orizz. inferiore lato sinistro esterno	65.0	-83.30	0.00	-0.03	83.30	Ok
Nerv. orizz. inferiore lato destro interno	65.0	-75.73	0.00	-0.03	75.73	Ok
Ala inferiore interno lato destro	64.7	-75.87	0.00	-0.03	75.87	Ok
Ala inferiore interno lato sinistro	64.7	-76.19	0.00	-0.03	76.19	Ok
Nerv. orizz. inferiore lato sinistro interno	65.0	-76.52	0.00	-0.03	76.52	Ok
Nerv. vert. lato destro interno zona centrale	359.0	-73.99	0.00	2.55	74.03	Ok
Anima lato destro	331.0	-68.93	0.00	2.55	68.98	Ok
Anima lato sinistro	331.0	-68.93	0.00	2.55	68.98	Ok
Nerv. vert. lato sinistro interno zona centrale	359.0	-74.47	0.00	2.55	74.51	Ok
Nerv. orizz. superiore lato destro interno	65.0	63.84	0.00	-0.03	63.84	Ok
Ala superiore interno lato destro	64.7	63.51	0.00	-0.03	63.51	Ok
Ala superiore interno lato sinistro	64.7	63.19	0.00	-0.03	63.19	Ok
Nerv. orizz. superiore lato sinistro interno	65.0	63.05	0.00	-0.03	63.05	Ok
Nerv. orizz. superiore lato destro esterno	65.0	70.62	0.00	-0.03	70.62	Ok
Ala superiore esterno	180.0	70.24	0.00	-0.03	70.24	Ok
Nerv. orizz. superiore lato sinistro esterno	65.0	69.84	0.00	-0.03	69.84	Ok
Nerv. vert. lato destro interno zona superiore	68.0	97.91	0.00	2.55	97.94	Ok
Nerv. vert. lato sinistro interno zona superiore	68.0	97.42	0.00	2.55	97.46	Ok

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Verifica formula (4.2.85) (Nodo n. 4566, CMB n. 360)

Cordoni	Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_\parallel$	FV_2	VER_2
Nerv. verticale lato destro esterno	550.0	-110.05	0.00	2.55	110.05	Ok
Nerv. vert. lato destro interno zona inferiore	68.0	-110.10	0.00	2.55	110.10	Ok
Nerv. vert. lato sinistro interno zona inferiore	68.0	-110.59	0.00	2.55	110.59	Ok
Nerv. verticale lato sinistro esterno	550.0	-110.64	0.00	2.55	110.64	Ok
Nerv. orizz. inferiore lato destro esterno	65.0	-82.52	0.00	-0.03	82.52	Ok
Ala inferiore esterno	180.0	-83.16	0.00	-0.03	83.16	Ok
Nerv. orizz. inferiore lato sinistro esterno	65.0	-83.30	0.00	-0.03	83.30	Ok
Nerv. orizz. inferiore lato destro interno	65.0	-75.73	0.00	-0.03	75.73	Ok
Ala inferiore interno lato destro	64.7	-75.87	0.00	-0.03	75.87	Ok
Ala inferiore interno lato sinistro	64.7	-76.19	0.00	-0.03	76.19	Ok
Nerv. orizz. inferiore lato sinistro interno	65.0	-76.52	0.00	-0.03	76.52	Ok
Nerv. vert. lato destro interno zona centrale	359.0	-73.99	0.00	2.55	73.99	Ok
Anima lato destro	331.0	-68.93	0.00	2.55	68.93	Ok
Anima lato sinistro	331.0	-68.93	0.00	2.55	68.93	Ok
Nerv. vert. lato sinistro interno zona centrale	359.0	-74.47	0.00	2.55	74.47	Ok
Nerv. orizz. superiore lato destro interno	65.0	63.84	0.00	-0.03	63.84	Ok
Ala superiore interno lato destro	64.7	63.51	0.00	-0.03	63.51	Ok
Ala superiore interno lato sinistro	64.7	63.19	0.00	-0.03	63.19	Ok
Nerv. orizz. superiore lato sinistro interno	65.0	63.05	0.00	-0.03	63.05	Ok

Nerv. orizz. superiore lato destro esterno	65.0	70.62	0.00	-0.03	70.62	Ok
Ala superiore esterno	180.0	70.24	0.00	-0.03	70.24	Ok
Nerv. orizz. superiore lato sinistro esterno	65.0	69.84	0.00	-0.03	69.84	Ok
Nerv. vert. lato destro interno zona superiore	68.0	97.91	0.00	2.55	97.91	Ok
Nerv. vert. lato sinistro interno zona superiore	68.0	97.42	0.00	2.55	97.42	Ok

Legenda

$n_\perp$ tensione normale perpendicolare all'asse del cordone

$t_\perp$ tensione tangenziale perpendicolare all'asse del cordone

$\tau_{||}$ tensione tangenziale parallela all'asse del cordone

$FV_1 = (n_\perp^2 + t_\perp^2 + \tau_{||}^2)^{0.5}$

$FV_2 = |n_\perp| + |t_\perp|$

$VER_i \rightarrow FV_i \le \beta_i \cdot f_{yk}$ ($\beta_1 \cdot f_{yk} = 248.50$ N/mm^2 $\beta_2 \cdot f_{yk} = 301.75$ N/mm^2)

Verifiche a flessione piastra in zona compressa

Sezione parallela a X a filo della colonna (Nodo n. 4566, CMB n. 360)

Pressione media a bordo piastra	p_{med} = 13.88 N/mm^2	
Carico lineare sbalzo	q_{lin} = 4858.16 N/mm	
Lunghezza sbalzo	L_s = 75.0 mm	
Modulo di resistenza minimo	W_{min} = 209719.4 mm^3	
Momento resistente	$M_{p,Rd}$ =	70905120.0 N mm
Momento massimo	$M_{p,Ed}$ =	13663590.0 N mm

$M_{p,Ed} / M_{p,Rd}$ = 0.192702 Ok

Sezione parallela a Y a filo della nervatura verticale (Nodo n. 4566, CMB n. 360)

Pressione media a bordo piastra	p_{med} = 6.98 N/mm^2	
Carico lineare sbalzo	q_{lin} = 3837.25 N/mm	
Lunghezza sbalzo	L_s = 72.0 mm	
Modulo di resistenza minimo	W_{min} = 218559.3 mm^3	
Momento resistente	$M_{p,Rd}$ =	73893860.0 N mm
Momento massimo	$M_{p,Ed}$ =	9946153.0 N mm

$M_{p,Ed} / M_{p,Rd}$ = 0.134601 Ok

Verifica del momento di progetto del giunto (Nodo n. 4562, CMB n. 362)

Momento resistente del giunto	$M_{j,Rd}$ =	362028500.0 N mm
Momento di progetto	$M_{j,Ed}$ =	208780700.0 N mm

$M_{j,Ed} / M_{j,Rd}$ = 0.576697 Ok

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Ancoraggio

Tirafondi ad aderenza

Lunghezza tirafondi L_t = 600 mm

Lunghezza minima tirafondi: 40 diametri (800 mm)

Calcestruzzo

Resistenza cubica caratteristica a compressione	R_{ck} =	30.00 N/mm^2
Resistenza cilindrica caratteristica a compressione	$f_{ck} = 0.83 \cdot R_{ck}$ =	24.90 N/mm^2
Resistenza di calcolo a compressione	$f_{cd} = \alpha_{cc} \cdot f_{ck} / \gamma_C$ =	14.11 N/mm^2
Resistenza caratteristica a trazione	$f_{ctk} = 0.7 \cdot 0.30 \cdot f_{ck}^{2/3}$ =	1.79 N/mm^2
Resistenza tangenziale di aderenza di calcolo	$f_{bd} = 2.25 \cdot \eta_1 \cdot \eta_2 \cdot f_{ctk} / \gamma_C$ =	2.69 N/mm^2

Compressione massima calcestruzzo (Nodo n. 4566, CMB n. 360)

p_{max} = 13.95 N/mm^2 < f_{cd} Ok

Verifica ancoraggio

Si considera la massima sollecitazione di trazione agente nei tirafondi (Nodo n. 4562, CMB n. 362)

Trazione di progetto dell'ancoraggio $F_{t,an,Ed} = \max [F_{t,Ed}] =$ 89157.5 N

Resistenza a trazione per aderenza $F_{t,ad,Rd} = L_t \cdot \pi \cdot Ø \cdot f_{bd} =$ 101260.8 N

$F_{t,ad,Rd} > F_{t,an,Ed}$ Ok

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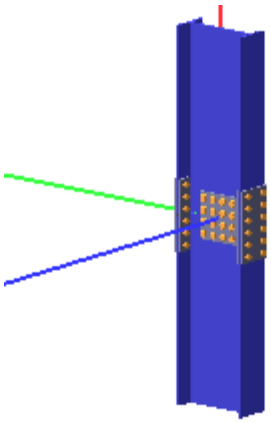
DETTAGLIO P12 - Collegamento portale IPE400 - IPE400



Coefficienti di sicurezza utilizzati

γ_{M0} = 1.05

γ_{M1} = 1.10

γ_{M2} = 1.25

Colonna

Tipo di profilo: IPE 400

Materiale: Acciaio S355 f_y = 355 N/mm^2 f_t = 510 N/mm^2 γ_{ov} = 1.25
Classe sezione: 1

Coprigiunti:

Materiale: Acciaio S355 f_y = 355 N/mm^2 f_t = 510 N/mm^2 γ_{ov} = 1.25
Coprigiunti ala [mm]: 180.0 x 360.0 x 14 (piastra esterna) + 64.70 x 360.0 x 14 (due piastre interne)
Coprigiunti anima [mm]: 240.0 x 240.0 x 9 (due piastre)

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Bullonature:
Viti cl. 8.8 Dadi 8 o 10 (f_{yb} = 640 N/mm^2, f_{tb} = 800 N/mm^2)
Diametro gambo Ø = 20 mm A_{res} = 245.0 mm^2 (ridotta per filettatura)
Diametro dado/testa d_m = 30 mm
Diametro foro $Ø_0$ = 21 mm
Numero superfici di taglio: ala n_{sl} = 2, anima n_{sn} = 2

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):
$S_{j,ini}$ non calcolabile

Sollecitazioni:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
4575.161	4690.5	-49.5	-44799.9	115974.0	-14880000.0	-369.0
4575.359	30542.3	-37.4	-130800.0	61559.0	-88850000.0	-2040.0
4575.362	-30646.4	22.8	83428.0	-19906.0	91990000.0	1240.0
4575.371	-6467.5	-84.5	-247900.0	109882.0	20120000.0	1061.0
4575.374	6346.1	69.9	200600.0	-68229.0	-16910000.0	-1648.0

Calcolo resistenze

Bulloni Ala

Resistenza a taglio dei bulloni $F_{vb,Rd} = n_{sl} \cdot 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2}$ = 188194.0 N

Bull.	$F_{bc,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bc,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]

1	401200.0	131142.9	131142.9	269758.7	130062.2	130062.2
2	401200.0	131142.9	131142.9	269758.7	130062.2	130062.2
3	401200.0	193435.7	188194.0	269758.7	130062.2	130062.2
4	401200.0	193435.7	188194.0	269758.7	130062.2	130062.2
5	272000.0	275400.0	188194.0	269758.7	141372.0	141372.0
6	272000.0	275400.0	188194.0	269758.7	141372.0	141372.0

Bulloni Anima

Resistenza a taglio dei bulloni $F_{vb,Rd} = n_{sn} \cdot 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 188194.0 N

Bull.	$F_{bc,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bc,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	237281.1	83542.9	83542.9	160868.6	161404.8	160868.6
2	237281.1	76859.4	76859.4	237281.1	113367.7	113367.7
3	237281.1	76859.4	76859.4	237281.1	113367.7	113367.7
4	237281.1	83542.9	83542.9	160868.6	161404.8	160868.6
5	160868.6	175440.0	160868.6	160868.6	175440.0	160868.6
6	160868.6	161404.8	160868.6	237281.1	123225.7	123225.7
7	160868.6	161404.8	160868.6	237281.1	123225.7	123225.7
8	160868.6	175440.0	160868.6	160868.6	175440.0	160868.6

Legenda

$F_{bc,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_c / \gamma_{M2}$ resistenza a rifollamento coprigiunto in direzione x

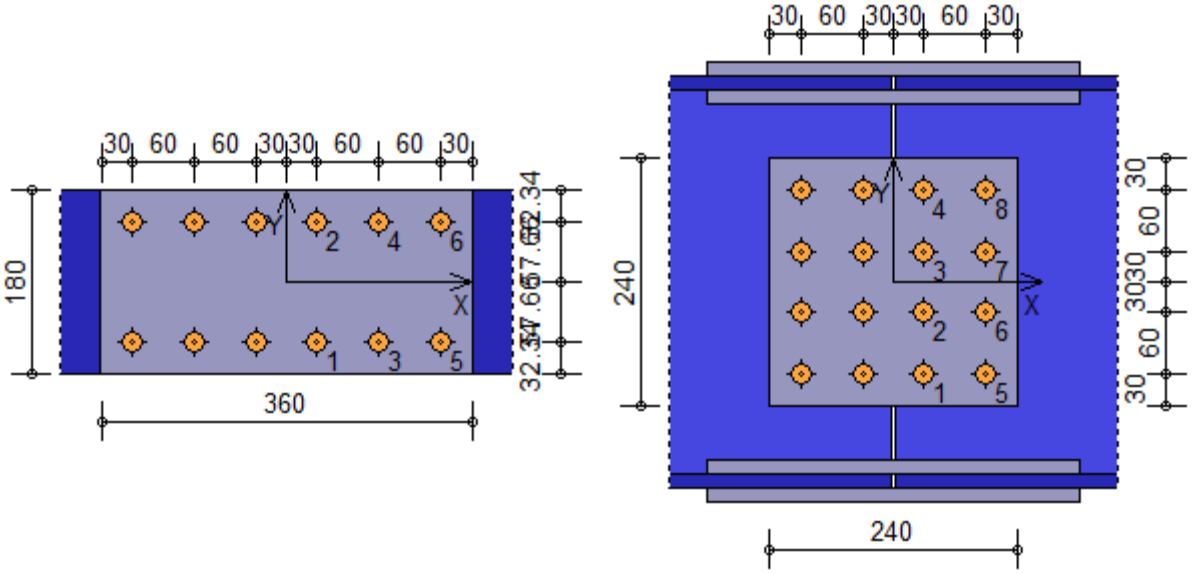
$F_{ba,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_a / \gamma_{M2}$ resistenza a rifollamento ala/anima elemento in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bc,x,Rd} , F_{ba,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bc,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_c / \gamma_{M2}$ resistenza a rifollamento coprigiunto in direzione y

$F_{ba,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_a / \gamma_{M2}$ resistenza a rifollamento ala/anima elemento in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bc,y,Rd} , F_{ba,y,Rd}]$ resistenza a taglio di progetto in direzione y



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Verifiche a taglio sui bulloni

Bulloni Ala (Nodo n. 4575, CMB n. 359)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	FV	VER
1	30.00	-57.66	37362.1	131142.9	0.284896	Ok
2	30.00	57.66	37253.1	131142.9	0.284065	Ok
3	90.00	-57.66	37362.0	188194.0	0.198529	Ok
4	90.00	57.66	37253.1	188194.0	0.197950	Ok

5	150.00	-57.66	37362.1	188194.0	0.198530	Ok
6	150.00	57.66	37253.1	188194.0	0.197951	Ok

Bulloni Anima (Nodo n. 4575, CMB n. 359)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	FV	VER
1	30.00	-90.00	42269.9	83542.9	0.505967	Ok
2	30.00	-30.00	19310.0	76859.4	0.251237	Ok
3	30.00	30.00	10428.4	113367.7	0.091988	Ok
4	30.00	90.00	31533.8	83542.9	0.377457	Ok
5	90.00	-90.00	44382.7	160868.6	0.275894	Ok
6	90.00	-30.00	23578.6	160868.6	0.146570	Ok
7	90.00	30.00	17083.0	123225.7	0.138631	Ok
8	90.00	90.00	34314.1	160868.6	0.213305	Ok

Legenda
$F_{v,Ed}$ forza di taglio agente sul bullone
$F_{v,Rd}$ resistenza a taglio di progetto del bullone
$FV = F_{v,Ed} / F_{v,Rd}$
VER $\rightarrow$ $FV \leq 1$

Verifica a trazione sezione forata (Nodo n. 4575, CMB n. 374)

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0} =$	2856905.0 N
Resistenza a rottura della sezione al netto dei fori	$N_{u,Rd} = 0,9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2} =$	2421170.0 N
Resistenza di calcolo a trazione	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}] =$	2421170.0 N
Azione assiale di calcolo	$N_{Ed} =$	200600.0 N

$N_{Ed} / N_{t,Rd} = 0.082853$ Ok

Controllo influenza fori sul momento resistente

Resistenza a rottura della piattabanda al netto dei fori	$N_{u,Rd} = 0.9 \cdot A_{f,net} \cdot f_{tk} / \gamma_{M2} =$	684093.6 N
Resistenza plastica della piattabanda lorda	$N_{pl,Rd} = A_f \cdot f_{yk} / \gamma_{M0} =$	821571.4 N

$N_{u,Rd} \geq N_{pl,Rd}$ $\rightarrow$ 684093.6 < 821571.4

E' necessario considerare la presenza dei fori nel calcolo del momento resistente dell'elemento.
Per effettuare la verifica a flessione della sezione forata è necessario eseguire la seguente procedura: nel modello della struttura da cui è stato generato il nodo, selezionare *Dati struttura → Sezioni*, individuare nell'archivio la sezione corrispondente al profilo utilizzato, selezionare la scheda *Progetto acciaio*, assegnare le proprietà di massa riportate di seguito e riprogettare la struttura.
• Profilo IPE 400 $A_{eff.}$ = 65.94 cm² Jr_{2-2} = 936.37 cm⁴ Jr_{3-3} = 18563.55 cm⁴

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Verifica dei coprigiunti d'ala

Resistenze

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0} =$	1464493.0 N
Resistenza a rottura della sezione al netto dei fori	$N_{u,Rd} = 0.9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2} =$	1158736.0 N
Resistenza di calcolo a trazione	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}] =$	1158736.0 N
Resistenza di calcolo a compressione	$N_{c,Rd} = N_{pl,Rd} =$	1464493.0 N
Resistenza di calcolo a taglio	$V_{c,Rd} = A_v \cdot f_{yk} / (3^{½} \cdot \gamma_{M0}) =$	845525.7 N
Resistenza di calcolo a flessione retta	$M_{c,Rd} = W_{pl} \cdot f_{yk} / \gamma_{M0} =$	73650250.0 N mm

Verifica per sforzo normale (Nodo n. 4575, CMB n. 362)

Azione assiale di calcolo	$N_{Ed} =$	214516.6 N

$N_{Ed} / N_{t,Rd} = 0.185130$ Ok

Verifica per taglio (Nodo n. 4575, CMB n. 371)

Azione tagliante di calcolo	$V_{Ed} =$	-42.3 N

$V_{Ed} / V_{c,Rd} = 0.000050$ Ok

Verifica per momento (Nodo n. 4575, CMB n. 161)

Riduzione per effetto dello sforzo normale: $N_{Ed} = 45079.0$ N

$M_{N,Rd} = M_{c,Rd} \cdot \min [1 , (1 - N_{Ed} / N_{pl,Rd}) / 0.75] = 73650250.0$ N mm

Riduzione per effetto del taglio: V_{Ed} = -24.8 N

$V_{Ed} < 0.5 \cdot V_{c,Rd} \rightarrow \rho = 0$

Momento flettente di calcolo M_{Ed} = 57987.0 N mm

$M_{Ed} / [M_{N,Rd} \cdot (1-\rho)] = 0.000787$ Ok

Verifica dei coprigiunti d'anima

Resistenze

Resistenza plastica della sezione lorda	$N_{pl,Rd} = A \cdot f_{yk} / \gamma_{M0}$ =	1460572.0 N
Resistenza a rottura della sezione al netto dei fori	$N_{u,Rd} = 0.9 \cdot A_{net} \cdot f_{tk} / \gamma_{M2}$ =	1031098.0 N
Resistenza di calcolo a trazione	$N_{t,Rd} = \min [N_{u,Rd} , N_{pl,Rd}]$ =	1031098.0 N
Resistenza di calcolo a compressione	$N_{c,Rd} = N_{pl,Rd}$ =	1460572.0 N
Resistenza di calcolo a taglio	$V_{c,Rd} = A_v \cdot f_{yk} / (3^{½} \cdot \gamma_{M0})$ =	843261.4 N
Resistenza di calcolo a flessione retta	$M_{c,Rd} = W_{pl} \cdot f_{yk} / \gamma_{M0}$ =	87634290.0 N mm

Verifica per sforzo normale (Nodo n. 4575, CMB n. 374)

Azione assiale di calcolo N_{Ed} = 67577.3 N

$N_{Ed} / N_{t,Rd} = 0.065539$ Ok

Verifica per taglio (Nodo n. 4575, CMB n. 362)

Azione tagliante di calcolo V_{Ed} = -30646.4 N

$V_{Ed} / V_{c,Rd} = 0.036343$ Ok

Verifica per momento (Nodo n. 4575, CMB n. 362)

Riduzione per effetto dello sforzo normale: N_{Ed} = 28104.9 N

$M_{N,Rd} = M_{c,Rd} \cdot \min [1 , (1 - N_{Ed} / N_{pl,Rd}) / 0.75]$ = 87634290.0 N mm

Riduzione per effetto del taglio: V_{Ed} = -30646.4 N

$V_{Ed} < 0.5 \cdot V_{c,Rd} \rightarrow \rho = 0$

Momento flettente di calcolo M_{Ed} = 19770520.0 N mm

$M_{Ed} / [M_{N,Rd} \cdot (1-\rho)] = 0.225603$ Ok

Verifica del momento di progetto del giunto (Nodo n. 4575, CMB n. 362)

Momento resistente del giunto $M_{j,Rd}$ = 436421800.0 N mm

Momento di progetto $M_{j,Ed}$ = 91990000.0 N mm

$M_{j,Ed} / M_{j,Rd} = 0.210782$ Ok

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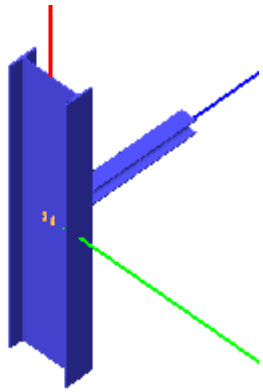
DETTAGLIO P13 - Collegamento portale IPE400 - controventi HEA100



Colonna

Tipo di profilo: IPE 400

Materiale: Acciaio S355 f_y = 355 N/mm² f_t = 510 N/mm² γ_{ov} = 1.25

Classe sezione: 1

Coefficienti di sicurezza utilizzati

γ_{M0} = 1.05

γ_{M1} = 1.10

γ_{M2} = 1.25

Trave lato 3+

Tipo di profilo: HEA 100

Materiale: Acciaio S355 f_y = 355 N/mm² f_t = 510 N/mm² γ_{ov} = 1.25

Classe sezione: 1

Flangia:

Materiale: Acciaio S355 f_y = 355 N/mm² f_t = 510 N/mm² γ_{ov} = 1.25

Dimensioni (B x H x Sp): 100.0 x 96.0 x 15.0 mm

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Bullonature:

Viti cl. 8.8 Dadi 8 o 10 (f_{yb} = 640 N/mm², f_{tb} = 800 N/mm²)

Diametro gambo Ø = 12 mm A_{res} = 84.8 mm² (ridotta per filettatura)

Diametro dado/testa d_m = 19 mm

Diametro foro $Ø_0$ = 13 mm

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):

$S_{j,ini}$ non calcolabile

Saldature:

Materiale: Acciaio S355 f_y = 355 N/mm² f_t = 510 N/mm² β_1 = 0.70 β_2 = 0.85

Spessore cordoni d'angolo s_c = 5 mm

Sollecitazioni nella sezione d'attacco dell'elemento:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
4575.1	256.1	0.0	10.3	0.0	0.0	0.0
4575.376	189.7	0.0	65714.7	0.0	0.0	0.0

Calcolo resistenze

Resistenza a trazione dei bulloni — $F_{tb,Rd} = 0.9 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 48858.1 N

Resistenza a punzonamento flangia — $B_{pf,Rd} = 0.6 \cdot \pi \cdot d_m \cdot t_f \cdot f_{tk} / \gamma_{M2} =$ 219182.6 N

Resistenza a punzonamento anima passante — $B_{pa,Rd} = 0.6 \cdot \pi \cdot d_m \cdot t_a \cdot f_{tk} / \gamma_{M2} =$ 125664.7 N

Bull.	$F_{f,Rd}$ [N]	$F_{t,Rd}$ [N]
1	63266.1	48858.1
2	63266.1	48858.1
3	63266.1	48858.1
4	63266.1	48858.1

Legenda

$F_{f,Rd} = M_{res,m} / (B_m \cdot R_m)$ resistenza a flessione flangia

$F_{t,Rd} = \min [F_{tb,Rd} , B_{pf,Rd} , B_{pa,Rd} , F_{f,Rd}]$ resistenza a trazione di progetto

Resistenza a taglio dei bulloni — $F_{vb,Rd} = 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 32572.0 N

Bull.	$F_{bf,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bf,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	103569.2	105264.0	32572.0	141230.8	105264.0	32572.0
2	103569.2	105264.0	32572.0	141230.8	105264.0	32572.0
3	103569.2	105264.0	32572.0	141230.8	105264.0	32572.0
4	103569.2	105264.0	32572.0	141230.8	105264.0	32572.0

Legenda

$F_{bf,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione x

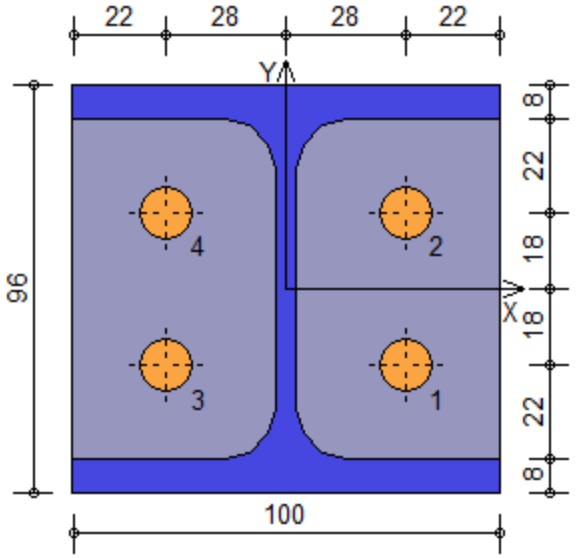
$F_{ba,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_a / \gamma_{M2}$ resistenza a rifollamento anima passante in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bf,x,Rd} , F_{ba,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bf,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione y

$F_{ba,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_a / \gamma_{M2}$ resistenza a rifollamento anima passante in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bf,y,Rd} , F_{ba,y,Rd}]$ resistenza a taglio di progetto in direzione y



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Verifiche sui bulloni

1-Taglio e trazione (Nodo n. 4575, CMB n. 376)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_1	VER
1	28.00	-18.00	47.4	32572.0	16428.7	48858.1	0.241637	Ok

2	28.00	18.00	47.4	32572.0	16428.7	48858.1	0.241637	Ok
3	-28.00	-18.00	47.4	32572.0	16428.7	48858.1	0.241637	Ok
4	-28.00	18.00	47.4	32572.0	16428.7	48858.1	0.241637	Ok

2-Trazione (Nodo n. 4575, CMB n. 376)

Bull.	X [mm]	Y [mm]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_2	VER
1	28.00	-18.00	16428.7	48858.1	0.336253	Ok
2	28.00	18.00	16428.7	48858.1	0.336253	Ok
3	-28.00	-18.00	16428.7	48858.1	0.336253	Ok
4	-28.00	18.00	16428.7	48858.1	0.336253	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone
$F_{v,Rd}$ resistenza a taglio di progetto del bullone
$F_{t,Ed}$ forza di trazione agente sul bullone
$F_{t,Rd}$ resistenza a trazione di progetto del bullone
$FV_1 = F_{v,Ed} / F_{v,Rd} + F_{t,Ed} / (1.4 \bullet F_{t,Rd})$
$FV_2 = F_{t,Ed} / F_{t,Rd}$
VER $\rightarrow$ $FV_i \le 1$

Verifiche sulle saldature profilo-flangia (versione beta)

Si considera la sezione di gola (avente altezza $a = s_c / 2^{0.5} = 3.536$) in posizione ribaltata: vengono considerate positive le tensioni normali di trazione e le tensioni tangenziali agenti verso destra e verso il basso. Tutte le tensioni sono espresse in N/mm^2.

Verifica formula (4.2.84) (Nodo n. 4575, CMB n. 376)

Cordoni	Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_\parallel$	FV_1	VER_1
Ala inferiore interno lato destro	35.5	73.18	0.00	0.00	73.18	Ok
Ala inferiore interno lato sinistro	35.5	73.18	0.00	0.00	73.18	Ok
Anima lato destro	56.0	73.18	0.00	0.48	73.18	Ok
Anima lato sinistro	56.0	73.18	0.00	0.48	73.18	Ok
Ala superiore interno lato destro	35.5	73.18	0.00	0.00	73.18	Ok
Ala superiore interno lato sinistro	35.5	73.18	0.00	0.00	73.18	Ok

Verifica formula (4.2.85) (Nodo n. 4575, CMB n. 376)

Cordoni	Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_\parallel$	FV_2	VER_2
Ala inferiore interno lato destro	35.5	73.18	0.00	0.00	73.18	Ok
Ala inferiore interno lato sinistro	35.5	73.18	0.00	0.00	73.18	Ok
Anima lato destro	56.0	73.18	0.00	0.48	73.18	Ok
Anima lato sinistro	56.0	73.18	0.00	0.48	73.18	Ok
Ala superiore interno lato destro	35.5	73.18	0.00	0.00	73.18	Ok
Ala superiore interno lato sinistro	35.5	73.18	0.00	0.00	73.18	Ok

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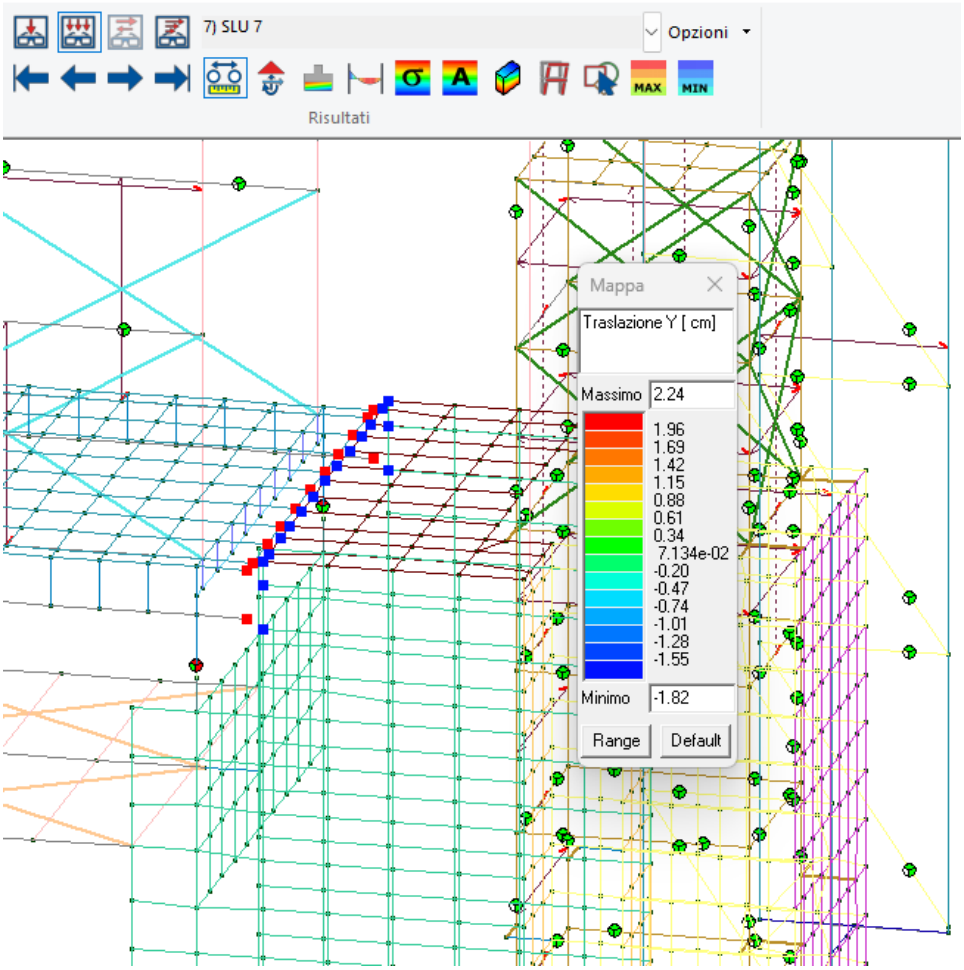
Legenda

$n_\perp$ tensione normale perpendicolare all'asse del cordone
$t_\perp$ tensione tangenziale perpendicolare all'asse del cordone
$\tau_\parallel$ tensione tangenziale parallela all'asse del cordone
$FV_1 = (n_\perp^2 + t_\perp^2 + \tau_\parallel^2)^{0.5}$
$FV_2 = |n_\perp| + |t_\perp|$
$VER_i \rightarrow FV_i \le \beta_i \bullet f_{yk}$ ($\beta_1 \bullet f_{yk} = 248.50$ N/mm^2 $\beta_2 \bullet f_{yk} = 301.75$ N/mm^2)

10.5.13 Verifica giunto impalcato-setti

Si riporta la combinazione con spostamenti maggiori



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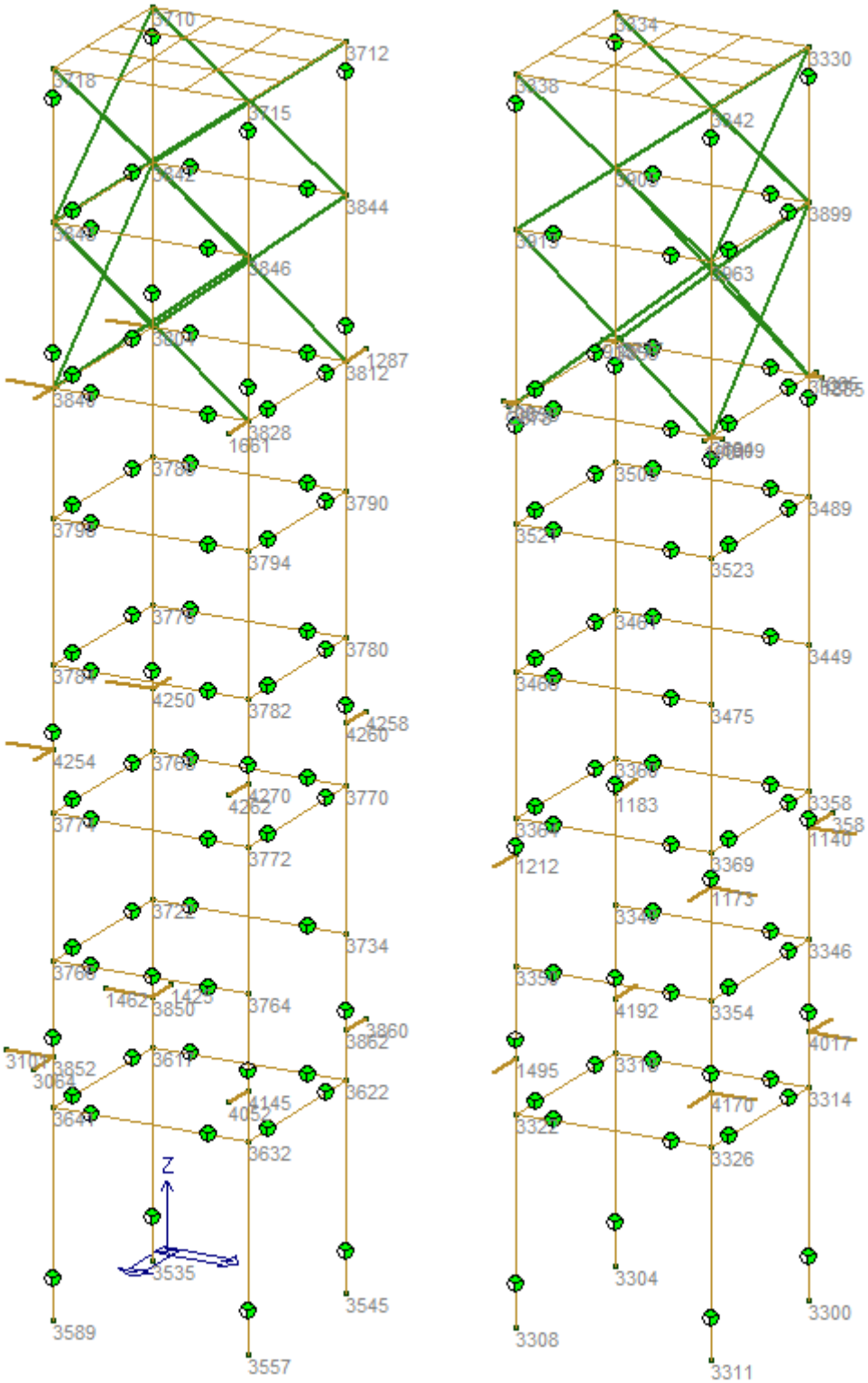
L'ampiezza del giunto richiesta dal modello di calcolo risulta essere 2.24+1.82 = 4.06 cm. Il giunto previsto risulta pari a 5 cm maggiore di quello calcolato con il modello.

11. SCHEMI DI CALCOLO E RISULTATI DELLE ANALISI – ASCENSORI

11.1 NUMERAZIONE ELEMENTI – ASCENSORI



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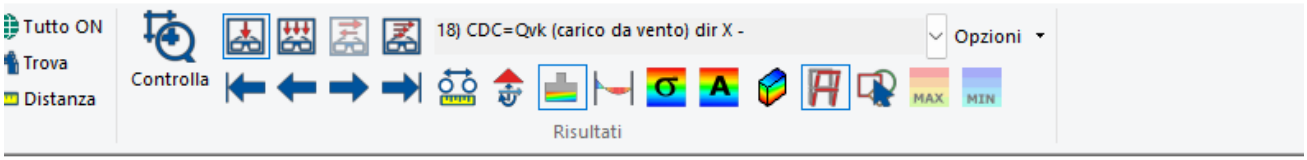
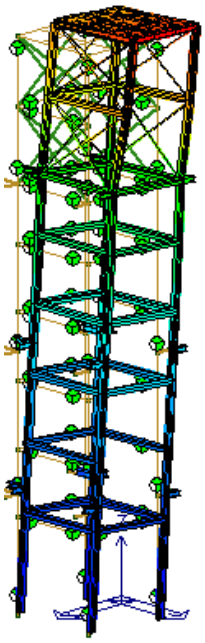
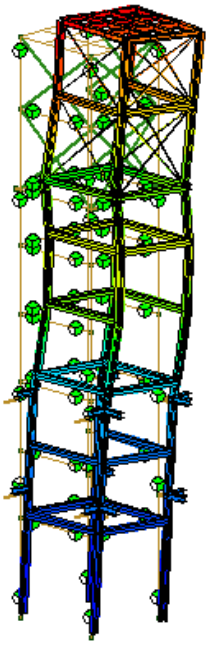
11.2 DIAGRAMMI SOLLECITAZIONI E DEFORMATE

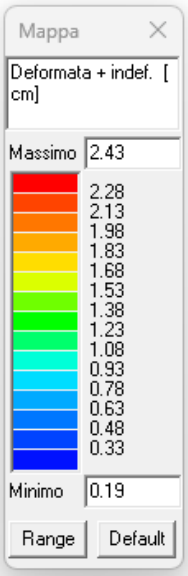
11.2.1 Deformate

Deformata per vento in direzione X









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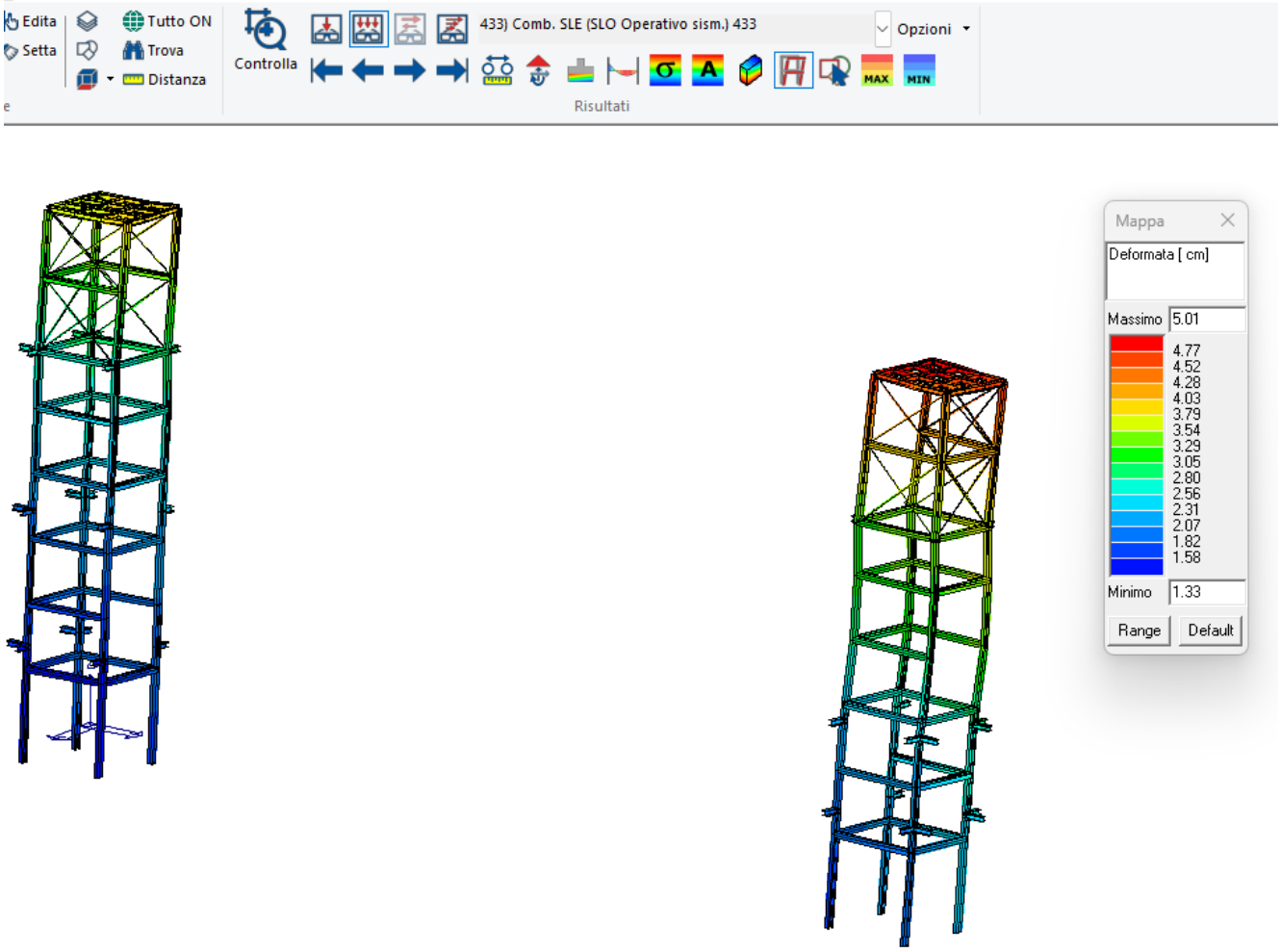
Deformata per vento in direzione SLO



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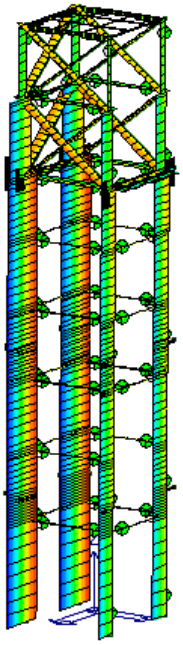
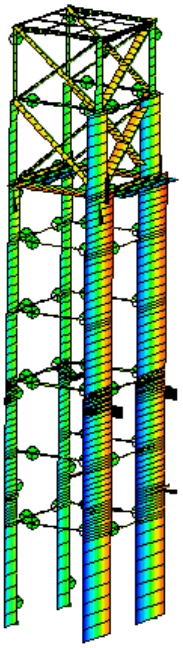
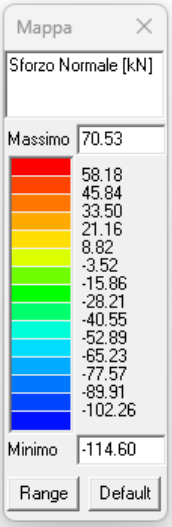
11.2.2 Sollecitazioni telai metallici







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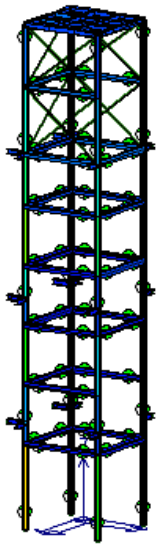
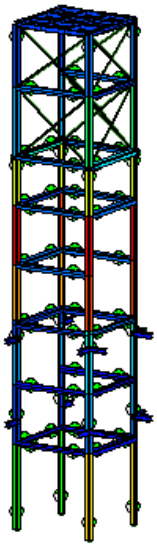
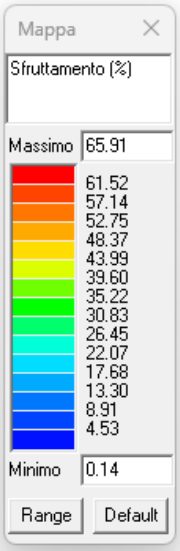
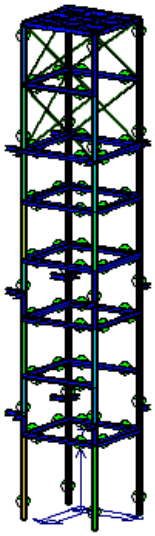
11.3 VERIFICHE

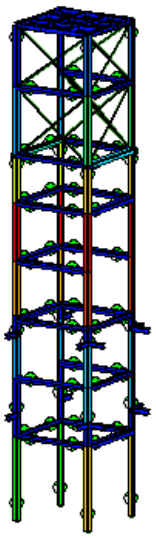
11.3.1 Verifica allo SLU

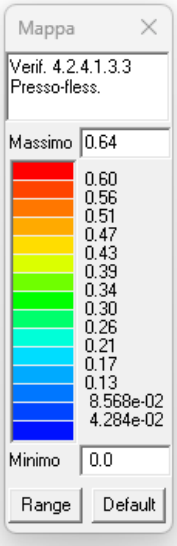












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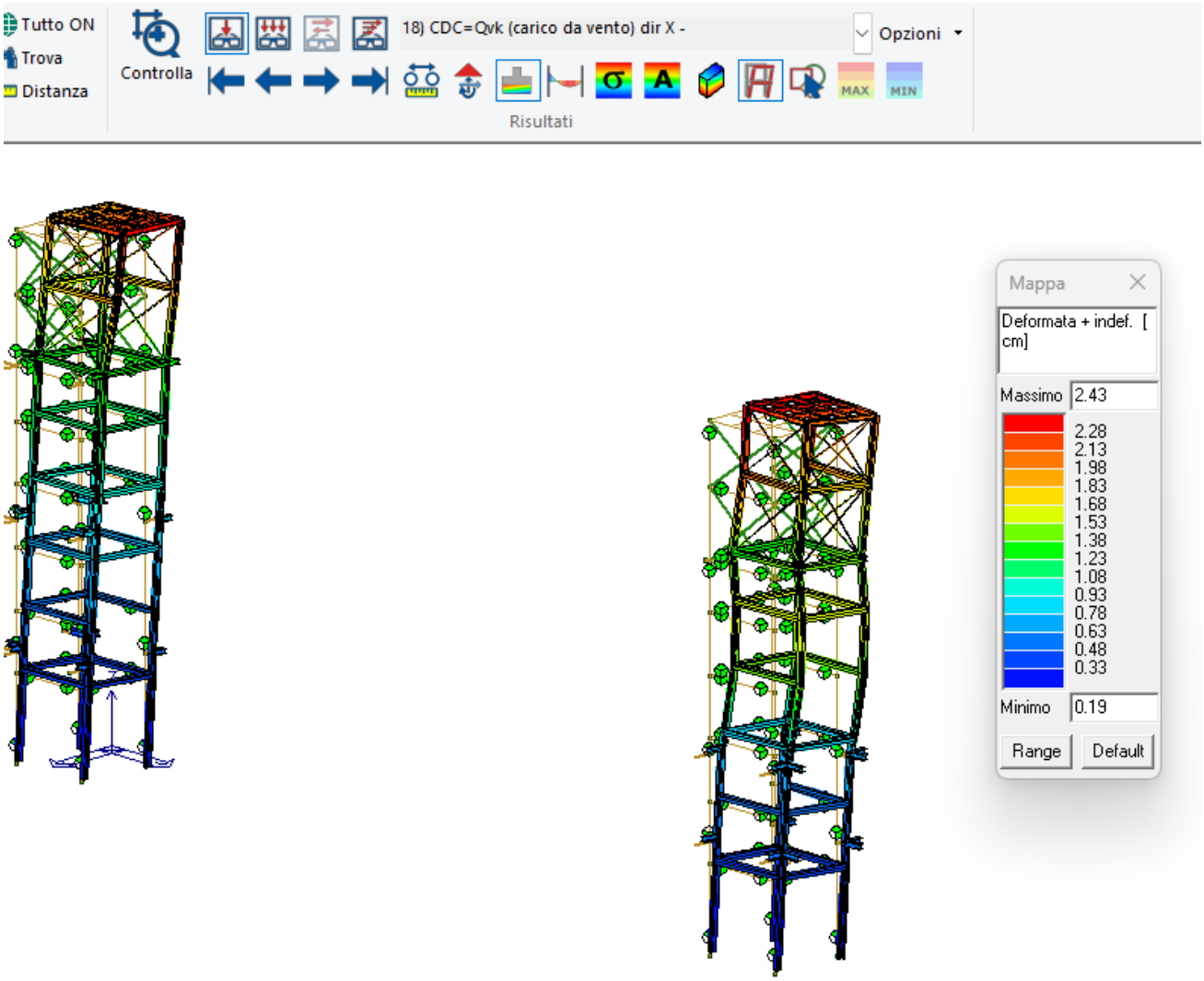
11.3.2 Verifica allo SLD in termini si resistenza

Le verifiche allo SLD in termini di resistenza non sono necessarie in quanto si è progettata la struttura allo SLV con q=1 ottentendo sollecitazioni sempre maggiori rispetto a quello allo SLD

11.3.3 Verifica allo SLE in termini di deformazione

Allo stato limite di esercizio si ottengono le seguenti deformazioni per effetto del vento:

Deformata per vento in direzione X



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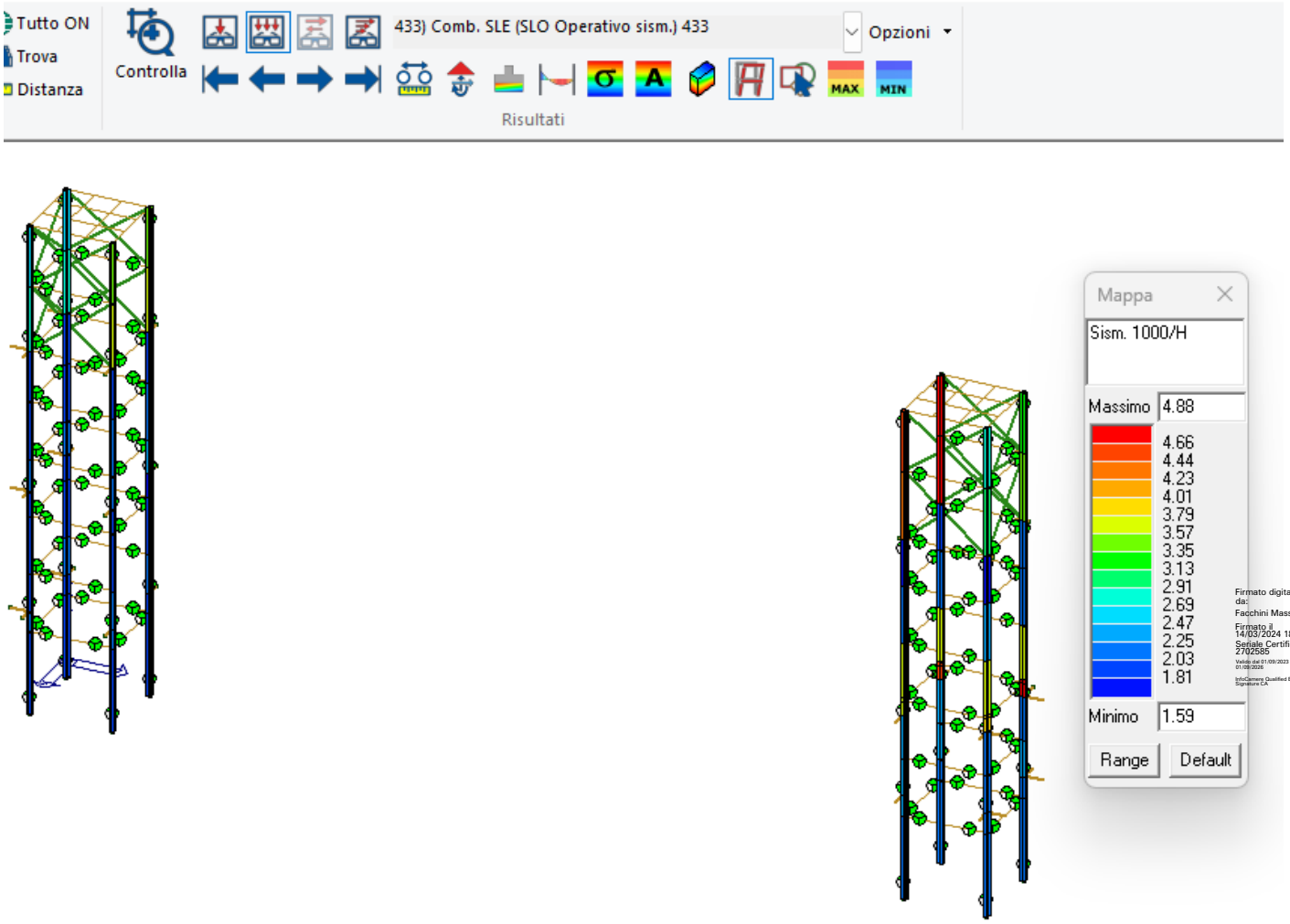
Come si può osservare il drift relativo tra i diversi traversi risulta inferiore a 0.0033 * h ovvero ineriore a 5 mm di spostamento differenziale tra un trasverso e quello successivo. La verifica di operatività risulta pertanto soddisfatta

11.3.4 Verifica allo SLO in termini di deformazione

Come previsto al paragrafo 7.3.6.1 per tipologie di strutture con tamponature di tipo duttile il limite di verifica allo SLO deve rispettare il limite di 2/3 * 0.0075 h ovvero 0.005 h



Il drift massimo ottenuto risulta essere pari a 0.00488 h < del limite normativo

12. VALIDAZIONE DEI RISULTATI OTTENUTI CON IL MODELLO DI CALCOLO

In questo capitolo si riportano le verifiche della correttezza dei risultati ottenuti con il codice di calcolo.
La procedura di validazione prevede il confronto dei principali risultati ottenuti dall'analisi con il software agli elementi finiti rispetto alle valutazioni delle medesime grandezze eseguite con fogli di calcolo e metodologie semplificate.

12.1 VERIFICA PER AZIONI STATICHE

Per valutare la corretta modellazione della struttura e dei carichi di tipo statico applicati si valutano le seguenti grandezze:

- PRESSIONE SUL TERRENO PER COMBINAZIONE SLE
- AZIONE ASSIALE ALLA BASE DEI SETTI PER COMBINAZIONE SLU
- SOLLECITAZIONI SULL'IMPALCATO DELLA PASSERELLA PER COMBINAZIONI SLU
- AZIONI ASSIALE SUGLI APPOGGI DELLA PASSERELLA PER COMBINAZIONI SLU
- AZIONI ORIZZONTALE SUGLI APPOGGI DELLA PASSERELLA PER AZIONE DEL VENTO
- AZIONE DI TAGLIO ALLA BASE DEI SETTI PER EFFETTO DELLA SPINTA DEL TERRENO

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12.1.1 Analisi dei carichi con fogli di calcolo

ANALISI DEI CARICHI STRUTTURA PASSERELLA

	num.	dim1	u.m.	dim2	u.m.	dim3	u.m.	Peso specifico [kN/m^3]	PESO [kN]	TOT PARZ [kN]
PESO PROPRIO OPERE IN C.A. SOTTOSTRUTTURA										
PLATEA DI FONDAZIONE		6.5	m	34.1	m	1.4	m	25	7757.8	
SETTO SP. 100		1	m	6.5	m	8.85	m	25	1438.1	
SETTO SP. 60		0.6	m	9.8	m	5.68	m	25	835.0	
SETTO SP.100		1	m	9.5	m	8.85	m	25	2101.9	
SETTO SP.100		1	m	6.6	m	8.85	m	25	1460.3	
SETTO SP.100		1	m	2.3	m	1.7	m	25	97.8	
SETTO SP.130		1.3	m	1.95	m	10.55	m	25	668.6	
SETTO SP.50		0.5	m	2.8	m	10.55	m	25	369.3	
SETTO SP.80		0.8	m	3.6	m	10.55	m	25	759.6	
TRAVI 100X200	2	1	m	2	m	4.5	m	25	450.0	
SOLETTA SPESSORE 40	1	0.4	m	2.25	m	4.5	m	25	101.3	
										16039.4
PESO PROPRIO OPERE IN C.A. PASSERELLA										
SOLETTA SPESSORE 20 CM		0.2	m	8.3	m	16.9	m	25	701.4	
SOLETTA SPESSORE 20 CM		0.2	m	6.03	m	16.1	m	25	485.4	
										1186.8
PESO PROPRIO CARPENTERIE METALLICHE PASSERELLA										
TRAVI PRINCIPALI IMPALCATO		241	kN						241.0	
TRAVI SECONDARIE IMPALCATO		183	kN						183.0	
TELAI IN ELEVAZIONE		363	kN						363.0	
										787.0
PESO PROPRIO CARPENTERIE CASTELLETTI ASCENSORE										
CASTELLETTI ASCENSORE	2	42.5	kN						85.0	
										85.0
PESO PROPRIO CARPENTERIA PORTALE										
PORTALE	1	56	kN						56.0	
										56.0
								PESO TOTALE	**18154.2**	**kN**

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ANALISI DEI CARICHI STRUTTURA PASSERELLA

TERRENO DI RIEMPIMENTO

	num.	dim1	u.m.	dim2	u.m.	dim3	u.m.	Peso specifico [kN/m^3]	PESO [kN]	TOT PARZ [kN]
RIEMPIMENTO TERRENO PLATEA		35.6	mq	6	m			20	4272.0	
RIEMPIMENTO TERRENO PLATEA		6.38	m	7	m			20	893.2	
										5165.2

PESO TOTALE G1 **5165.2** **kN**

ANALISI DEI CARICHI STRUTTURA PASSERELLA

PASSERELLA

	num.	dim1	u.m.	dim2	u.m.	dim3	u.m.	Peso specifico [kN/m^2]	PESO [kN]	TOT PARZ [kN]
PANNELLI DI COPERTURA SANDWITCH		297	mq					1	297.0	
PANNELLI DI TAMPONATURA		520	mq					1	520.0	
MASSETTO PIU' PAVIMENTAZIONE		8.3	m	16.9	m			1.5	210.4	
MASSETTO PIU' PAVIMENTAZIONE		6.03	m	16.1	m			1.5	145.6	
										1173.0
ASCENSORI										
PANNELLI DI RIVESTIMENTO		80	mq					1	80.0	
										80.0
PORTALE										
PANNELLI DI RIVESTIMENTO		49	mq					1	49.0	
										49.0
RIEMPIMENTI SU PLATEA										
RIEMPIMENTO FINO A LIVELLO BANCHINE	1	41	mq	2.4	m			24	2361.6	
RIEMPIMENTO FINO A LIVELLO BANCHINE	1	41	mq	2.4	m			24	2361.6	
RIEMPIMENTO ZONA BINARI	1	45	mq	1	m			24	1080.0	
BALLAST	1	45	mq	0.8	m			18	648.0	
										6451.2

PESO TOTALE G2 **7753.2** **kN**

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ANALISI DEI CARICHI STRUTTURA PASSERELLA

	num.	dim1	u.m.	dim2	u.m.	dim3	u.m.	Peso specifico [kN/m^2]	PESO [kN]	TOT PARZ [kN]
VARIABILI SU PASSERELLA										
VARIABILE SU PASSERELLA		8.3	m	16.9	m			5	701.4	
VARIABILE SU PASSERELLA		6.03	m	16.1	m			5	485.4	
NEVE		240	mq					0.9	216.0	
										1402.8
VARIABILI SU PLATEA										
AFFOLLAMENTO BANCHINE	2	20	mq					5	200.0	
TRENO LM71 (4x250 spalmati su 6.40 m)	2	1000	kN						2000.0	
										2200.0
								PESO TOTALE Q	**3602.8**	**kN**

12.1.2 Pressione sul terreno per combinazione SLU

CALCOLO MANUALE PRESSIONE MEDIA:

ANALISI DEI CARICHI STATICI			
PESO PROPRIO STRUTTURE		18154.18	kN
PERMANENTI PORTATI		5165.2	kN
PERMANENTI PORTATI G2		7753.23	kN
VARIABILI Q		3602.765	kN
TOTALE COMB SLE		34675.38	kN
TOTALE COMB SLU		48382.23	kN
PRESSIONE MEDIA PLATEA SLE		**1.564**	**kg/cmq**

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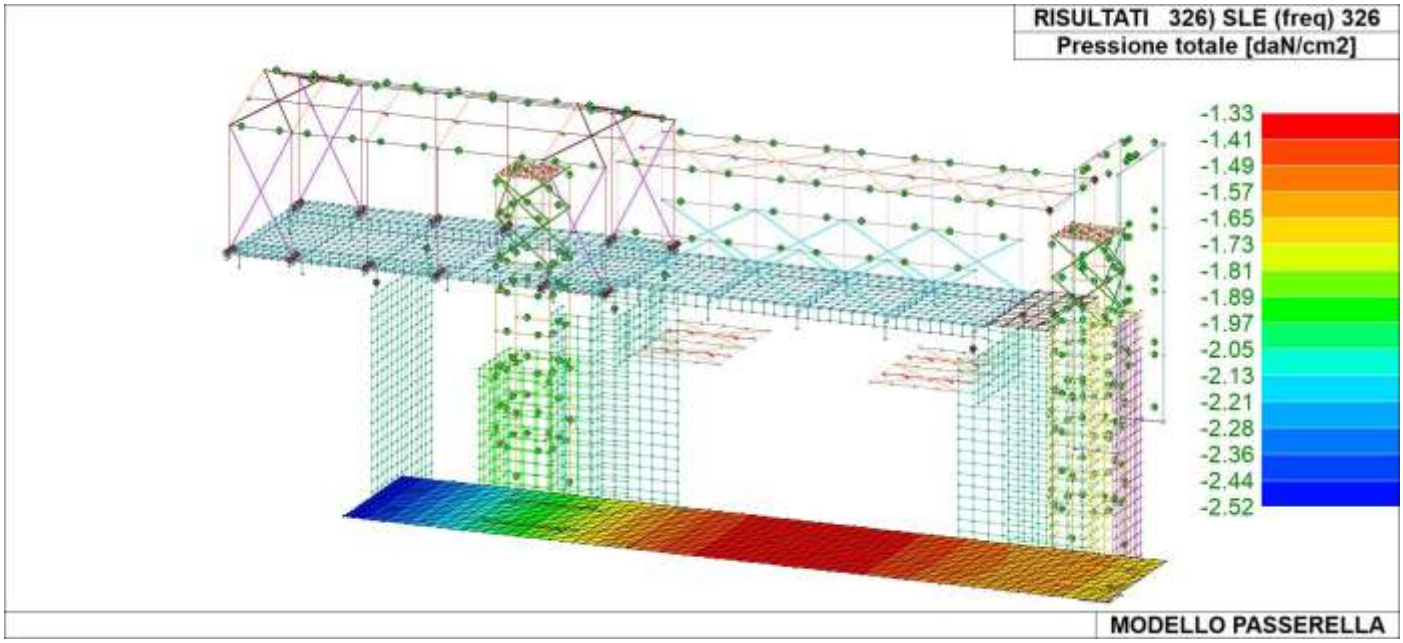
PRESSIONE SUL TERRENO PER CARICHI STATICI SLE CON MODELLO DI CALCOLO:



Come si può osservare la pressione media calcolata con foglio di calcolo pari a 1.56 kg/cmq è confrontabile con i valori ottenuti dal modello di calcolo che presenta pressioni comprese tra 2.52 e 1.33 kg/cmq

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12.1.3 Azione assiale alla base dei setti per combinazione SLU

CALCOLO MANUALE RISULTANTE AZIONE ASSIALE ALLA BASE DEI SETTI:

ANALISI DEI CARICHI STRUTTURE IN ELEVAZIONE				
PESO PROPRIO STRUTTURE			10396.43	kN
PERMANENTI PORTATI G2			1302.03	kN
VARIABILI Q			1402.765	kN
TOTALE COMB SLE			13101.23	kN
TOTALE COMB SLU			**18092.37**	**kN**

RISULTANTE CALCOLATA CON MODELLO DI CALCOLO (SECTION CUT):

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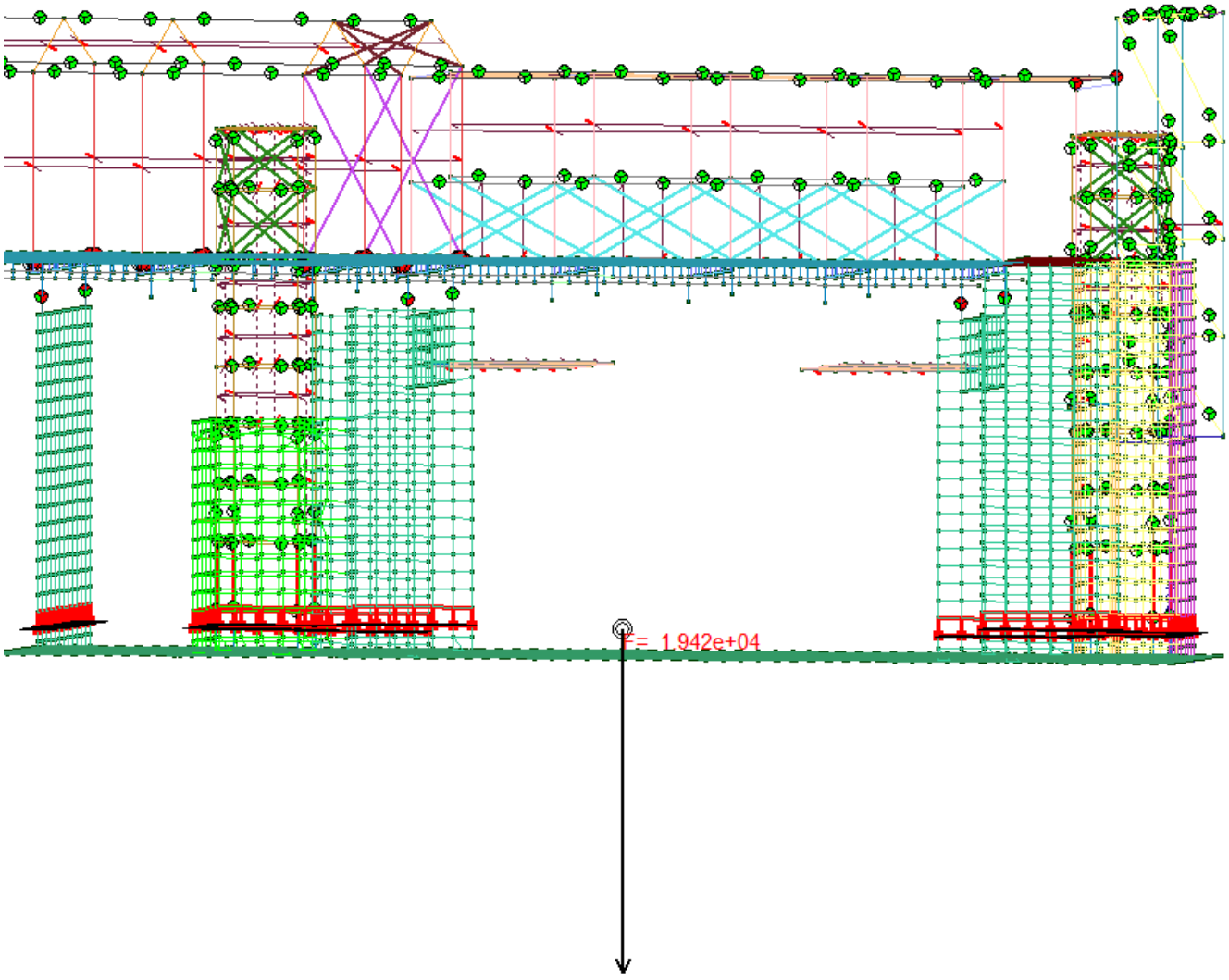

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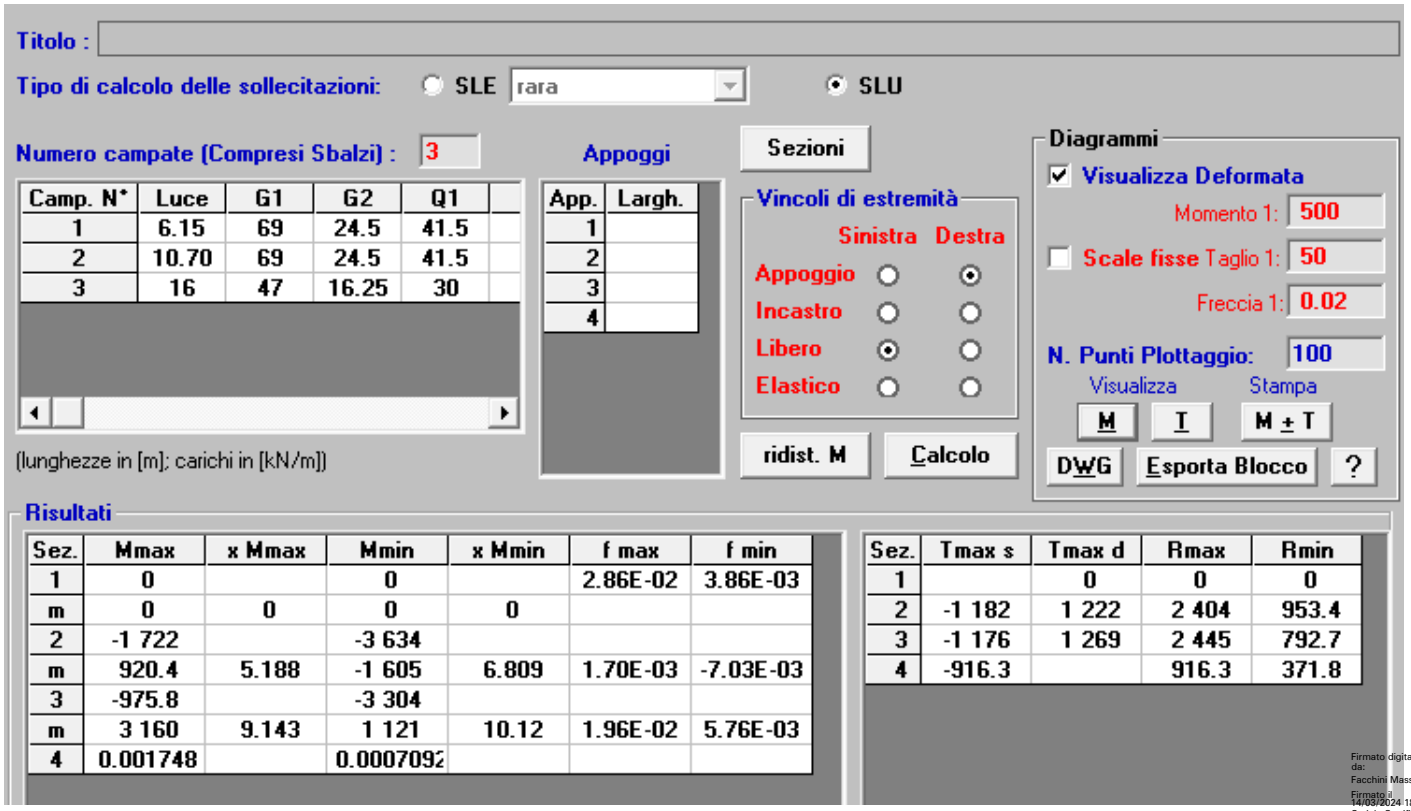
Come si può osservare la risultante calcolata con foglio di calcolo pari a 18092 kN è confrontabile con la risultante ottenuta con il modello di calcolo che risulta essere 19420 kN. La differenza di circa l'8 percento è giustificata dalle approssimazioni geometriche del modello di calcolo (es intersezione tra elementi shell).

12.1.4 Sollecitazioni sull'impalcato della passerella

Per la verifica della sollecitazione agente sull'impalcato della passeralla di adotta lo schema semplificato di trave continua

Si riporta di seguito il risultato del calcolo semplificato



Camp. N°	Luce	G1	G2	Q1
1	6.15	69	24.5	41.5
2	10.70	69	24.5	41.5
3	16	47	16.25	30

App.	Largh.
1	
2	
3	
4	

Sez.	Mmax	x Mmax	Mmin	x Mmin	f max	f min
1	0		0		2.86E-02	3.86E-03
m	0	0	0	0		
2	-1 722		-3 634			
m	920.4	5.188	-1 605	6.809	1.70E-03	-7.03E-03
3	-975.8		-3 304			
m	3 160	9.143	1 121	10.12	1.96E-02	5.76E-03
4	0.001748		0.0007092			

Sez.	Tmax s	Tmax d	Rmax	Rmin
1		0	0	0
2	-1 182	1 222	2 404	953.4
3	-1 176	1 269	2 445	792.7
4	-916.3		916.3	371.8

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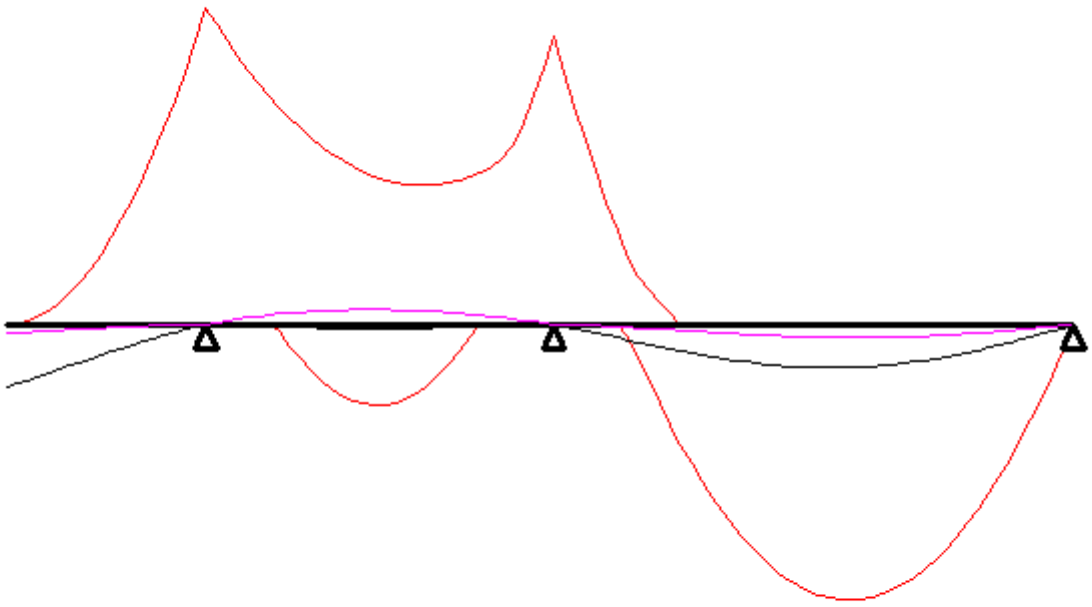
File : VALIDAZIONE PASSERELLA -
Scala momenti 1:500 - Sollecitazioni SLU
Scala Frecce 1:0.02



M min	0		-3 634			-3 304			7.092E-04
M max		0			920.4			3 160	
R max	0		2 404			2 445			916.3
R min	0		953.4			792.7			371.8
f max	2.86E-02				1.70E-03			1.96E-02	
f min	3.86E-03				-7.03E-03			5.76E-03	

Come si può osservare dallo schema semplificato la reazione massima all'appoggio centrale risulta essere 2445 kN mentre il momento flettente all'appoggio risulta essere 3304 kN. Si riportano di seguito i valori ottenuto dal modello di calcolo:

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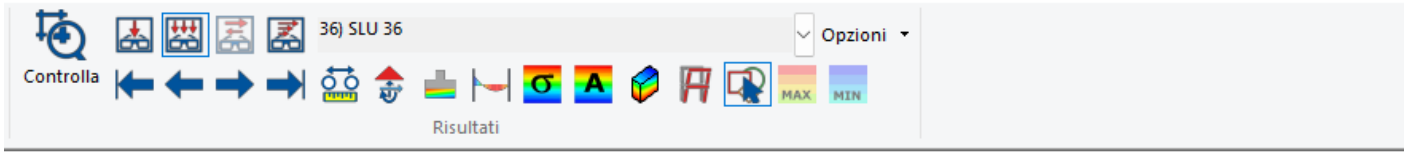

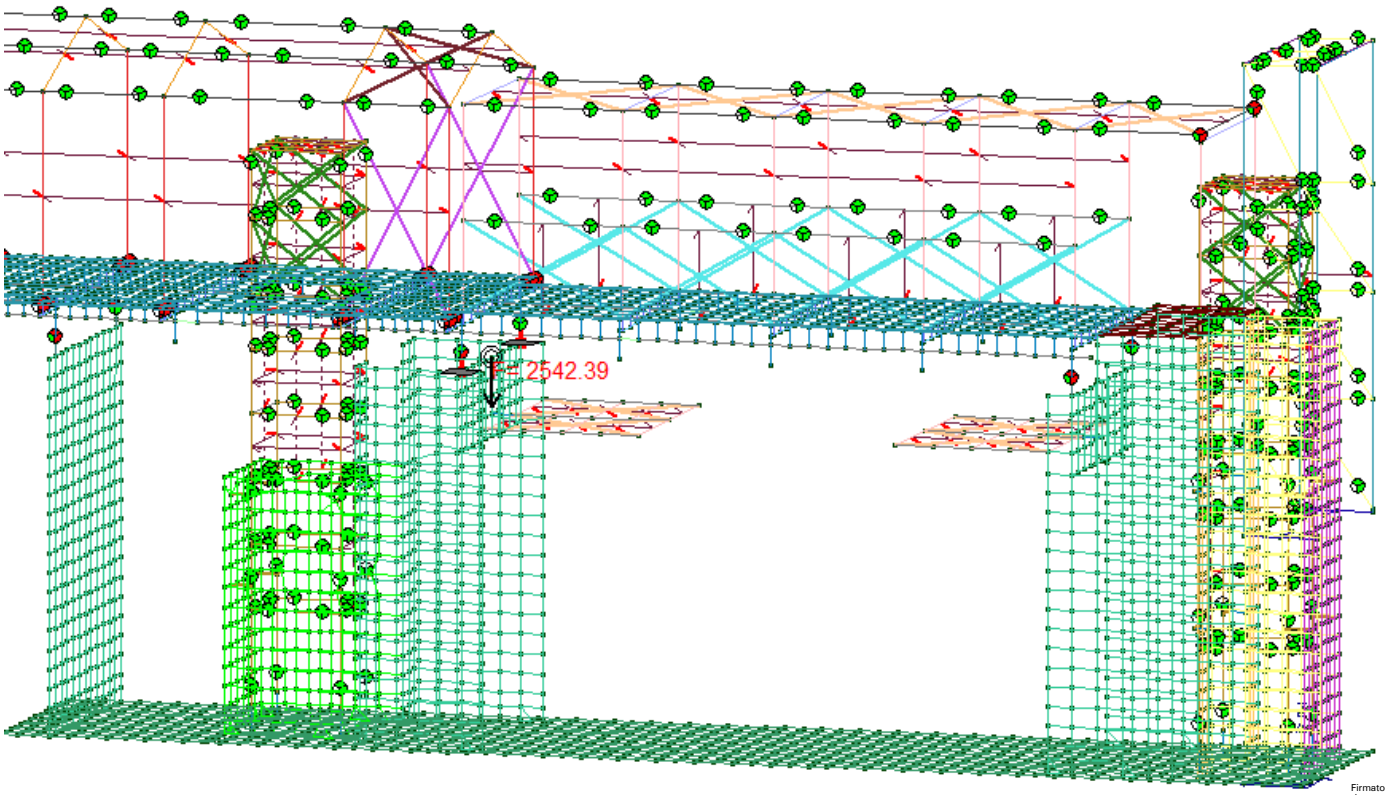

Dal modello di calcolo si ottiene una reazione di 2542 kN del tutto confrontabile con il calcolo semplificato riportato

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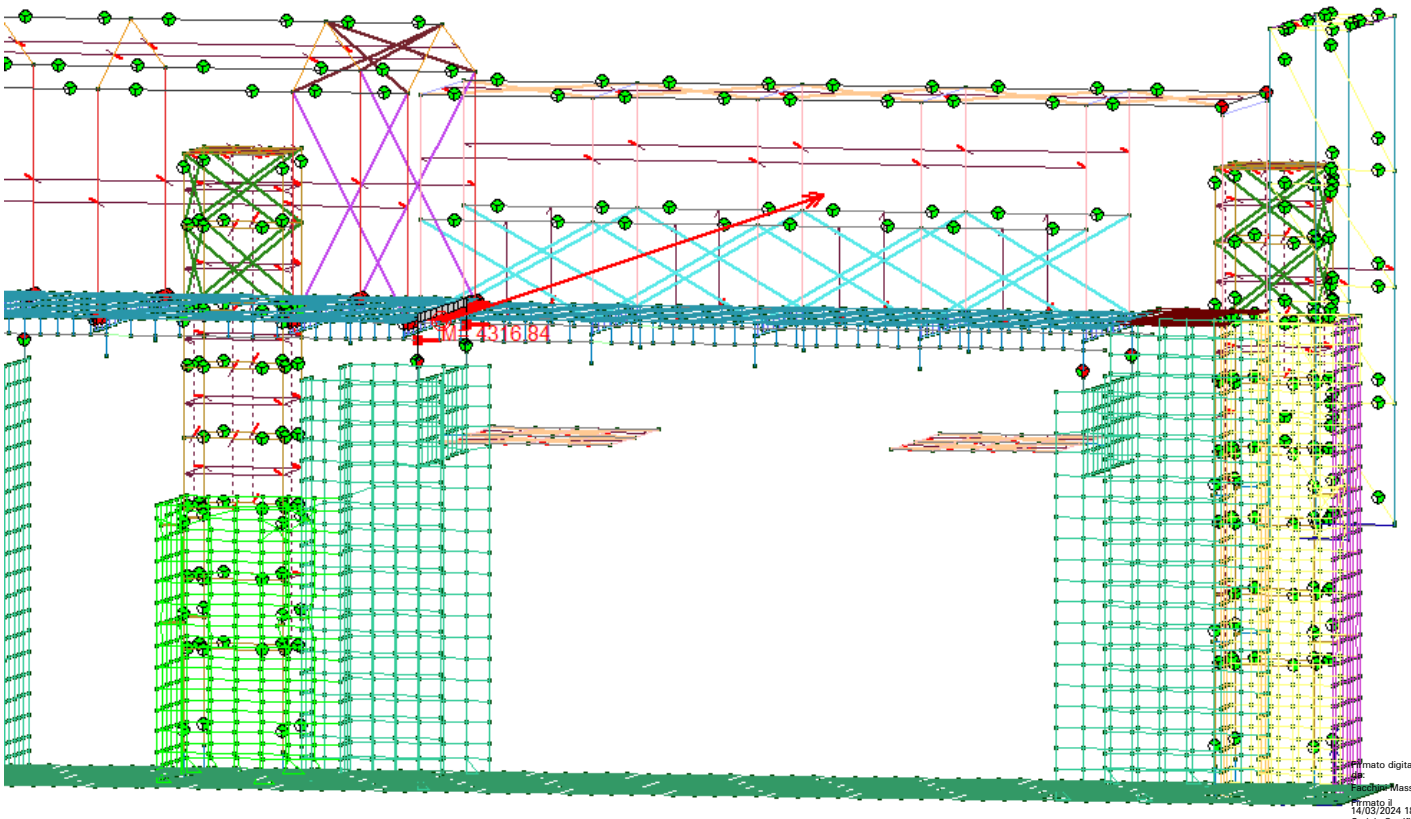


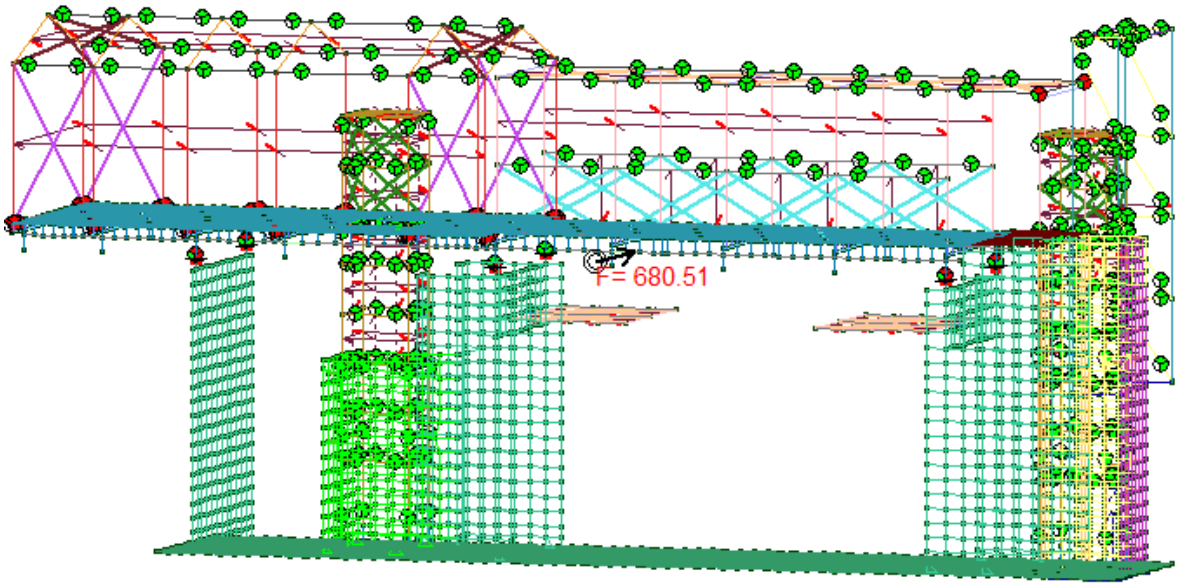
Dal modello di calcolo con la section cut sulla sezione composta dell'impalcato si ottengono 43 kN m, valore superiore a quanto ottenuto dal calcolo semplificato dal quale si ottenevano cieca 3300 kN m. Tale differenza si giustifica con le altre azioni che inducono sollecitazioni flettenti nell'impalcato e che non sono state considerate nel modello di calcolo semplificato quali l'azione termica, il ritiro e le sollecitazioni indotte dalle deformazioni della sottostruttura. Si può concludere pertanto che la modellazione risulta corretta.

12.1.5 Azione orizzontale alla base della passerella per azione del vento

Calcolo manuale azione vento:

VALUTAZIONE AZIONE DEL VENTO			
AREA FACCIATA PASSERELLA		185	m^2
PARETE SOPRAVENTO		160	kg/m^2
PARETE SOTTOVENTO		80	kg/m^2
TOTALE COMB SLU		**666**	**kN**

Azione risultante nel modello di calcolo:



Come si può osservare dal modello di calcolo riusltano 680 kN del tutto confrontabili con il calcolo manuale dal quale risultano 666 kN

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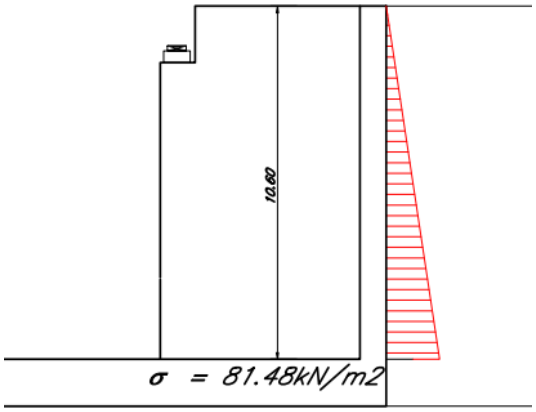
12.1.6 Azione alla base dei setti per spinta del terreno



Calcolo manuale risultante spinta in quiete su parete in c.a.

VALUTAZIONE SPINTA DEL TERRENO IN QUIETE				
LARGHEZZA			6.5	m
ALTEZZA			10.6	m
PRESSIONE ALLA BASE			81.5	kN/m^2
TOTALE COMB SLU			**3650.0**	**kN**

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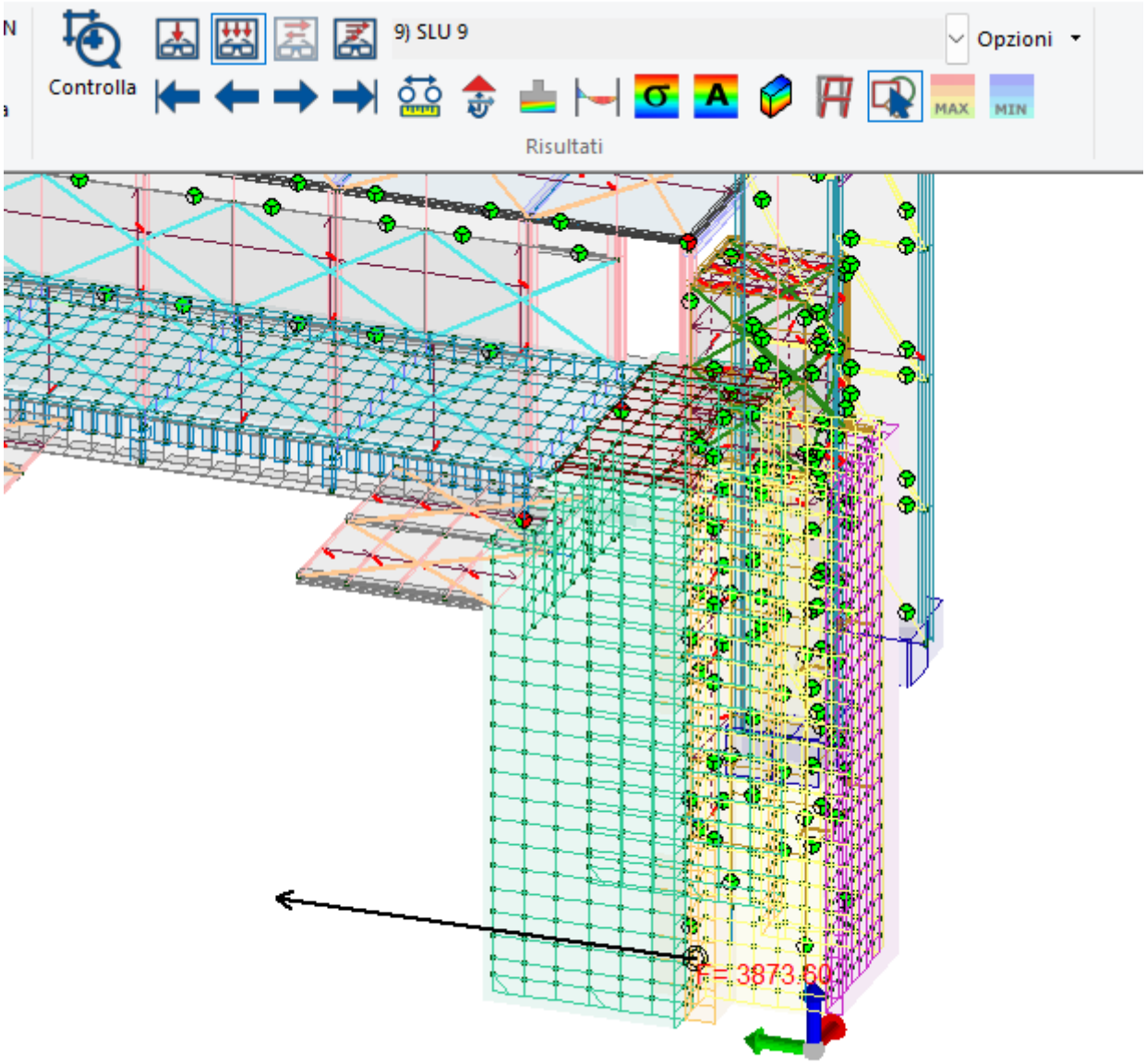
Azione risultante nel modello di calcolo:



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Come si può osservare dal modello di calcolo riusltano 3873 kN del tutto confrontabili con il calcolo manuale dal quale risultano 3650 kN

12.2 VERIFICA PER AZIONI SISMICHE

Per valutare la corretta modellazione della struttura e dei carichi di tipo sismico si valutano le seguenti grandezze:

- MASSA SISMICA RISULTANTE ALLA BASE DEI SETTI
- TAGLIO SISMICO AGENTE ALLA BASE DEI SETTI

12.2.1 Valutazione massa sismica agente alla base dei setti

Calcolo manuale massa sismica alla base dei setti

ANALISI DEI CARICHI STRUTTURE IN ELEVAZIONE				
PESO PROPRIO STRUTTURE			10396.43	kN
PERMANENTI PORTATI G2			1182.03	kN
VARIABILI Q			1402.765	kN
MASSA SISMICA			**12420.12**	**kN**

Massa sismica da modello di calcolo

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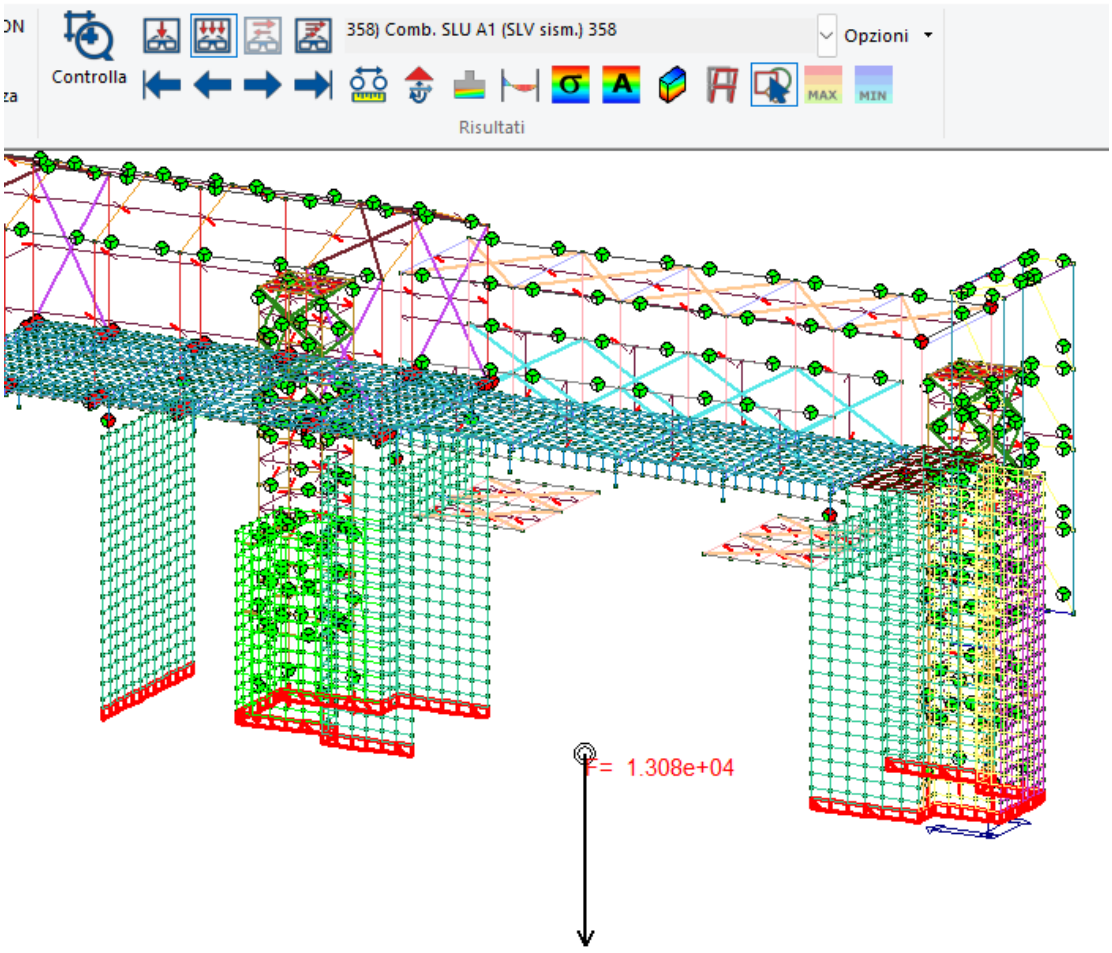

Come si può osservare dal modello di calcolo riusltano 13080 kN del tutto confrontabili con il calcolo manuale dal quale risultano 12420 kN

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12.2.2 Taglio sismico agente alla base dei setti

CALCOLO MANUALE TAGLIO SISMICO

ANALISI DEI CARICHI STRUTTURE IN ELEVAZIONE			
PESO PROPRIO STRUTTURE		10396.43	kN
PERMANENTI PORTATI G2		1182.03	kN
VARIABILI Q		1402.765	kN
MASSA SISMICA		**12420.12**	**kN**
VALUTAZIONE TAGLIO SISMICO IN DIREZIONE X			
ACCELERAZIONE SPETTRO AL PERIODO PRINCIPALE DIR X		0.466	g
PECENTUTALE MASSA CONSIDERATA		0.85	
TAGLIO SISMICO		**4919.609**	**kN**
VALUTAZIONE TAGLIO SISMICO IN DIREZIONE Y			
ACCELERAZIONE SPETTRO AL PERIODO PRINCIPALE DIR X		0.679	g
PECENTUTALE MASSA CONSIDERATA		0.85	
TAGLIO SISMICO		**7168.272**	**kN**

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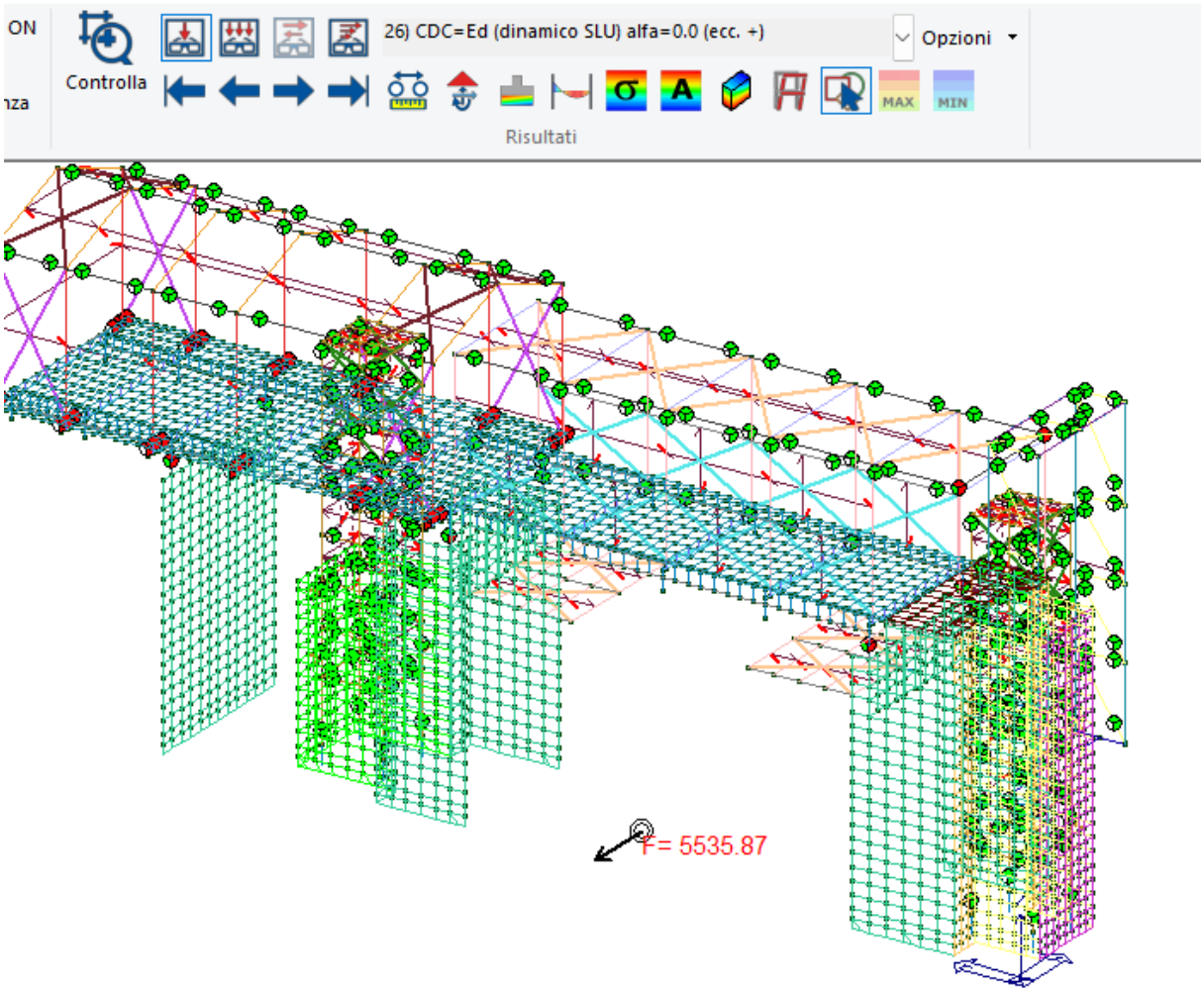
TAGLIO DA MODELLO DI CALCOLO SISMA IN DIREZIONE X



Come si può osservare dal modello di calcolo riusltano 5536 kN confrontabili con il calcolo manuale dal quale risultano 4920 kN

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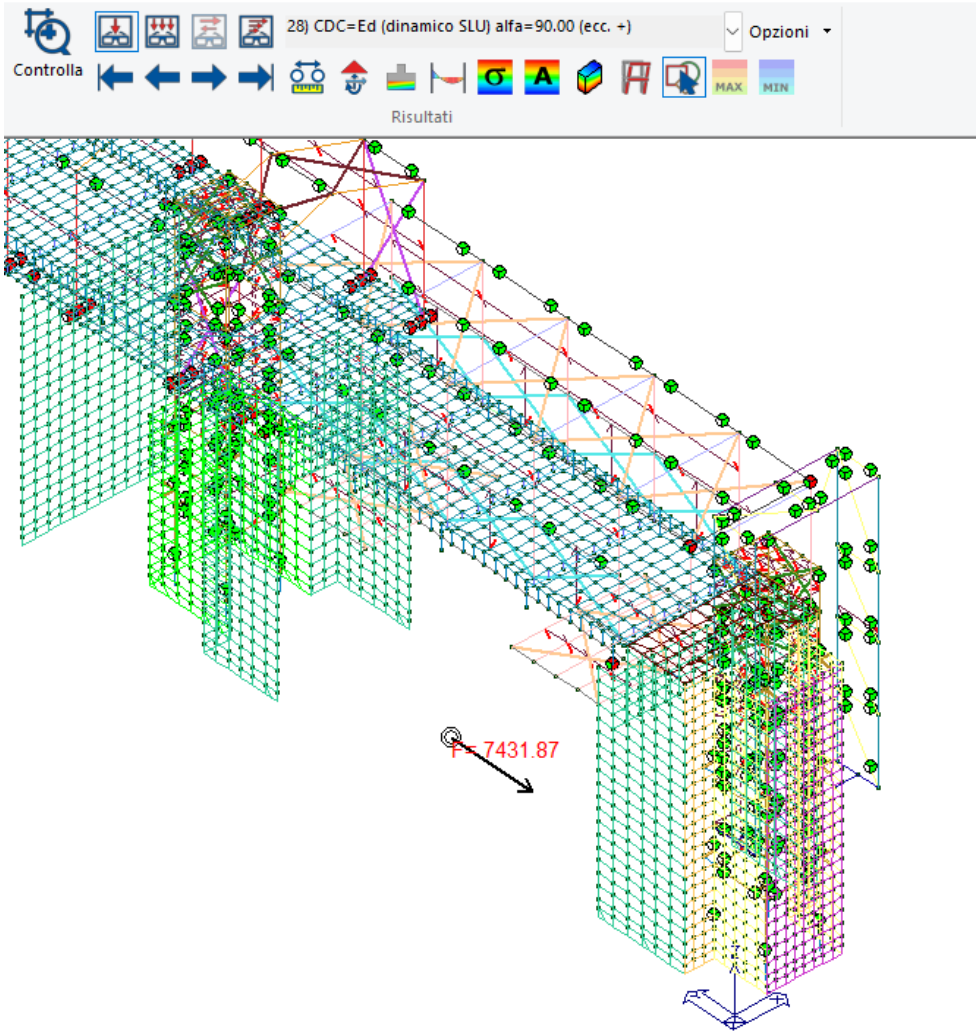
TAGLIO DA MODELLO DI CALCOLO SISMA IN DIREZIONE Y



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Come si può osservare dal modello di calcolo riusltano 7432 kN confrontabili con il calcolo manuale dal quale risultano 7168 kN

13. INCIDENZE ARMATURA

Si riporta una tabella riassuntiva con le incidenze per le opere in c.a.

PASSERELLA	
ELEMENTO STRUTTURALE [-]	INCIDENZA DI PROGETTO [Kg/mc]
SOLATTA LAMIERA	260
SOLATTA SBARCO ASCENSORE	200

14. ALLEGATO FASCICOLO DEI CALCOLI

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FASCICOLO DEI CALCOLI

DIMOSTRAZIONE NUMERICA DELLA SICUREZZA DELL'OPERA E DEL RAGGIUNGIMENTO DELLE PRESTAZIONI ATTESE

Impalcato passerella

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LEGENDA TABELLA STATI LIMITE D' ESERCIZIO 224

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CARATTERISTICHE MATERIALI UTILIZZATI

LEGENDA TABELLA DATI MATERIALI

Il programma consente l'uso di materiali diversi. Sono previsti i seguenti tipi di materiale:

1	materiale tipo cemento armato
2	materiale tipo acciaio
3	materiale tipo muratura
4	materiale tipo legno
5	materiale tipo generico

I materiali utilizzati nella modellazione sono individuati da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni materiale vengono riportati in tabella i seguenti dati:

Young	modulo di elasticità normale E
Poisson	coefficiente di contrazione trasversale ni
G	modulo di elasticità tangenziale
Gamma	peso specifico
Alfa	coefficiente di dilatazione termica
Fattore di confidenza FC m	Fattore di confidenza specifico per materiale; (è riportato solo se diverso da quello globale della struttura)
Fattore di confidenza FC a	Fattore di confidenza specifico per l'armatura (è riportato solo se diverso da quello globale della struttura)
Elasto-plastico	Materiale elastico perfettamente plastico per aste non lineari
Massima compressione	Massima tensione di compressione per aste non lineari
Massima trazione	Massima tensione di trazione per aste non lineari
Fattore attrito	Coefficinete di attrito per aste non lineari
Rapporto HRDb	Rapporto di hardening a flessione
Rapporto HRDv	Rapporto di hardening a taglio

I dati sopraripportati vengono utilizzati per la modellazione dello schema statico e per la determinazione dei carichi inerziali e termici. In relazione al tipo di materiale vengono riportati inoltre:

1	cemento armato		
		Resistenza Rc	resistenza a cmpressione cubica
		Resistenza fctm	resistenza media a trazione semplice
		Coefficiente ksb	Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress block
2	acciaio		
		Tensione ft	Valore della tensione di rottura
		Tensione fy	Valore della tensione di snervamento
		Resistenza fd	Resistenza di calcolo per SL CNR-UNI 10011
		Resistenza fd (>40)	Resistenza di calcolo per SL CNR-UNI 10011 per spessori > 40mm
		Tensione ammissibile	Tensione ammissibile CNR-UNI 10011
		Tensione ammissibile (>40)	Tensione ammissibile CNR-UNI 10011 per spessori > 40mm
3	muratura		
		Muratura consolidata	Muratura per la quale si prevedono interventi di rinforzo"
		Incremento resistenza	Incremento conseguito in termini di resistenza
		Incremento rigidezza	Incremento conseguito in termini di rigidezza
		Resistenza f	Valore della resistenza a compressione
		Resistenza fv0	Valore della resistenza a taglio in assenza di tensioni normali
		Resistenza fh	Valore della resistenza a compressione orizzontale
		Resistenza fb	Valore della resistenza a compressione dei blocchi
		Resistenza fbh	Valore della resistenza a compressione dei blocchi in direzione orizzontale
		Resistenza fv0h	Valore della resistenza a taglio in assenza di tensioni normali per le travi
		Resistenza ft	Valore della resistenza a trazione per fessurazione diagonale
		Resistenza fvlim	Valore della massima resistenza a taglio
		Resistenza fbt	Valore della resistenza a trazione dei blocchi
		Coefficiente mu	Coefficiente d'attrito utilizzato per la resistenza a taglio (tipicamente 0.4)
		Coefficiente fi	Coefficiente d'ingranamento utilizzato per la resistenza a taglio
		Coefficiente ksb	Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress block

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4	legno	
	E0,05	Modulo di elasticità corrispondente ad un frattile del 5%
	Resistenza fc0	Valore della resistenza a compressione parallela
	Resistenza ft0	Valore della resistenza a trazione parallela
	Resistenza fm	Valore della resistenza a flessione
	Resistenza fv	Valore della resistenza a taglio
	Resist. ft0k	Resistenza caratteristica (tensione amm. per REGLES) per trazione
	Resist. fmk	Resistenza caratteristica (tensione amm. per REGLES) per flessione
	Resist. fvk	Resistenza caratteristica (tensione amm. per REGLES) per taglio
	Modulo E0,05	Modulo elastico parallelo caratteristico
	Lamellare	lamellare o massiccio

Nel tabulato si riportano sia i valori caratteristici che medi utilizzando gli uni e/o gli altri in relazione alle richieste di normativa ed alla tipologia di verifica. (Cap.7 NTC18 per materiali nuovi, Cap.8 NTC18 e relativa circolare 21/01/2019 per materiali esistenti, Linee Guida Reluis per incamiciatura CAM, CNR-DT 200 per interventi con FRP)

Vengono inoltre riportate le tabelle contenenti il riassunto delle informazioni assegnate nei criteri di progetto in uso.

Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm3		
5	Calcestruzzo Classe C32/40			3.364e+05	0.20	1.402e+05	2.50e-03	1.00e-05	
	Resistenza Rc	400.0							
	Resistenza fctm		31.0						
	Rapporto Rfessurata (assiale)								1.00
	Rapporto Rfessurata (flessione)								1.00
	Rapporto Rfessurata (taglio)								1.00
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
12	Acciaio Fe430 - S275-acciaio Fe430-S275			2.100e+06	0.30	8.077e+05	9.42e-03	1.20e-05	
	Tensione ft	4300.0							
	Resistenza fd	2750.0							
	Resistenza fd (>40)	2500.0							
	Tensione ammissibile	1900.0							
	Tensione ammissibile (>40)	1700.0							
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
13	Acciaio Fe510 - S355-acciaio Fe510-S355			2.100e+06	0.30	8.077e+05	9.42e-03	1.20e-05	
	Tensione ft	5100.0							
	Resistenza fd	3550.0							
	Resistenza fd (>40)	3150.0							
	Tensione ammissibile	2400.0							
	Tensione ammissibile (>40)	2100.0							
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
157	Materiale inf. rigido no peso E = 1.000e+07-materiale E = 1.000e+07			1.000e+07	0.0	5.000e+06	0.0	1.20e-05	
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
159	Acciaio Fe510 - S355 - MOD DILAT TERMICA-acciaio Fe510-S355			2.100e+06	0.30	8.077e+05	9.42e-03	1.60e-05	
	Tensione ft	5100.0							
	Resistenza fd	3550.0							
	Resistenza fd (>40)	3150.0							
	Tensione ammissibile	2400.0							
	Tensione ammissibile (>40)	2100.0							
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05

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Aste acc.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Generalità						
Beta assegnato	0.80	0.80	0.80	0.80	0.80	0.80
	0.80	0.80	0.80	0.80	0.80	0.80
Verifica come controvento	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
Usa condizioni I e II	SI	SI	SI	SI	SI	SI
	SI	SI	SI	SI	SI	SI
Coefficiente gamma M0	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
Coefficiente gamma M1	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
Coefficiente gamma M2	1.25	1.25	1.25	1.25	1.25	1.25
	1.25	1.25	1.25	1.25	1.25	1.25

Pilastri acc.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Lunghezze libere						
Metodo di calcolo 2-2	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
2-2 Beta assegnato	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	1.00	2.00	2.00	2.00
2-2 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
Metodo di calcolo 3-3	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
3-3 Beta assegnato	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
3-3 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
1-1 Beta assegnato	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
1-1 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
Generalità						
Coefficiente gamma M0	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
Coefficiente gamma M1	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
Coefficiente gamma M2	1.25	1.25	1.25	1.25	1.25	1.25
	1.25	1.25	1.25	1.25	1.25	1.25
Effetti del 2 ordine	SI	SI	SI	SI	SI	SI
	SI	SI	SI	SI	SI	SI
Momenti equivalenti	SI	SI	SI	SI	SI	SI
	SI	SI	SI	SI	SI	SI
Usa condizioni I e II	SI	SI	SI	SI	SI	SI
	SI	SI	SI	SI	SI	SI

Travi acc.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Lunghezze libere						
3-3 Beta * L automatico	SI	SI	SI	SI	SI	NO
	NO	NO	SI	SI	NO	SI
3-3 Beta assegnato	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
3-3 Beta assegnato [cm]	0.0	0.0	0.0	0.0	0.0	1580.00
	1070.00	0.0	0.0	0.0	100.00	0.0
2-2 Beta * L automatico	SI	SI	SI	SI	SI	NO

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Travi acc.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
	NO	NO	SI	SI	NO	SI
2-2 Beta assegnato	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
2-2 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	400.00
	400.00	0.0	0.0	0.0	100.00	0.0
1-1 Beta * L automatico	SI	SI	SI	SI	SI	NO
	NO	NO	SI	SI	NO	SI
1-1 Beta assegnato	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
1-1 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	400.00
	50.00	0.0	0.0	0.0	100.00	0.0
Generalità						
Coefficiente gamma M0	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
Coefficiente gamma M1	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	1.05
Coefficiente gamma M2	1.25	1.25	1.25	1.25	1.25	1.25
	1.25	1.25	1.25	1.25	1.25	1.25
Luce di taglio per GR [cm]	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
Usa condizioni I e II	SI	SI	SI	SI	SI	SI
	SI	SI	SI	SI	SI	SI
Momenti equivalenti	SI	SI	SI	SI	SI	SI
	SI	SI	SI	SI	SI	SI

Pareti c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Generalità						
Progetto armatura	Singolo elemento	Singolo elemento FONDAZIONE	Singolo elemento NON DISSIPATIVO	Singolo elemento	Parete estesa debolmente armata	Singolo elemento
	Singolo elemento	Singolo elemento	Singolo elemento	Singolo elemento FONDAZIONE	Singolo elemento	Singolo elemento
Armatura						
Inclinazione Av [gradi]	90.00	90.00	90.00	90.00	90.00	90.00
	90.00	90.00	90.00	90.00	90.00	90.00
Angolo Av-Ao [gradi]	90.00	90.00	90.00	90.00	90.00	90.00
	90.00	90.00	90.00	90.00	90.00	90.00
Minima tesa	0.20	0.20	0.20	2.000e-02	0.20	0.20
	0.20	0.20	0.20	0.20	0.20	0.20
Massima tesa	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00
Maglia unica centrale	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
Unico strato verticale	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
Unico strato orizzontale	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
Copriferro [cm]	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	5.00
Maglia V						
diametro	10	10	10	10	10	10
	10	10	10	10	10	10
passo	25	25	25	25	25	25
	25	25	25	25	25	25
diametro aggiuntivi	12	12	12	12	12	12
	12	12	12	12	12	12
Maglia O						
diametro	10	10	10	10	10	10
	10	10	10	10	10	10

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Pareti c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
passo	25	25	25	25	25	25
	25	25	25	25	25	25
diametro aggiuntivi	12	12	12	12	12	12
	12	12	12	12	12	12
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
Verifiche con N costante	SI	SI	SI	SI	SI	SI
	SI	SI	SI	SI	SI	SI
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50	97.50	97.50	97.50	97.50	97.50
	97.50	97.50	97.50	97.50	97.50	97.50
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00	2600.00	2600.00	2600.00	2600.00
	2600.00	2600.00	2600.00	2600.00	2600.00	2600.00
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
Parete estesa debolmente armata						
Fattore amplificazione taglio V	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
Hcrit. par. 7.4.4.5.1 [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
Hcrit. par. 7.4.6.1.4 [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
Diagramma inviluppo taglio	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
Vincolo lati	nessun lato	nessun lato	nessun lato	nessun lato	nessun lato	nessun lato
	nessun lato	nessun lato	nessun lato	nessun lato	nessun lato	nessun lato
Verifica come fascia	NO	NO	NO	NO	SI	NO
	NO	NO	NO	NO	NO	NO
Diametro di estremità	0	0	0	0	0	0
	0	0	0	0	0	0
Zona confinata						
Minima tesa	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
Massima tesa	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00
Distanza barre [cm]	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
Interferro	2	2	2	2	2	2
	2	2	2	2	2	2
Armatura inclinata						
Area barre [cm2]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
Angolo orizzontale [	0.0	0.0	0.0	0.0	0.0	0.0

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Pareti c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
gradi]						
	0.0	0.0	0.0	0.0	0.0	0.0
Distanza di base [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
Resistenza al fuoco						
3- intradosso	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
3+ estradosso	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
Tempo di esposizione R	15	15	15	15	15	15
	15	15	15	15	15	15

Gusci c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Armatura						
Inclinazione Ax [gradi]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
Angolo Ax-Ay [gradi]	90.00	90.00	90.00	90.00	90.00	90.00
	90.00	90.00	90.00	90.00	90.00	90.00
Minima tesa	0.31	0.10	0.13	2.000e-02	0.31	0.31
	0.31	0.31	0.31	0.10	0.31	0.31
Massima tesa	0.78	4.00	4.00	4.00	0.78	0.78
	0.78	0.78	0.78	4.00	0.78	4.00
Maglia unica centrale	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
Copriferro [cm]	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	6.00
Maglia x						
diametro	10	12	10	10	10	10
	10	10	10	20	10	14
passo	20	20	20	20	20	20
	20	20	20	20	20	20
diametro aggiuntivi	12	12	12	12	12	12
	12	12	12	20	12	18
Maglia y						
diametro	10	12	10	10	10	10
	10	10	10	20	10	18
passo	20	20	20	20	20	20
	20	20	20	20	20	20
diametro aggiuntivi	12	12	12	12	12	12
	12	12	12	20	12	18
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
Verifiche con N costante	SI	SI	SI	SI	SI	SI
	SI	SI	SI	SI	SI	SI
Applica SLU da DIN	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50	97.50	97.50	97.50	97.50	97.50
	97.50	97.50	97.50	97.50	97.50	97.50
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00	2600.00	2600.00	2600.00	2600.00
	2600.00	2600.00	2600.00	2600.00	2600.00	2600.00

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Gusci c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
Resistenza al fuoco						
3- intradosso	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
3+ estradosso	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
Tempo di esposizione R	15	15	15	15	15	15
	15	15	15	15	15	15

Travi c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Generalità						
Progetta a filo	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
Af inf: da q*L*L /	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
Armatura						
Minima tesa	0.31	0.20	0.13	2.000e-02	0.31	0.31
	0.31	0.31	0.31	0.20	0.31	0.31
Minima compressa	0.31	0.20	0.13	2.000e-02	0.31	0.31
	0.31	0.31	0.31	0.20	0.31	0.31
Massima tesa	0.78	4.00	4.00	4.00	0.78	0.78
	0.78	0.78	0.78	4.00	0.78	0.78
Da sezione	SI	SI	SI	SI	SI	SI
	SI	SI	SI	SI	SI	SI
Usa armatura teorica	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
Tensione fy staffe [daN/cm2]	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
Verifiche con N costante	SI	SI	SI	SI	SI	SI
	SI	SI	SI	SI	SI	SI
Fattore di ridistribuzione	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
Modello per il confinamento						
Relazione tensio-deformativa	Mander	Mander	Mander	Mander	Mander	Mander
	Mander	Mander	Mander	Mander	Mander	Mander
Incrudimento acciaio	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03
	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03
Fattore lambda	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
epsilon max,s	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02
	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02
epsilon cu2	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03
	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03
epsilon c2	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
epsilon cy	0.0	0.0	0.0	0.0	0.0	0.0

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Facchini Massimo
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Travi c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
	0.0	0.0	0.0	0.0	0.0	0.0
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50	97.50	97.50	97.50	97.50	97.50
	97.50	97.50	97.50	97.50	97.50	97.50
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00	2600.00	2600.00	2600.00	2600.00
	2600.00	2600.00	2600.00	2600.00	2600.00	2600.00
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
Staffe						
Diametro staffe	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
Passo minimo [cm]	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00
Passo massimo [cm]	30.00	30.00	30.00	30.00	30.00	30.00
	30.00	30.00	30.00	30.00	30.00	30.00
Passo raffittito [cm]	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
Lunghezza zona raffittita [cm]	50.00	50.00	50.00	50.00	50.00	50.00
	50.00	50.00	50.00	50.00	50.00	50.00
Ctg(Teta) Max	2.50	2.50	2.50	2.50	2.50	2.50
	2.50	2.50	2.50	2.50	2.50	2.50
Percentuale sagomati	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
Luce di taglio per GR [cm]	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
Adotta scorrimento medio	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
Torsione non essenziale inclusa	SI	SI	SI	SI	SI	SI
	SI	SI	SI	SI	SI	SI

Pilastri c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Generalità						
Progetto armatura	Privilegia lati	Privilegia lati	Privilegia lati	Privilegia lati	Privilegia lati	Privilegia lati
	Privilegia lati	Privilegia lati	Privilegia lati	Privilegia lati	Privilegia lati	Privilegia lati
Progetta a filo	NO	NO	NO	SI	NO	NO
	NO	NO	NO	NO	NO	NO
Effetti del 2 ordine	SI	SI	SI	SI	SI	SI
	SI	SI	SI	SI	SI	SI
Beta per 2-2	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
Beta per 3-3	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
Armatura						
Massima tesa	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	4.00
Minima tesa	1.00	1.00	0.30	2.000e-02	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
Tensione fy staffe [daN/cm2]	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15

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Pilastri c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
Verifiche con N costante	SI	SI	SI	SI	SI	SI
	SI	SI	SI	SI	SI	SI
Modello per il confinamento						
Relazione tensio-deformativa	Mander	Mander	Mander	Mander	Mander	Mander
	Mander	Mander	Mander	Mander	Mander	Mander
Incrudimento acciaio	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03
	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03
Fattore lambda	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
epsilon max,s	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02
	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02
epsilon cu2	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03
	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03
epsilon c2	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
epsilon cy	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50	97.50	97.50	97.50	97.50	97.50
	97.50	97.50	97.50	97.50	97.50	97.50
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00	2600.00	2600.00	2600.00	2600.00
	2600.00	2600.00	2600.00	2600.00	2600.00	2600.00
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
Staffe						
Diametro staffe	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
Passo minimo [cm]	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	5.00
Passo massimo [cm]	25.00	25.00	25.00	25.00	25.00	25.00
	25.00	25.00	25.00	25.00	25.00	25.00
Passo raffittito [cm]	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
Lunghezza zona raffittita [cm]	45.00	45.00	45.00	45.00	45.00	45.00
	45.00	45.00	45.00	45.00	45.00	45.00
Ctg(Teta) Max	2.50	2.50	2.50	2.50	2.50	2.50
	2.50	2.50	2.50	2.50	2.50	2.50
Luce di taglio per GR [cm]	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
Massimizza gerarchia	SI	SI	SI	SI	SI	SI
	SI	SI	SI	SI	SI	SI

Solai e pannelli	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Generalità						
Usa tensioni ammissibili	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
Af inf: da traliccio	SI	SI	SI	SI	SI	SI
	SI	SI	SI	SI	SI	SI
Consenti armatura a taglio	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
Incrementa armatura longitudinale per taglio	SI	SI	SI	SI	SI	SI
	SI	SI	SI	SI	SI	SI
Af inf: da q*L*L /	20.00	20.00	20.00	20.00	20.00	20.00
	20.00	20.00	20.00	20.00	20.00	20.00
Incremento fascia piena [cm]	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	5.00

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Solai e pannelli	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Armatura						
Minima tesa	0.15	0.15	0.15	0.15	0.15	0.15
	0.15	0.15	0.15	0.15	0.15	0.15
Massima tesa	3.00	3.00	3.00	3.00	3.00	3.00
	3.00	3.00	3.00	3.00	3.00	3.00
Minima compressa	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
Af/h [cm]	7.000e-02	7.000e-02	7.000e-02	7.000e-02	7.000e-02	7.000e-02
	7.000e-02	7.000e-02	7.000e-02	7.000e-02	7.000e-02	7.000e-02
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	1.15
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	1.50
Fattore di ridistribuzione	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	85.00	85.00	85.00	85.00	85.00	85.00
	85.00	85.00	85.00	85.00	85.00	85.00
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00	2600.00	2600.00	2600.00	2600.00
	2600.00	2600.00	2600.00	2600.00	2600.00	2600.00
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	15.00
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	1.00
Verifica freccia						
Infinita	250.00	250.00	250.00	250.00	250.00	250.00
	250.00	250.00	250.00	250.00	250.00	250.00
Istantanea	500.00	500.00	500.00	500.00	500.00	500.00
	500.00	500.00	500.00	500.00	500.00	500.00
Fattore viscosità	3.00	3.00	3.00	3.00	3.00	3.00
	3.00	3.00	3.00	3.00	3.00	3.00
Usa J non fessurato	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
Elementi non strutturali						
Tamponatura antiespulsione	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
Tamponatura con armatura	NO	NO	NO	NO	NO	NO
	NO	NO	NO	NO	NO	NO
Fattore di struttura/comportamento	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	2.00
Coefficiente gamma m	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
Periodo Ta	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0
Altezza pannello	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0

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MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

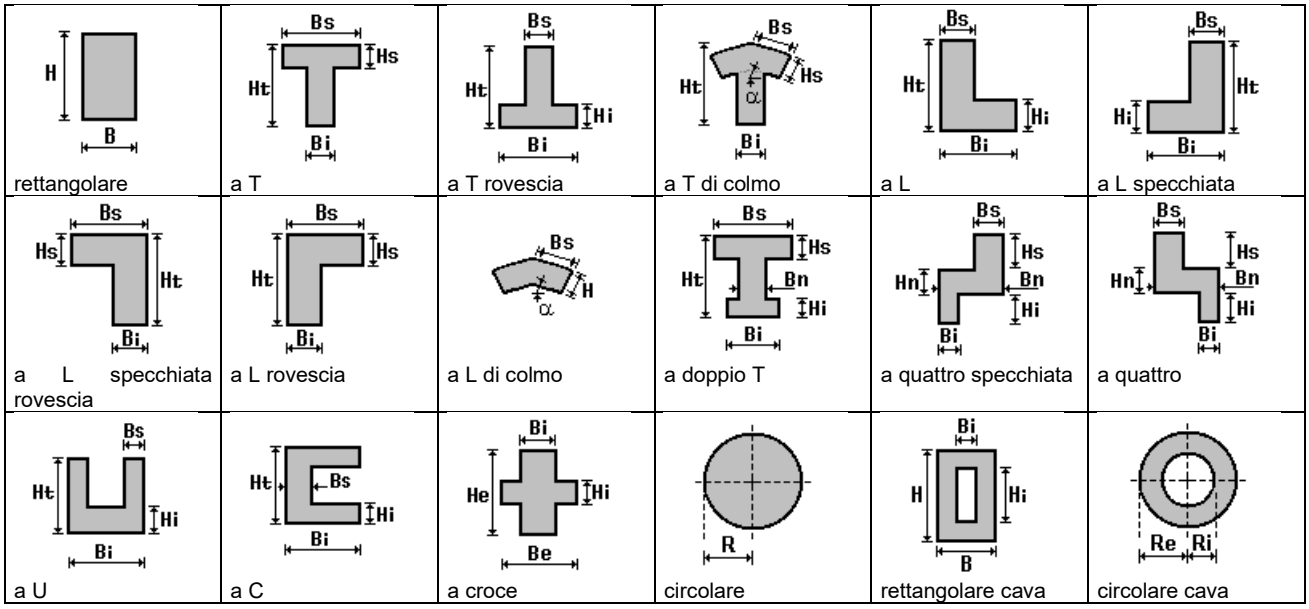
Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

1. sezione di tipo generico
2. profilati semplici
3. profilati accoppiati e speciali

Le sezioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni sezione vengono riportati in tabella i seguenti dati:

Area	area della sezione
A V2	area della sezione/fattore di taglio (per il taglio in direzione 2)
A V3	area della sezione/fattore di taglio (per il taglio in direzione 3)
Jt	fattore torsionale di rigidezza
J2-2	momento d'inerzia della sezione riferito all'asse 2
J3-3	momento d'inerzia della sezione riferito all'asse 3
W2-2	modulo di resistenza della sezione riferito all'asse 2
W3-3	modulo di resistenza della sezione riferito all'asse 3
Wp2-2	modulo di resistenza plastico della sezione riferito all'asse 2
Wp3-3	modulo di resistenza plastico della sezione riferito all'asse 3

I dati sopra riportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali delle sezioni è condotta nel riferimento 2-3 dell'elemento.



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Per quanto concerne i profilati semplici ed accoppiati l'asse 2 del riferimento coincide con l'asse x riportato nei più diffusi profilatari.

Per quanto concerne le sezioni di tipo generico (tipo 1.):
i valori dimensionali con prefisso B sono riferiti all'asse 2
i valori dimensionali con prefisso H sono riferiti all'asse 3

Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3
1	TRAVE COMPOSTA-Doppio T: bi=70 ba=1.5 bs=50 ht=100 hi=2 hs=2	384.00	0.0	0.0	424.72	7.803e+04	6.769e+05	2229.34	1.228e+04	3754.00	1.495e+04
2	BRACCETTO RIGIDO-Rettangolare: b=30 h=30	900.00	750.00	750.00	1.139e+05	6.750e+04	6.750e+04	4500.00	4500.00	6750.00	6750.00
3	BAGGIOLO-Rettangolare: b=80 h=80	6400.00	5333.33	5333.33	5.758e+06	3.413e+06	3.413e+06	8.533e+04	8.533e+04	1.280e+05	1.280e+05
4	DISPOSITIVI APPOGGIO-Rettangolare: b=56 h=56	3136.00	2613.33	2613.33	1.382e+06	8.195e+05	8.195e+05	2.927e+04	2.927e+04	4.390e+04	4.390e+04
5	HEB 600	270.00	0.0	0.0	667.20	1.353e+04	1.710e+05	902.00	5701.40	1391.10	6425.10
6	BRACCETTI TR SEC-Rettangolare: b=30 h=30	900.00	750.00	750.00	1.139e+05	6.750e+04	6.750e+04	4500.00	4500.00	6750.00	6750.00
8	HEB 260	118.40	0.0	0.0	123.80	5135.00	1.492e+04	395.00	1147.60	602.20	1282.90
9	HEB 450	218.00	0.0	0.0	440.50	1.172e+04	7.989e+04	781.40	3550.60	1197.70	3982.40
10	HEA 450	178.00	0.0	0.0	243.80	9465.00	6.372e+04	631.00	2896.40	965.50	3215.90
11	HEB 120	34.00	0.0	0.0	13.80	318.00	864.00	52.90	144.10	81.00	165.20
12	HEA 140	31.40	0.0	0.0	8.10	389.00	1033.00	55.60	155.40	84.80	173.50
13	Rettangolare: b=6 h=1.5	9.00	7.50	7.50	5.69	27.00	1.69	9.00	2.25	13.50	3.38
15	Rettangolare: b=10 h=1.5	15.00	12.50	12.50	10.19	125.00	2.81	25.00	3.75	37.50	5.62
17	HEA 140	31.40	0.0	0.0	8.10	389.00	1033.00	55.60	155.40	84.80	173.50
19	Circolare: r=0.8	2.01	1.70	1.70	0.64	0.32	0.32	0.40	0.40	0.68	0.68
20	IPE 400	84.50	0.0	0.0	51.10	1318.00	2.313e+04	146.40	1156.40	229.00	1307.10
21	mensola portale-Rettangolare: b=200 h=100	2.000e+04	1.667e+04	1.667e+04	4.567e+07	6.667e+07	1.667e+07	6.667e+05	3.333e+05	1.000e+06	5.000e+05
22	IPE 400	84.50	0.0	0.0	51.10	1318.00	2.313e+04	146.40	1156.40	229.00	1307.10
23	Circolare: r=1.1	3.80	3.21	3.21	2.30	1.15	1.15	1.05	1.05	1.77	1.77
24	HEB 220	91.00	0.0	0.0	76.60	2843.00	8091.00	258.50	735.50	393.90	827.00
25	IPE 80	7.60	0.0	0.0	0.70	8.00	80.00	3.70	20.00	5.80	23.20
26	Circolare: r=1	3.14	2.65	2.65	1.57	0.79	0.79	0.79	0.79	1.33	1.33
27	HEA 100	21.20	0.0	0.0	5.20	134.00	349.00	26.80	72.80	41.10	83.00
28	TRAVE COMPOSTA RIDOTTA-Doppio T: bi=70 ba=1.5 bs=50 ht=100 hi=2 hs=2	384.00	0.0	0.0	424.72	7.803e+04	6.769e+05	2229.34	1.228e+04	3754.00	1.495e+04
30	HEA 260	86.80	0.0	0.0	52.40	3668.00	1.046e+04	282.10	836.40	430.20	919.80

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MODELLAZIONE STRUTTURA: NODI

LEGENDA TABELLA DATI NODI

Il programma utilizza per la modellazione nodi strutturali.
Ogni nodo è individuato dalle coordinate cartesiane nel sistema di riferimento globale (X Y Z).
Ad ogni nodo è eventualmente associato un codice di vincolamento rigido, un codice di fondazione speciale, ed un set di sei molle (tre per le traslazioni, tre per le rotazioni). Le tabelle sottoriportate riflettono le succitate possibilità. In particolare per ogni nodo viene indicato in tabella:

Nodo	numero del nodo.
X	valore della coordinata X
Y	valore della coordinata Y
Z	valore della coordinata Z

Per i nodi ai quali sia associato un codice di vincolamento rigido, un codice di fondazione speciale o un set di molle viene indicato in tabella:

Nodo	numero del nodo.
X	valore della coordinata X
Y	valore della coordinata Y
Z	valore della coordinata Z
Note	eventuale codice di vincolo (es. v=110010 sei valori relativi ai sei gradi di libertà previsti per il nodo TxTyTzRxRyRz, il valore 1 indica che lo spostamento o rotazione relativo è impedito, il valore 0 indica che lo spostamento o rotazione relativo è libero).
Note	(FS = 1, 2,…) eventuale codice del tipo di fondazione speciale (1, 2,… fanno riferimento alle tipologie: plinto, palo, plinto su pali,…) che è collegato al nodo. (ISO = "id SIGLA") indice e sigla identificativa dell' eventuale isolatore sismico assegnato al nodo
Rig. TX	valore della rigidezza dei vincoli elastici eventualmente applicati al nodo, nello specifico TX (idem per TY, TZ, RX, RY, RZ).

Per strutture sismicamente isolate viene inoltre inserita la tabella delle caratteristiche per gli isolatori utilizzati; le caratteristiche sono indicate in conformità al cap. 7.10 del D.M. 14/01/08

TABELLA DATI NODI

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
	cm	cm	cm		cm	cm	cm		cm	cm	cm
Nodo	**X**	**Y**	**Z**	**Nodo**	**X**	**Y**	**Z**	**Nodo**	**X**	**Y**	**Z**
	cm	cm	cm		cm	cm	cm		cm	cm	cm
1	-5.55e-05	3279.9	0.0	2	-5.55e-05	3279.9	35.0	3	54.2	3279.9	35.0
4	54.2	3279.9	0.0	5	-5.55e-05	3279.9	70.0	6	54.2	3279.9	70.0
7	108.3	3279.9	35.0	8	108.3	3279.9	0.0	9	108.3	3279.9	70.0
10	162.5	3279.9	35.0	11	162.5	3279.9	0.0	12	162.5	3279.9	70.0
13	216.7	3279.9	35.0	14	216.7	3279.9	0.0	15	216.7	3279.9	70.0
16	270.8	3279.9	35.0	17	270.8	3279.9	0.0	18	270.8	3279.9	70.0
19	325.0	3279.9	35.0	20	325.0	3279.9	0.0	21	325.0	3279.9	70.0
22	325.0	2866.6	0.0	23	325.0	2866.6	35.0	24	270.3	2866.6	35.0
25	270.3	2866.6	0.0	26	325.0	2866.6	70.0	27	270.3	2866.6	70.0
28	215.2	2866.6	35.0	29	215.2	2866.6	0.0	30	215.1	2866.6	70.0
31	160.2	2866.6	35.0	32	160.2	2866.6	0.0	33	160.2	2866.6	70.0
34	160.2	2804.7	35.0	35	160.2	2782.0	0.0	36	160.2	2804.7	70.0
37	160.2	2742.9	35.0	38	160.2	2732.4	0.0	39	160.2	2742.9	70.0
40	160.2	2681.0	35.0	41	160.2	2682.7	0.0	42	160.2	2681.0	70.0
43	160.2	2619.1	35.0	44	160.2	2633.0	0.0	45	160.2	2619.1	70.0
46	160.2	2557.2	35.0	47	160.2	2533.4	0.0	48	160.2	2557.2	70.0
49	160.2	2495.4	35.0	50	160.2	2495.4	0.0	51	160.2	2495.4	70.0
52	105.1	2495.4	35.0	53	105.1	2495.4	0.0	54	105.1	2495.4	70.0
55	50.0	2495.4	35.0	56	50.0	2495.4	0.0	57	50.0	2495.4	70.0
58	50.0	2439.5	35.0	59	50.0	2439.5	0.0	60	50.0	2439.5	70.0
61	50.0	2383.6	35.0	62	50.0	2383.6	0.0	63	50.0	2383.6	70.0
64	50.0	2327.7	35.0	65	50.0	2327.7	0.0	66	50.0	2327.7	70.0
67	50.0	2271.8	35.0	68	50.0	2271.8	0.0	69	50.0	2271.8	70.0
70	50.0	2215.9	35.0	71	50.0	2215.9	0.0	72	50.0	2215.9	70.0
73	50.0	2160.0	35.0	74	50.0	2160.0	0.0	75	50.0	2160.0	70.0
76	50.0	680.0	0.0	77	50.0	680.0	35.0	78	50.0	614.2	35.0

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79	50.0	614.2	0.0	80	50.0	680.0	70.0	81	50.0	614.2	70.0
82	50.0	548.4	35.0	83	50.0	548.4	0.0	84	50.0	548.4	70.0
85	50.0	482.5	35.0	86	50.0	482.5	0.0	87	50.0	482.5	70.0
88	50.0	416.7	35.0	89	50.0	416.7	0.0	90	50.0	416.7	70.0
91	50.0	350.9	35.0	92	50.0	350.9	0.0	93	50.0	350.9	70.0
94	50.0	285.0	35.0	95	50.0	285.0	0.0	96	50.0	285.0	70.0
97	90.1	285.0	35.0	98	90.1	285.0	0.0	99	90.1	285.0	70.0
100	130.2	285.0	35.0	101	130.2	285.0	0.0	102	130.2	285.0	70.0
103	170.2	285.0	35.0	104	170.2	285.0	0.0	105	170.2	285.0	70.0
106	170.2	236.0	35.0	107	170.2	236.0	0.0	108	170.2	236.0	70.0
109	170.2	186.9	35.0	110	170.2	186.9	0.0	111	170.2	186.9	70.0
112	170.2	137.9	35.0	113	170.2	137.9	0.0	114	170.2	137.9	70.0
115	170.2	88.8	35.0	116	170.2	88.8	0.0	117	170.2	88.8	70.0
118	170.2	39.8	35.0	119	170.2	39.8	0.0	120	170.2	39.8	70.0
121	209.0	39.8	35.0	122	209.0	39.8	0.0	123	208.9	39.8	70.0
124	247.7	39.8	35.0	125	247.7	39.8	0.0	126	247.6	39.8	70.0
127	286.5	39.8	35.0	128	286.5	39.8	0.0	129	286.3	39.8	70.0
130	325.0	39.8	35.0	131	325.0	39.8	0.0	132	325.0	39.8	70.0
133	-5.55e-05	3409.9	0.0	134	325.0	3409.9	0.0	135	-5.55e-05	-8.88e-06	0.0
136	325.0	-6.21e-04	0.0	137	740.0	3894.9	1110.0	138	137.5	3405.2	1110.0
139	-5.55e-05	49.7	0.0	140	-5.55e-05	99.4	0.0	141	-5.55e-05	149.1	0.0
142	-5.55e-05	198.8	0.0	143	-5.55e-05	248.5	0.0	144	-5.55e-05	298.2	0.0
145	-5.55e-05	347.9	0.0	146	-5.55e-05	397.6	0.0	147	-5.55e-05	447.3	0.0
148	-5.55e-05	496.9	0.0	149	-5.55e-05	546.6	0.0	150	-5.55e-05	596.3	0.0
151	-5.55e-05	646.0	0.0	152	-5.55e-05	695.7	0.0	153	-5.55e-05	745.4	0.0
154	-5.55e-05	795.1	0.0	155	-5.55e-05	844.8	0.0	156	-5.55e-05	894.5	0.0
157	-5.55e-05	944.2	0.0	158	-5.55e-05	993.9	0.0	159	-5.55e-05	1043.6	0.0
160	-5.55e-05	1093.3	0.0	161	-5.55e-05	1143.0	0.0	162	-5.55e-05	1192.7	0.0
163	-5.55e-05	1242.4	0.0	164	-5.55e-05	1292.1	0.0	165	-5.55e-05	1341.8	0.0
166	-5.55e-05	1391.5	0.0	167	-5.55e-05	1441.1	0.0	168	-5.55e-05	1490.8	0.0
169	-5.55e-05	1540.5	0.0	170	-5.55e-05	1590.2	0.0	171	-5.55e-05	1639.9	0.0
172	-5.55e-05	1689.6	0.0	173	-5.55e-05	1739.3	0.0	174	-5.55e-05	1789.0	0.0
175	-5.55e-05	1838.7	0.0	176	-5.55e-05	1888.4	0.0	177	-5.55e-05	1938.1	0.0
178	-5.55e-05	1987.8	0.0	179	-5.55e-05	2037.5	0.0	180	-5.55e-05	2087.2	0.0
181	-5.55e-05	2136.9	0.0	182	-5.55e-05	2186.6	0.0	183	-5.55e-05	2236.3	0.0
184	-5.55e-05	2286.0	0.0	185	-5.55e-05	2335.7	0.0	186	-5.55e-05	2385.3	0.0
187	-5.55e-05	2435.0	0.0	188	-5.55e-05	2484.7	0.0	189	-5.55e-05	2534.4	0.0
190	-5.55e-05	2584.1	0.0	191	-5.55e-05	2633.8	0.0	192	-5.55e-05	2683.5	0.0
193	-5.55e-05	2733.2	0.0	194	-5.55e-05	2782.9	0.0	195	-5.55e-05	2832.6	0.0
196	-5.55e-05	2882.3	0.0	197	-5.55e-05	2932.0	0.0	198	-5.55e-05	2981.7	0.0
199	-5.55e-05	3031.4	0.0	200	-5.55e-05	3081.1	0.0	201	-5.55e-05	3130.8	0.0
202	-5.55e-05	3180.5	0.0	203	-5.55e-05	3230.2	0.0	204	-5.55e-05	3323.2	0.0
205	-5.55e-05	3366.5	0.0	206	46.4	3409.9	0.0	207	92.9	3409.9	0.0
208	139.3	3409.9	0.0	209	185.7	3409.9	0.0	210	232.1	3409.9	0.0
211	278.6	3409.9	0.0	212	325.0	3364.1	0.0	213	325.0	3322.0	0.0
214	325.0	3230.0	0.0	215	325.0	3180.2	0.0	216	325.0	3130.3	0.0
217	325.0	3080.5	0.0	218	325.0	3030.6	0.0	219	325.0	2980.8	0.0
220	325.0	2930.9	0.0	221	325.0	2881.1	0.0	222	325.0	2831.2	0.0
223	325.0	2781.4	0.0	224	325.0	2731.5	0.0	225	325.0	2681.7	0.0
226	325.0	2631.8	0.0	227	325.0	2582.0	0.0	228	325.0	2532.1	0.0
229	325.0	2482.3	0.0	230	325.0	2432.4	0.0	231	325.0	2382.6	0.0
232	325.0	2332.8	0.0	233	325.0	2282.9	0.0	234	325.0	2233.1	0.0
235	325.0	2183.2	0.0	236	325.0	2133.4	0.0	237	325.0	2083.5	0.0
238	325.0	2033.7	0.0	239	325.0	1983.8	0.0	240	325.0	1934.0	0.0
241	325.0	1884.1	0.0	242	325.0	1838.7	0.0	243	325.0	1789.0	0.0
244	325.0	1739.3	0.0	245	325.0	1689.6	0.0	246	325.0	1639.9	0.0
247	325.0	1590.2	0.0	248	325.0	1540.5	0.0	249	325.0	1490.8	0.0
250	325.0	1441.1	0.0	251	325.0	1391.5	0.0	252	325.0	1341.8	0.0
253	325.0	1292.1	0.0	254	325.0	1242.4	0.0	255	325.0	1192.7	0.0
256	325.0	1143.0	0.0	257	325.0	1093.3	0.0	258	325.0	1043.6	0.0
259	325.0	993.9	0.0	260	325.0	937.0	0.0	261	325.0	887.2	0.0
262	325.0	837.3	0.0	263	325.0	787.5	0.0	264	325.0	737.6	0.0
265	325.0	687.8	0.0	266	325.0	637.9	0.0	267	325.0	588.1	0.0
268	325.0	538.2	0.0	269	325.0	488.4	0.0	270	325.0	438.6	0.0
271	325.0	388.7	0.0	272	325.0	338.9	0.0	273	325.0	289.0	0.0
274	325.0	239.2	0.0	275	325.0	189.3	0.0	276	325.0	139.5	0.0
277	325.0	89.6	0.0	278	278.6	-5.33e-04	0.0	279	232.1	-4.46e-04	0.0
280	185.7	-3.58e-04	0.0	281	139.3	-2.71e-04	0.0	282	92.9	-1.84e-04	0.0

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283	46.4	-9.63e-05	0.0	284	47.1	48.9	0.0	285	48.0	98.5	0.0
286	47.8	148.1	0.0	287	48.0	198.1	0.0	288	48.6	248.3	0.0
289	600.0	564.2	1110.0	290	575.0	2285.5	1110.0	291	50.0	564.2	1110.0
292	50.0	447.2	0.0	293	-57.5	3614.2	1647.0	294	575.0	564.2	1110.0
295	512.5	2285.5	1110.0	296	50.0	646.0	0.0	297	512.5	564.2	1110.0
298	49.7	745.4	0.0	299	49.7	795.1	0.0	300	49.7	844.8	0.0
301	48.9	894.0	0.0	302	48.9	943.8	0.0	303	49.7	993.9	0.0
304	49.7	1043.6	0.0	305	49.7	1093.3	0.0	306	48.9	1143.0	0.0
307	49.7	1192.7	0.0	308	49.7	1242.4	0.0	309	49.7	1292.1	0.0
310	49.7	1341.8	0.0	311	49.7	1391.5	0.0	312	49.7	1441.1	0.0
313	49.7	1490.8	0.0	314	49.7	1540.5	0.0	315	49.7	1590.2	0.0
316	49.7	1639.9	0.0	317	49.7	1689.6	0.0	318	49.7	1739.3	0.0
319	49.7	1789.0	0.0	320	49.7	1838.7	0.0	321	49.7	1888.4	0.0
322	49.7	1938.1	0.0	323	49.7	1987.8	0.0	324	49.7	2037.5	0.0
325	49.7	2087.2	0.0	326	75.0	3405.2	1110.0	327	50.0	2186.6	0.0
328	450.0	564.2	1110.0	329	450.0	2285.5	1110.0	330	387.5	564.2	1110.0
331	325.0	3824.7	1110.0	332	325.0	564.2	1110.0	333	387.5	2285.5	1110.0
334	49.7	2534.4	0.0	335	49.7	2584.1	0.0	336	49.7	2633.8	0.0
337	49.7	2683.5	0.0	338	49.7	2733.2	0.0	339	49.7	2782.9	0.0
340	49.3	2832.5	0.0	341	49.2	2882.3	0.0	342	49.7	2932.0	0.0
343	49.0	2981.4	0.0	344	49.1	3031.2	0.0	345	49.7	3081.1	0.0
346	49.7	3130.8	0.0	347	48.1	3180.0	0.0	348	47.4	3229.1	0.0
349	262.5	564.2	1110.0	350	46.8	3322.5	0.0	351	46.3	3365.9	0.0
352	93.6	3366.1	0.0	353	141.3	3366.3	0.0	354	191.5	3368.9	0.0
355	243.2	3374.3	0.0	356	287.0	3382.9	0.0	357	281.1	3331.9	0.0
358	160.2	2811.4	602.8	359	279.4	3230.6	0.0	360	278.5	3180.3	0.0
361	276.9	3130.4	0.0	362	276.9	3080.5	0.0	363	277.7	3030.8	0.0
364	277.2	2980.9	0.0	365	277.0	2931.0	0.0	366	276.5	2881.2	0.0
367	276.8	2831.4	0.0	368	276.5	2781.6	0.0	369	276.9	2731.6	0.0
370	277.4	2681.8	0.0	371	278.0	2632.1	0.0	372	277.8	2582.2	0.0
373	277.9	2532.3	0.0	374	277.2	2482.6	0.0	375	277.2	2432.7	0.0
376	277.8	2382.9	0.0	377	277.5	2333.0	0.0	378	277.9	2283.1	0.0
379	277.6	2233.2	0.0	380	277.3	2183.4	0.0	381	275.2	2133.4	0.0
382	277.0	2083.7	0.0	383	276.7	2033.9	0.0	384	277.1	1984.1	0.0
385	277.2	1934.3	0.0	386	277.1	1884.4	0.0	387	275.3	1838.7	0.0
388	275.3	1789.0	0.0	389	278.1	1739.3	0.0	390	277.7	1689.6	0.0
391	278.0	1639.9	0.0	392	277.9	1590.2	0.0	393	276.6	1540.5	0.0
394	277.6	1490.8	0.0	395	277.4	1441.1	0.0	396	278.5	1391.5	0.0
397	278.6	1341.8	0.0	398	278.4	1292.1	0.0	399	278.5	1242.4	0.0
400	278.8	1192.7	0.0	401	278.7	1143.0	0.0	402	277.9	1093.3	0.0
403	278.1	1043.6	0.0	404	278.4	993.9	0.0	405	277.7	937.7	0.0
406	277.5	887.8	0.0	407	277.4	838.0	0.0	408	277.4	788.1	0.0
409	277.8	738.3	0.0	410	277.4	688.3	0.0	411	277.4	638.6	0.0
412	277.4	588.7	0.0	413	278.5	539.2	0.0	414	278.8	489.6	0.0
415	279.0	439.8	0.0	416	278.7	389.9	0.0	417	278.4	339.8	0.0
418	277.6	289.6	0.0	419	278.0	239.6	0.0	420	278.3	188.9	0.0
421	278.7	136.9	0.0	422	280.4	81.3	0.0	423	160.2	2831.8	0.0
424	200.0	564.2	1110.0	425	325.0	2285.5	1110.0	426	140.9	46.4	0.0
427	93.8	47.9	0.0	428	94.3	96.8	0.0	429	94.7	146.5	0.0
430	95.2	196.7	0.0	431	95.8	246.7	0.0	432	137.5	564.2	1110.0
433	96.9	346.9	0.0	434	96.7	396.5	0.0	435	96.9	446.3	0.0
436	97.6	496.2	0.0	437	97.8	545.9	0.0	438	97.9	595.7	0.0
439	97.8	645.4	0.0	440	97.8	695.1	0.0	441	99.4	745.4	0.0
442	99.4	795.1	0.0	443	97.8	844.3	0.0	444	98.0	894.0	0.0
445	97.1	943.4	0.0	446	96.8	993.9	0.0	447	96.9	1043.6	0.0
448	97.4	1093.3	0.0	449	97.6	1143.0	0.0	450	97.8	1192.7	0.0
451	99.4	1242.4	0.0	452	99.4	1292.1	0.0	453	97.9	1341.8	0.0
454	98.1	1391.5	0.0	455	97.3	1441.1	0.0	456	97.1	1490.8	0.0
457	97.1	1540.5	0.0	458	98.3	1590.2	0.0	459	97.9	1639.9	0.0
460	97.9	1689.6	0.0	461	99.4	1739.3	0.0	462	99.4	1789.0	0.0
463	99.4	1838.7	0.0	464	98.1	1888.0	0.0	465	97.6	1937.6	0.0
466	98.1	1987.4	0.0	467	99.4	2037.5	0.0	468	98.3	2087.0	0.0
469	98.1	2136.6	0.0	470	99.4	2186.6	0.0	471	99.4	2236.3	0.0
472	99.4	2286.0	0.0	473	99.4	2335.7	0.0	474	97.7	2385.1	0.0
475	96.8	2434.9	0.0	476	262.5	3824.7	1110.0	477	98.0	2534.4	0.0
478	98.0	2583.9	0.0	479	98.0	2633.6	0.0	480	99.4	2683.5	0.0
481	99.4	2733.2	0.0	482	98.4	2782.7	0.0	483	97.9	2832.4	0.0
484	97.8	2882.3	0.0	485	98.2	2932.1	0.0	486	97.6	2981.7	0.0

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Serial Certificato: 2702265
Valido dal 07/09/2023 al 07/09/2026
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487	97.5	3031.2	0.0	488	96.5	3080.8	0.0	489	96.0	3130.5	0.0
490	95.5	3180.0	0.0	491	94.6	3228.8	0.0	492	75.0	564.2	1110.0
493	94.2	3321.8	0.0	494	140.8	3321.6	0.0	495	188.7	3322.6	0.0
496	237.3	3327.1	0.0	497	262.5	2285.5	1110.0	498	233.8	3229.9	0.0
499	232.5	3180.5	0.0	500	231.5	3130.8	0.0	501	231.5	3081.1	0.0
502	231.9	3031.3	0.0	503	231.4	2981.4	0.0	504	229.7	2931.4	0.0
505	228.9	2881.1	0.0	506	212.5	2811.5	0.0	507	231.2	2781.6	0.0
508	231.0	2731.7	0.0	509	230.8	2681.9	0.0	510	232.0	2632.1	0.0
511	212.5	2576.5	0.0	512	231.5	2532.6	0.0	513	232.1	2482.9	0.0
514	232.4	2433.1	0.0	515	232.5	2383.3	0.0	516	232.6	2333.6	0.0
517	232.3	2283.7	0.0	518	232.4	2233.9	0.0	519	231.6	2183.9	0.0
520	231.6	2133.9	0.0	521	232.2	2084.4	0.0	522	231.8	2034.5	0.0
523	231.5	1984.7	0.0	524	231.6	1934.9	0.0	525	231.0	1885.1	0.0
526	231.7	1838.7	0.0	527	231.2	1789.0	0.0	528	231.1	1739.3	0.0
529	230.9	1689.6	0.0	530	231.2	1639.9	0.0	531	232.2	1590.2	0.0
532	232.1	1540.5	0.0	533	231.5	1490.8	0.0	534	233.1	1441.1	0.0
535	233.4	1391.5	0.0	536	233.3	1341.8	0.0	537	232.5	1292.1	0.0
538	232.3	1242.4	0.0	539	232.4	1192.7	0.0	540	232.7	1143.0	0.0
541	232.3	1093.3	0.0	542	232.3	1043.6	0.0	543	232.6	993.9	0.0
544	232.9	939.4	0.0	545	232.2	889.4	0.0	546	232.0	839.3	0.0
547	231.8	789.2	0.0	548	231.9	739.5	0.0	549	231.8	689.6	0.0
550	231.8	639.8	0.0	551	232.5	590.1	0.0	552	232.8	540.4	0.0
553	233.4	491.0	0.0	554	233.4	441.3	0.0	555	233.4	391.5	0.0
556	212.5	330.0	0.0	557	232.9	291.4	0.0	558	232.0	240.8	0.0
559	232.3	190.1	0.0	560	232.4	139.2	0.0	561	212.5	95.0	0.0
562	450.0	2729.2	1110.0	563	140.6	94.5	0.0	564	140.6	144.2	0.0
565	141.1	194.5	0.0	566	141.9	244.9	0.0	567	325.0	3614.2	1786.0
568	143.2	345.4	0.0	569	143.5	395.2	0.0	570	143.8	445.0	0.0
571	144.1	494.8	0.0	572	144.4	544.7	0.0	573	144.4	594.4	0.0
574	144.3	644.0	0.0	575	144.1	693.8	0.0	576	144.3	743.6	0.0
577	144.3	793.3	0.0	578	144.0	843.2	0.0	579	143.9	892.8	0.0
580	143.6	942.4	0.0	581	143.1	993.9	0.0	582	143.3	1043.6	0.0
583	143.4	1093.3	0.0	584	143.8	1143.0	0.0	585	144.2	1192.7	0.0
586	144.2	1242.4	0.0	587	144.3	1292.1	0.0	588	144.4	1341.8	0.0
589	144.7	1391.5	0.0	590	144.5	1441.1	0.0	591	143.6	1490.8	0.0
592	143.1	1540.5	0.0	593	143.3	1590.2	0.0	594	143.9	1639.9	0.0
595	144.4	1689.6	0.0	596	145.1	1739.3	0.0	597	145.0	1789.0	0.0
598	144.6	1838.7	0.0	599	144.8	1887.3	0.0	600	144.6	1937.0	0.0
601	144.0	1986.6	0.0	602	144.2	2036.6	0.0	603	144.5	2086.3	0.0
604	144.9	2136.0	0.0	605	144.9	2185.6	0.0	606	144.3	2235.5	0.0
607	144.0	2285.3	0.0	608	143.9	2335.1	0.0	609	143.2	2384.9	0.0
610	143.3	2434.4	0.0	611	144.0	2484.1	0.0	612	143.9	2533.7	0.0
613	144.9	2583.5	0.0	614	144.8	2633.2	0.0	615	145.1	2682.9	0.0
616	144.3	2732.7	0.0	617	144.2	2782.2	0.0	618	143.9	2832.0	0.0
619	145.0	2882.0	0.0	620	145.6	2932.2	0.0	621	145.6	2982.0	0.0
622	143.8	3031.5	0.0	623	143.2	3081.1	0.0	624	142.5	3130.6	0.0
625	141.4	3180.1	0.0	626	141.2	3229.0	0.0	627	140.8	3275.8	0.0
628	187.7	3276.9	0.0	629	200.0	2561.7	1110.0	630	187.4	3229.3	0.0
631	187.1	3180.4	0.0	632	187.0	3131.0	0.0	633	187.4	3081.4	0.0
634	188.7	3031.6	0.0	635	187.4	2982.2	0.0	636	187.4	2932.1	0.0
637	187.2	2881.7	0.0	638	187.7	2831.4	0.0	639	188.3	2781.5	0.0
640	188.5	2731.9	0.0	641	188.1	2682.4	0.0	642	188.5	2632.7	0.0
643	188.9	2582.9	0.0	644	188.5	2532.9	0.0	645	188.3	2483.2	0.0
646	188.1	2433.6	0.0	647	188.2	2383.9	0.0	648	188.4	2334.2	0.0
649	188.4	2284.5	0.0	650	188.9	2234.9	0.0	651	188.4	2185.0	0.0
652	188.0	2135.2	0.0	653	188.5	2085.6	0.0	654	188.6	2035.8	0.0
655	188.3	1985.7	0.0	656	188.5	1936.0	0.0	657	188.8	1886.1	0.0
658	189.0	1838.7	0.0	659	189.0	1789.0	0.0	660	188.9	1739.3	0.0
661	188.4	1689.6	0.0	662	187.9	1639.9	0.0	663	188.1	1590.2	0.0
664	187.8	1540.5	0.0	665	188.3	1490.8	0.0	666	188.7	1441.1	0.0
667	189.7	1391.5	0.0	668	188.9	1341.8	0.0	669	188.5	1292.1	0.0
670	188.5	1242.4	0.0	671	188.3	1192.7	0.0	672	188.3	1143.0	0.0
673	187.9	1093.3	0.0	674	187.8	1043.6	0.0	675	188.2	993.9	0.0
676	188.6	941.1	0.0	677	188.6	891.3	0.0	678	188.2	841.4	0.0
679	188.3	791.4	0.0	680	188.5	741.6	0.0	681	188.4	691.8	0.0
682	188.4	641.9	0.0	683	188.7	592.2	0.0	684	188.8	542.5	0.0
685	189.0	492.9	0.0	686	188.7	443.0	0.0	687	188.7	393.4	0.0
688	188.6	343.5	0.0	689	200.0	2285.5	1110.0	690	200.0	2670.4	1110.0

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Serial Certificato: 2702265
Valido dal 01/09/2023 al 01/09/2026
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691	200.0	3824.7	1110.0	692	144.0	2495.4	0.0	693	49.9	2136.7	0.0
694	200.0	2729.2	1110.0	695	137.5	2285.5	1110.0	696	97.8	2866.6	0.0
697	49.2	2866.6	0.0	698	-5.55e-05	2866.6	0.0	699	200.0	2787.9	1110.0
700	437.5	2561.7	1110.0	701	187.4	2866.6	0.0	702	160.2	2483.8	0.0
703	200.0	2826.7	1110.0	704	160.2	2583.3	0.0	705	75.0	2285.5	1110.0
706	450.0	2826.7	1110.0	707	137.5	3824.7	1110.0	708	-5.55e-05	3279.9	119.4
709	54.2	3279.9	119.4	710	-5.55e-05	3279.9	168.9	711	54.2	3279.9	168.9
712	-5.55e-05	3279.9	218.3	713	54.2	3279.9	218.3	714	-5.55e-05	3279.9	267.8
715	54.2	3279.9	267.8	716	-5.55e-05	3279.9	317.2	717	54.2	3279.9	317.2
718	-5.55e-05	3279.9	366.7	719	54.2	3279.9	366.7	720	-5.55e-05	3279.9	416.1
721	54.2	3279.9	416.1	722	-5.55e-05	3279.9	465.6	723	54.2	3279.9	465.6
724	-5.55e-05	3279.9	515.0	725	54.2	3279.9	515.0	726	-5.55e-05	3279.9	564.4
727	54.2	3279.9	564.4	728	-5.55e-05	3279.9	613.9	729	54.2	3279.9	613.9
730	-5.55e-05	3279.9	663.3	731	54.2	3279.9	663.3	732	-5.55e-05	3279.9	712.8
733	54.2	3279.9	712.8	734	-5.55e-05	3279.9	762.2	735	54.2	3279.9	762.2
736	-5.55e-05	3279.9	811.7	737	54.2	3279.9	811.7	738	-5.55e-05	3279.9	861.1
739	54.2	3279.9	861.1	740	-5.55e-05	3279.9	910.6	741	50.0	3279.9	910.6
742	-5.55e-05	3279.9	960.0	743	50.0	3279.9	960.0	744	108.3	3279.9	119.4
745	108.3	3279.9	168.9	746	108.3	3279.9	218.3	747	108.3	3279.9	267.8
748	108.3	3279.9	317.2	749	108.3	3279.9	366.7	750	108.3	3279.9	416.1
751	108.3	3279.9	465.6	752	108.3	3279.9	515.0	753	108.3	3279.9	564.4
754	108.3	3279.9	613.9	755	108.3	3279.9	663.3	756	108.3	3279.9	712.8
757	108.3	3279.9	762.2	758	108.3	3279.9	811.7	759	108.3	3279.9	861.1
760	108.3	3279.9	910.6	761	108.3	3279.9	960.0	762	162.5	3279.9	119.4
763	162.5	3279.9	168.9	764	162.5	3279.9	218.3	765	162.5	3279.9	267.8
766	162.5	3279.9	317.2	767	162.5	3279.9	366.7	768	162.5	3279.9	416.1
769	162.5	3279.9	465.6	770	162.5	3279.9	515.0	771	162.5	3279.9	564.4
772	162.5	3279.9	613.9	773	162.5	3279.9	663.3	774	162.5	3279.9	712.8
775	162.5	3279.9	762.2	776	162.5	3279.9	811.7	777	162.5	3279.9	861.1
778	162.5	3279.9	910.6	779	162.5	3279.9	960.0	780	216.7	3279.9	119.4
781	216.7	3279.9	168.9	782	216.7	3279.9	218.3	783	216.7	3279.9	267.8
784	216.7	3279.9	317.2	785	216.7	3279.9	366.7	786	216.7	3279.9	416.1
787	216.7	3279.9	465.6	788	216.7	3279.9	515.0	789	216.7	3279.9	564.4
790	216.7	3279.9	613.9	791	216.7	3279.9	663.3	792	216.7	3279.9	712.8
793	216.7	3279.9	762.2	794	216.7	3279.9	811.7	795	216.7	3279.9	861.1
796	216.7	3279.9	910.6	797	216.7	3279.9	960.0	798	270.8	3279.9	119.4
799	270.8	3279.9	168.9	800	270.8	3279.9	218.3	801	270.8	3279.9	267.8
802	270.8	3279.9	317.2	803	270.8	3279.9	366.7	804	270.8	3279.9	416.1
805	270.8	3279.9	465.6	806	270.8	3279.9	515.0	807	270.8	3279.9	564.4
808	270.8	3279.9	613.9	809	270.8	3279.9	663.3	810	270.8	3279.9	712.8
811	270.8	3279.9	762.2	812	270.8	3279.9	811.7	813	270.8	3279.9	861.1
814	270.8	3279.9	910.6	815	270.8	3279.9	960.0	816	325.0	3279.9	119.4
817	325.0	3279.9	168.9	818	325.0	3279.9	218.3	819	325.0	3279.9	267.8
820	325.0	3279.9	317.2	821	325.0	3279.9	366.7	822	325.0	3279.9	416.1
823	325.0	3279.9	465.6	824	325.0	3279.9	515.0	825	325.0	3279.9	564.4
826	325.0	3279.9	613.9	827	325.0	3279.9	663.3	828	325.0	3279.9	712.8
829	325.0	3279.9	762.2	830	325.0	3279.9	811.7	831	325.0	3279.9	861.1
832	325.0	3279.9	910.6	833	325.0	3279.9	960.0	834	325.0	2866.6	120.2
835	270.1	2866.6	120.2	836	512.5	3824.7	1110.0	837	325.0	2866.6	170.5
838	270.1	2866.6	170.5	839	325.0	2866.6	220.7	840	270.1	2866.6	220.7
841	325.0	2866.6	270.9	842	270.1	2866.6	270.9	843	325.0	2866.6	321.2
844	270.1	2866.6	321.2	845	325.0	2866.6	371.4	846	270.1	2866.6	371.4
847	325.0	2866.6	421.6	848	270.1	2866.6	421.6	849	325.0	2866.6	471.8
850	270.1	2866.6	471.8	851	325.0	2866.6	522.1	852	270.1	2866.6	522.1
853	325.0	2866.6	572.3	854	270.1	2866.6	572.3	855	325.0	2866.6	622.5
856	270.1	2866.6	622.5	857	325.0	2866.6	652.8	858	270.1	2866.6	652.8
859	-57.5	3161.5	1110.0	860	-57.5	3200.9	1110.0	861	215.1	2866.6	120.2
862	653.8	3614.2	1110.0	863	215.1	2866.6	170.5	864	215.1	2866.6	220.7
865	215.1	2866.6	270.9	866	215.1	2866.6	321.2	867	212.5	2866.6	371.4
868	215.1	2866.6	421.6	869	215.1	2866.6	471.8	870	215.1	2866.6	522.1
871	215.1	2866.6	572.3	872	212.5	2866.6	602.8	873	160.2	2811.4	652.8
874	707.5	3789.6	1110.0	875	160.2	2866.6	120.2	876	160.2	2866.6	170.5
877	160.2	2866.6	220.7	878	160.2	2866.6	270.9	879	160.2	2866.6	321.2
880	160.2	2866.6	371.4	881	160.2	2866.6	421.6	882	160.2	2866.6	471.8
883	160.2	2866.6	522.1	884	160.2	2866.6	572.3	885	160.2	2866.6	622.5
886	160.2	2866.6	652.8	887	-57.5	3240.4	1110.0	888	160.2	2495.4	120.2
889	160.2	2557.2	120.2	890	160.2	2495.4	170.5	891	160.2	2557.2	170.5
892	160.2	2495.4	220.7	893	160.2	2557.2	220.7	894	160.2	2495.4	270.9

Firmato digitalmente da: Cappelli Massimo
Firmato il 01/03/2024 18:24
Seriale Certificato: 3772285
Valido dal 01/09/2023 al 01/09/2026
InfoCert S.p.A. Qualified Electronic Signature CA

895	160.2	2557.2	270.9	896	160.2	2495.4	321.2	897	160.2	2557.2	321.2
898	160.2	2495.4	371.4	899	160.2	2576.4	371.4	900	160.2	2495.4	421.6
901	160.2	2557.2	421.6	902	160.2	2495.4	471.8	903	160.2	2557.2	471.8
904	160.2	2495.4	522.1	905	160.2	2557.2	522.1	906	160.2	2495.4	572.3
907	160.2	2557.2	572.3	908	160.2	2495.4	622.5	909	160.2	2557.2	622.5
910	160.2	2495.4	652.8	911	160.2	2576.4	602.8	912	160.2	2495.4	723.0
913	212.5	2561.7	1110.0	914	160.2	2619.1	120.2	915	160.2	2619.1	170.5
916	160.2	2619.1	220.7	917	160.2	2619.1	270.9	918	160.2	2619.1	321.2
919	160.2	2619.1	371.4	920	160.2	2619.1	421.6	921	160.2	2619.1	471.8
922	160.2	2619.1	522.1	923	160.2	2619.1	572.3	924	160.2	2619.1	622.5
925	160.2	2619.1	652.8	926	-57.5	3321.6	1110.0	927	160.2	2681.0	120.2
928	160.2	2681.0	170.5	929	160.2	2681.0	220.7	930	160.2	2681.0	270.9
931	160.2	2681.0	321.2	932	160.2	2681.0	371.4	933	160.2	2681.0	421.6
934	160.2	2681.0	471.8	935	160.2	2681.0	522.1	936	160.2	2681.0	572.3
937	160.2	2681.0	622.5	938	160.2	2681.0	652.8	939	-90.0	2250.7	1110.0
940	160.2	2742.9	120.2	941	160.2	2742.9	170.5	942	160.2	2742.9	220.7
943	160.2	2742.9	270.9	944	160.2	2742.9	321.2	945	160.2	2742.9	371.4
946	160.2	2742.9	421.6	947	160.2	2742.9	471.8	948	160.2	2742.9	522.1
949	160.2	2742.9	572.3	950	160.2	2742.9	622.5	951	160.2	2742.9	652.8
952	-90.0	2285.5	1110.0	953	160.2	2804.7	120.2	954	160.2	2804.7	170.5
955	160.2	2804.7	220.7	956	160.2	2804.7	270.9	957	160.2	2804.7	321.2
958	160.2	2811.4	371.4	959	160.2	2804.7	421.6	960	160.2	2804.7	471.8
961	160.2	2804.7	522.1	962	160.2	2804.7	572.3	963	437.5	2866.6	652.8
964	707.5	3824.7	1110.0	965	653.8	3894.9	1110.0	966	50.0	2495.4	120.2
967	105.1	2495.4	120.2	968	50.0	2495.4	170.5	969	105.1	2495.4	170.5
970	50.0	2495.4	220.7	971	105.1	2495.4	220.7	972	50.0	2495.4	270.9
973	105.1	2495.4	270.9	974	50.0	2495.4	321.2	975	105.1	2495.4	321.2
976	50.0	2495.4	371.4	977	105.1	2495.4	371.4	978	50.0	2495.4	421.6
979	105.1	2495.4	421.6	980	50.0	2495.4	471.8	981	105.1	2495.4	471.8
982	50.0	2495.4	522.1	983	105.1	2495.4	522.1	984	50.0	2495.4	572.3
985	105.1	2495.4	572.3	986	50.0	2495.4	622.5	987	105.1	2495.4	622.5
988	50.0	2495.4	652.8	989	105.1	2495.4	652.8	990	50.0	2495.4	723.0
991	105.1	2495.4	723.0	992	50.0	2439.5	120.2	993	50.0	2439.5	170.5
994	50.0	2439.5	220.7	995	50.0	2439.5	270.9	996	50.0	2439.5	321.2
997	50.0	2439.5	371.4	998	50.0	2439.5	421.6	999	50.0	2439.5	471.8
1000	50.0	2439.5	522.1	1001	50.0	2439.5	572.3	1002	50.0	2439.5	622.5
1003	50.0	2439.5	672.8	1004	50.0	2439.5	723.0	1005	50.0	2383.6	120.2
1006	50.0	2383.6	170.5	1007	50.0	2383.6	220.7	1008	50.0	2383.6	270.9
1009	50.0	2383.6	321.2	1010	50.0	2383.6	371.4	1011	50.0	2383.6	421.6
1012	50.0	2383.6	471.8	1013	50.0	2383.6	522.1	1014	50.0	2383.6	572.3
1015	50.0	2383.6	622.5	1016	50.0	2383.6	672.8	1017	50.0	2383.6	723.0
1018	50.0	2327.7	120.2	1019	50.0	2327.7	170.5	1020	50.0	2327.7	220.7
1021	50.0	2327.7	270.9	1022	50.0	2327.7	321.2	1023	50.0	2327.7	371.4
1024	50.0	2327.7	421.6	1025	50.0	2327.7	471.8	1026	50.0	2327.7	522.1
1027	50.0	2327.7	572.3	1028	50.0	2327.7	622.5	1029	50.0	2327.7	672.8
1030	50.0	2327.7	723.0	1031	50.0	2271.8	120.2	1032	50.0	2271.8	170.5
1033	50.0	2271.8	220.7	1034	50.0	2271.8	270.9	1035	50.0	2271.8	321.2
1036	50.0	2271.8	371.4	1037	50.0	2271.8	421.6	1038	50.0	2271.8	471.8
1039	50.0	2271.8	522.1	1040	50.0	2271.8	572.3	1041	50.0	2271.8	622.5
1042	50.0	2271.8	672.8	1043	50.0	2271.8	723.0	1044	50.0	2215.9	120.2
1045	50.0	2215.9	170.5	1046	50.0	2215.9	220.7	1047	50.0	2215.9	270.9
1048	50.0	2215.9	321.2	1049	50.0	2215.9	371.4	1050	50.0	2215.9	421.6
1051	50.0	2215.9	471.8	1052	50.0	2215.9	522.1	1053	50.0	2215.9	572.3
1054	50.0	2215.9	622.5	1055	50.0	2215.9	672.8	1056	50.0	2215.9	723.0
1057	50.0	2160.0	120.2	1058	50.0	2160.0	170.5	1059	50.0	2160.0	220.7
1060	50.0	2160.0	270.9	1061	50.0	2160.0	321.2	1062	50.0	2160.0	371.4
1063	50.0	2160.0	421.6	1064	50.0	2160.0	471.8	1065	50.0	2160.0	522.1
1066	50.0	2160.0	572.3	1067	50.0	2160.0	622.5	1068	50.0	2160.0	672.8
1069	50.0	2160.0	723.0	1070	160.2	2495.4	770.4	1071	105.1	2495.4	770.4
1072	160.2	2495.4	817.8	1073	105.1	2495.4	817.8	1074	160.2	2495.4	865.2
1075	105.1	2495.4	865.2	1076	160.2	2495.4	912.6	1077	105.1	2495.4	912.6
1078	160.2	2495.4	960.0	1079	105.1	2495.4	960.0	1080	50.0	2495.4	770.4
1081	50.0	2495.4	817.8	1082	50.0	2495.4	865.2	1083	50.0	2495.4	912.6
1084	50.0	2495.4	960.0	1085	50.0	2439.5	770.4	1086	50.0	2439.5	817.8
1087	50.0	2439.5	865.2	1088	50.0	2439.5	912.6	1089	50.0	2439.5	960.0
1090	50.0	2383.6	770.4	1091	50.0	2383.6	817.8	1092	50.0	2383.6	865.2
1093	50.0	2383.6	912.6	1094	50.0	2383.6	960.0	1095	50.0	2327.7	770.4
1096	50.0	2327.7	817.8	1097	50.0	2327.7	865.2	1098	50.0	2327.7	912.6

Firmato digitalmente da: Cogliati Massimo
Firmato il 20/03/2024 18:24
Seriale Certificato: 8202565
Valido dal 01/09/2023 al 01/09/2026
Actalis Qualified Electronic Seal CA 1

1099	50.0	2327.7	960.0	1100	50.0	2271.8	770.4	1101	50.0	2271.8	817.8
1102	50.0	2271.8	865.2	1103	50.0	2271.8	912.6	1104	50.0	2271.8	960.0
1105	50.0	2215.9	760.0	1106	50.0	2215.9	817.8	1107	50.0	2215.9	865.2
1108	50.0	2215.9	912.6	1109	50.0	2215.9	960.0	1110	50.0	2160.0	770.4
1111	325.0	2160.0	817.8	1112	50.0	2160.0	865.2	1113	50.0	2160.0	912.6
1114	50.0	2160.0	960.0	1115	450.0	2787.9	1110.0	1116	212.5	2552.9	1110.0
1117	450.0	2561.7	1110.0	1118	75.0	3824.7	1110.0	1119	50.0	548.4	267.8
1120	50.0	548.4	317.2	1121	50.0	350.9	960.0	1122	50.0	548.4	366.7
1123	50.0	548.4	416.1	1124	50.0	285.0	960.0	1125	50.0	548.4	465.6
1126	50.0	548.4	515.0	1127	50.0	548.4	564.4	1128	50.0	548.4	613.9
1129	50.0	548.4	663.3	1130	50.0	548.4	712.8	1131	50.0	548.4	762.2
1132	50.0	548.4	811.7	1133	170.2	285.0	119.4	1134	130.2	285.0	119.4
1135	170.2	285.0	168.9	1136	50.0	416.7	960.0	1137	450.0	2670.4	1110.0
1138	579.8	74.8	620.0	1139	387.5	2561.7	1110.0	1140	212.5	2811.5	602.8
1141	130.2	285.0	168.9	1142	170.2	285.0	218.3	1143	130.2	285.0	218.3
1144	170.2	285.0	267.8	1145	130.2	285.0	267.8	1146	170.2	285.0	317.2
1147	130.2	285.0	317.2	1148	170.2	285.0	366.7	1149	130.2	285.0	366.7
1150	170.2	285.0	416.1	1151	130.2	285.0	416.1	1152	170.2	285.0	465.6
1153	130.2	285.0	465.6	1154	170.2	285.0	515.0	1155	130.2	285.0	515.0
1156	170.2	285.0	564.4	1157	130.2	285.0	564.4	1158	170.2	285.0	613.9
1159	130.2	285.0	613.9	1160	170.2	285.0	663.3	1161	50.0	680.0	960.0
1162	130.2	285.0	663.3	1163	170.2	285.0	712.8	1164	130.2	285.0	712.8
1165	170.2	285.0	762.2	1166	50.0	614.2	960.0	1167	130.2	285.0	762.2
1168	170.2	285.0	811.7	1169	130.2	285.0	811.7	1170	170.2	285.0	861.1
1171	50.0	548.4	960.0	1172	325.0	2561.7	1110.0	1173	437.5	2811.5	602.8
1174	262.5	2561.7	1110.0	1175	707.5	3859.8	1110.0	1176	130.2	285.0	861.1
1177	170.2	285.0	910.6	1178	387.5	2826.7	1110.0	1179	130.2	285.0	910.6
1180	170.2	285.0	960.0	1181	130.2	285.0	960.0	1182	90.1	285.0	119.4
1183	212.5	2576.5	602.8	1184	325.0	2826.7	1110.0	1185	50.0	548.4	861.1
1186	50.0	548.4	910.6	1187	707.5	3614.2	1647.0	1188	50.0	482.5	119.4
1189	50.0	482.5	168.9	1190	262.5	2826.7	1110.0	1191	50.0	482.5	218.3
1192	50.0	482.5	267.8	1193	50.0	482.5	317.2	1194	50.0	482.5	366.7
1195	50.0	482.5	416.1	1196	50.0	482.5	465.6	1197	50.0	482.5	515.0
1198	50.0	482.5	564.4	1199	-57.5	3003.6	1110.0	1200	575.0	663.6	1110.0
1201	575.0	1851.3	1110.0	1202	90.1	285.0	168.9	1203	90.1	285.0	218.3
1204	90.1	285.0	267.8	1205	90.1	285.0	317.2	1206	512.5	663.6	1110.0
1207	90.1	285.0	366.7	1208	90.1	285.0	416.1	1209	90.1	285.0	465.6
1210	90.1	285.0	515.0	1211	50.0	482.5	960.0	1212	437.5	2576.5	602.8
1213	50.0	482.5	613.9	1214	50.0	482.5	663.3	1215	450.0	663.6	1110.0
1216	50.0	482.5	712.8	1217	50.0	482.5	762.2	1218	512.5	1851.3	1110.0
1219	50.0	482.5	811.7	1220	50.0	482.5	861.1	1221	50.0	482.5	910.6
1222	50.0	416.7	119.4	1223	50.0	416.7	168.9	1224	50.0	416.7	218.3
1225	50.0	416.7	267.8	1226	50.0	416.7	317.2	1227	387.5	663.6	1110.0
1228	575.0	3043.1	1110.0	1229	325.0	663.6	1110.0	1230	90.1	285.0	564.4
1231	90.1	285.0	613.9	1232	90.1	285.0	663.3	1233	90.1	285.0	712.8
1234	90.1	285.0	762.2	1235	90.1	285.0	811.7	1236	90.1	285.0	861.1
1237	90.1	285.0	910.6	1238	90.1	285.0	960.0	1239	450.0	1851.3	1110.0
1240	262.5	663.6	1110.0	1241	575.0	285.0	1636.0	1242	200.0	663.6	1110.0
1243	387.5	1851.3	1110.0	1244	50.0	285.0	119.4	1245	50.0	285.0	168.9
1246	50.0	285.0	218.3	1247	137.5	663.6	1110.0	1248	512.5	3043.1	1110.0
1249	75.0	663.6	1110.0	1250	325.0	1851.3	1110.0	1251	575.0	712.9	1110.0
1252	50.0	285.0	267.8	1253	50.0	285.0	317.2	1254	50.0	285.0	366.7
1255	50.0	285.0	416.1	1256	50.0	285.0	465.6	1257	50.0	285.0	515.0
1258	50.0	285.0	564.4	1259	50.0	285.0	613.9	1260	50.0	285.0	663.3
1261	50.0	285.0	712.8	1262	50.0	350.9	119.4	1263	50.0	350.9	168.9
1264	50.0	350.9	218.3	1265	50.0	350.9	267.8	1266	50.0	350.9	317.2
1267	50.0	350.9	366.7	1268	50.0	350.9	416.1	1269	50.0	350.9	465.6
1270	50.0	350.9	515.0	1271	50.0	350.9	564.4	1272	50.0	350.9	613.9
1273	50.0	350.9	663.3	1274	50.0	350.9	712.8	1275	50.0	285.0	762.2
1276	50.0	285.0	811.7	1277	50.0	285.0	861.1	1278	50.0	285.0	910.6
1279	575.0	2670.4	1110.0	1280	50.0	350.9	762.2	1281	50.0	350.9	811.7
1282	512.5	712.9	1110.0	1283	50.0	350.9	861.1	1284	50.0	350.9	910.6
1285	262.5	1851.3	1110.0	1286	450.0	712.9	1110.0	1287	170.2	330.0	1120.0
1288	387.5	712.9	1110.0	1289	50.0	416.7	366.7	1290	50.0	416.7	416.1
1291	200.0	1851.3	1110.0	1292	50.0	416.7	465.6	1293	50.0	416.7	515.0
1294	325.0	712.9	1110.0	1295	50.0	416.7	564.4	1296	50.0	416.7	613.9
1297	50.0	416.7	663.3	1298	50.0	416.7	712.8	1299	50.0	416.7	762.2
1300	50.0	416.7	811.7	1301	50.0	416.7	861.1	1302	50.0	416.7	910.6

Firmato digitalmente da: Fogli Massimo
Firmato il 01/09/2024 18:24
Serial Certificato: 2702755
Valido dal 01/09/2023 al 01/09/2026
Qualified Electronic

1303	512.5	2670.4	1110.0	1304	262.5	712.9	1110.0	1305	50.0	680.0	119.4
1306	50.0	614.2	119.4	1307	50.0	680.0	168.9	1308	50.0	614.2	168.9
1309	50.0	680.0	218.3	1310	50.0	614.2	218.3	1311	50.0	680.0	267.8
1312	50.0	614.2	267.8	1313	50.0	680.0	317.2	1314	50.0	614.2	317.2
1315	50.0	680.0	366.7	1316	50.0	614.2	366.7	1317	50.0	680.0	416.1
1318	50.0	614.2	416.1	1319	50.0	680.0	465.6	1320	50.0	614.2	465.6
1321	50.0	680.0	515.0	1322	50.0	614.2	515.0	1323	50.0	680.0	564.4
1324	50.0	614.2	564.4	1325	50.0	680.0	613.9	1326	50.0	614.2	613.9
1327	50.0	680.0	663.3	1328	50.0	614.2	663.3	1329	50.0	680.0	712.8
1330	50.0	614.2	712.8	1331	50.0	680.0	762.2	1332	50.0	614.2	760.0
1333	50.0	680.1	817.8	1334	50.0	614.2	817.8	1335	50.0	680.0	861.1
1336	50.0	614.2	865.2	1337	50.0	680.0	910.6	1338	50.0	614.2	912.6
1339	50.0	548.4	119.4	1340	50.0	548.4	168.9	1341	50.0	548.4	218.3
1342	50.0	548.4	1005.0	1343	50.0	482.5	1005.0	1344	50.0	548.4	1050.0
1345	50.0	482.5	1050.0	1346	50.0	548.4	1120.0	1347	50.0	482.5	1120.0
1348	50.0	416.7	1005.0	1349	50.0	416.7	1050.0	1350	50.0	416.7	1120.0
1351	50.0	350.9	1005.0	1352	50.0	350.9	1050.0	1353	50.0	350.9	1120.0
1354	50.0	285.0	1005.0	1355	50.0	285.0	1050.0	1356	50.0	285.0	1120.0
1357	90.1	285.0	1005.0	1358	90.1	285.0	1050.0	1359	75.0	285.0	1120.0
1360	130.2	285.0	1005.0	1361	130.2	285.0	1050.0	1362	130.2	285.0	1120.0
1363	170.2	285.0	1005.0	1364	170.2	285.0	1050.0	1365	170.2	285.0	1120.0
1366	170.2	236.0	119.4	1367	170.2	236.0	168.9	1368	170.2	236.0	218.3
1369	170.2	236.0	267.8	1370	170.2	236.0	317.2	1371	170.2	236.0	366.7
1372	170.2	236.0	416.1	1373	170.2	236.0	465.6	1374	170.2	236.0	515.0
1375	170.2	236.0	564.4	1376	170.2	236.0	613.9	1377	170.2	236.0	663.3
1378	170.2	236.0	712.8	1379	170.2	236.0	762.2	1380	170.2	236.0	811.7
1381	170.2	236.0	861.1	1382	170.2	236.0	910.6	1383	170.2	236.0	960.0
1384	170.2	186.9	119.4	1385	170.2	186.9	168.9	1386	170.2	186.9	218.3
1387	170.2	186.9	267.8	1388	170.2	186.9	317.2	1389	170.2	186.9	366.7
1390	170.2	186.9	416.1	1391	170.2	186.9	465.6	1392	170.2	186.9	515.0
1393	170.2	186.9	564.4	1394	170.2	186.9	613.9	1395	170.2	186.9	663.3
1396	170.2	186.9	712.8	1397	170.2	186.9	762.2	1398	170.2	186.9	811.7
1399	170.2	186.9	861.1	1400	170.2	186.9	910.6	1401	170.2	186.9	960.0
1402	170.2	137.9	119.4	1403	170.2	137.9	168.9	1404	170.2	137.9	218.3
1405	170.2	137.9	267.8	1406	170.2	137.9	317.2	1407	170.2	137.9	366.7
1408	170.2	137.9	416.1	1409	170.2	137.9	465.6	1410	170.2	137.9	515.0
1411	170.2	137.9	564.4	1412	170.2	137.9	613.9	1413	170.2	137.9	663.3
1414	170.2	137.9	712.8	1415	170.2	137.9	762.2	1416	170.2	137.9	811.7
1417	170.2	137.9	861.1	1418	170.2	137.9	910.6	1419	170.2	137.9	960.0
1420	170.2	88.8	119.4	1421	170.2	88.8	168.9	1422	170.2	88.8	218.3
1423	170.2	88.8	267.8	1424	170.2	88.8	317.2	1425	170.2	95.0	366.7
1426	170.2	88.8	416.1	1427	170.2	88.8	465.6	1428	170.2	88.8	515.0
1429	170.2	88.8	564.4	1430	170.2	74.8	620.0	1431	170.2	88.8	663.3
1432	170.2	95.0	712.8	1433	170.2	88.8	762.2	1434	170.2	88.8	811.7
1435	170.2	88.8	861.1	1436	170.2	88.8	910.6	1437	170.2	88.8	960.0
1438	170.2	39.8	119.4	1439	170.2	39.8	168.9	1440	170.2	39.8	218.3
1441	170.2	39.8	267.8	1442	170.2	39.8	317.2	1443	170.2	39.8	366.7
1444	170.2	39.8	416.1	1445	170.2	39.8	465.6	1446	170.2	39.8	515.0
1447	170.2	39.8	564.4	1448	170.2	39.8	613.9	1449	170.2	39.8	663.3
1450	170.2	39.8	712.8	1451	170.2	39.8	762.2	1452	170.2	39.8	811.7
1453	170.2	39.8	861.1	1454	170.2	39.8	910.6	1455	170.2	39.8	960.0
1456	208.9	39.8	119.4	1457	387.5	3405.2	1110.0	1458	208.9	39.8	168.9
1459	208.9	39.8	218.3	1460	208.9	39.8	267.8	1461	208.9	39.8	317.2
1462	212.5	39.8	366.7	1463	208.9	39.8	416.1	1464	208.9	39.8	465.6
1465	208.9	39.8	515.0	1466	208.9	39.8	564.4	1467	208.9	39.8	613.9
1468	208.9	39.8	663.3	1469	212.5	39.8	712.8	1470	208.9	39.8	762.2
1471	208.9	39.8	811.7	1472	208.9	39.8	861.1	1473	208.9	39.8	910.6
1474	208.9	39.8	960.0	1475	247.6	39.8	119.4	1476	707.5	3614.2	1110.0
1477	247.6	39.8	168.9	1478	247.6	39.8	218.3	1479	247.6	39.8	267.8
1480	247.6	39.8	317.2	1481	247.6	39.8	366.7	1482	247.6	39.8	416.1
1483	247.6	39.8	465.6	1484	247.6	39.8	515.0	1485	247.6	39.8	564.4
1486	247.6	39.8	613.9	1487	247.6	39.8	663.3	1488	247.6	39.8	712.8
1489	247.6	39.8	762.2	1490	247.6	39.8	811.7	1491	247.6	39.8	861.1
1492	247.6	39.8	910.6	1493	247.6	39.8	960.0	1494	286.3	39.8	119.4
1495	437.5	2576.5	371.4	1496	286.3	39.8	168.9	1497	286.3	39.8	218.3
1498	286.3	39.8	267.8	1499	286.3	39.8	317.2	1500	286.3	39.8	366.7
1501	286.3	39.8	416.1	1502	286.3	39.8	465.6	1503	286.3	39.8	515.0
1504	286.3	39.8	564.4	1505	286.3	39.8	613.9	1506	286.3	39.8	663.3

Firmato digitalmente da: Bolognini Massimo
Firmato il 07/05/2024 18:24
Serial Certificato: 3a02e55
Valido dal 07/09/2023 al
Firma Qualified Electronic Signature C.A.

1507	286.3	39.8	712.8	1508	286.3	39.8	762.2	1509	286.3	39.8	811.7
1510	286.3	39.8	861.1	1511	286.3	39.8	910.6	1512	286.3	39.8	960.0
1513	325.0	39.8	119.4	1514	325.0	39.8	168.9	1515	325.0	39.8	218.3
1516	325.0	39.8	267.8	1517	325.0	39.8	317.2	1518	325.0	39.8	366.7
1519	325.0	39.8	416.1	1520	325.0	39.8	465.6	1521	325.0	39.8	515.0
1522	325.0	39.8	564.4	1523	325.0	39.8	613.9	1524	325.0	39.8	663.3
1525	325.0	39.8	712.8	1526	325.0	39.8	762.2	1527	325.0	39.8	811.7
1528	325.0	39.8	861.1	1529	325.0	39.8	910.6	1530	325.0	39.8	960.0
1531	170.2	39.8	1005.0	1532	208.9	39.8	1005.0	1533	170.2	39.8	1050.0
1534	208.9	39.8	1050.0	1535	170.2	39.8	1120.0	1536	212.5	39.8	1120.0
1537	247.6	39.8	1005.0	1538	247.6	39.8	1050.0	1539	247.6	39.8	1120.0
1540	286.3	39.8	1005.0	1541	286.3	39.8	1050.0	1542	286.3	39.8	1120.0
1543	325.0	39.8	1005.0	1544	325.0	39.8	1050.0	1545	325.0	39.8	1120.0
1546	170.2	236.0	1005.0	1547	170.2	236.0	1050.0	1548	170.2	236.0	1120.0
1549	170.2	186.9	1005.0	1550	170.2	186.9	1050.0	1551	170.2	186.9	1120.0
1552	170.2	137.9	1005.0	1553	170.2	137.9	1050.0	1554	170.2	137.9	1120.0
1555	170.2	88.8	1005.0	1556	170.2	95.0	1050.0	1557	170.2	95.0	1120.0
1558	266.7	614.2	960.0	1559	212.5	614.2	960.0	1560	158.3	614.2	960.0
1561	104.2	614.2	960.0	1562	325.0	2215.9	817.8	1563	325.0	2215.9	865.2
1564	266.7	2215.9	817.8	1565	266.7	2215.9	865.2	1566	212.5	2215.9	817.8
1567	212.5	2215.9	865.2	1568	158.3	2215.9	817.8	1569	158.3	2215.9	865.2
1570	104.2	2215.9	817.8	1571	104.2	2215.9	865.2	1572	325.0	2215.9	912.6
1573	266.7	2215.9	912.6	1574	212.5	2215.9	912.6	1575	158.3	2215.9	912.6
1576	104.2	2215.9	912.6	1577	325.0	2215.9	960.0	1578	266.7	2215.9	960.0
1579	212.5	2215.9	960.0	1580	158.3	2215.9	960.0	1581	104.2	2215.9	960.0
1582	104.2	614.2	760.0	1583	325.0	2215.9	760.0	1584	266.7	2215.9	760.0
1585	212.5	2215.9	760.0	1586	158.3	2215.9	760.0	1587	104.2	2215.9	760.0
1588	137.5	1851.3	1110.0	1589	200.0	712.9	1110.0	1590	450.0	3043.1	1110.0
1591	137.5	712.9	1110.0	1592	75.0	1851.3	1110.0	1593	325.0	614.2	760.0
1594	266.7	614.2	760.0	1595	212.5	614.2	760.0	1596	158.3	614.2	760.0
1597	325.0	614.2	817.8	1598	325.0	614.2	865.2	1599	266.7	614.2	817.8
1600	266.7	614.2	865.2	1601	212.5	614.2	817.8	1602	212.5	614.2	865.2
1603	158.3	614.2	817.8	1604	158.3	614.2	865.2	1605	104.2	614.2	817.8
1606	104.2	614.2	865.2	1607	325.0	614.2	912.6	1608	266.7	614.2	912.6
1609	212.5	614.2	912.6	1610	158.3	614.2	912.6	1611	104.2	614.2	912.6
1612	325.0	614.2	960.0	1613	75.0	712.9	1110.0	1614	325.0	548.3	1120.0
1615	170.2	548.3	1120.0	1616	90.1	350.9	1120.0	1617	90.1	416.7	1120.0
1618	90.1	482.5	1120.0	1619	75.0	548.4	1120.0	1620	130.2	350.9	1120.0
1621	130.2	416.7	1120.0	1622	130.2	482.5	1120.0	1623	130.2	548.4	1120.0
1624	170.2	350.9	1120.0	1625	170.2	416.7	1120.0	1626	170.2	482.5	1120.0
1627	221.8	350.9	1120.0	1628	200.0	3405.2	1110.0	1629	221.8	416.7	1120.0
1630	221.8	482.5	1120.0	1631	221.8	548.4	1120.0	1632	273.4	350.9	1120.0
1633	75.0	285.0	1636.0	1634	273.4	416.7	1120.0	1635	273.4	482.5	1120.0
1636	273.4	548.4	1120.0	1637	325.0	350.9	1120.0	1638	325.0	416.7	1120.0
1639	325.0	482.5	1120.0	1640	650.0	3279.9	0.0	1641	650.0	3279.9	35.0
1642	595.8	3279.9	35.0	1643	595.8	3279.9	0.0	1644	650.0	3279.9	70.0
1645	595.8	3279.9	70.0	1646	541.7	3279.9	35.0	1647	541.7	3279.9	0.0
1648	541.7	3279.9	70.0	1649	487.5	3279.9	35.0	1650	487.5	3279.9	0.0
1651	487.5	3279.9	70.0	1652	433.3	3279.9	35.0	1653	433.3	3279.9	0.0
1654	433.3	3279.9	70.0	1655	379.2	3279.9	35.0	1656	379.2	3279.9	0.0
1657	379.2	3279.9	70.0	1658	575.0	762.3	1110.0	1659	387.5	3043.1	1110.0
1660	512.5	762.3	1110.0	1661	479.8	330.0	1120.0	1662	450.0	762.3	1110.0
1663	379.7	2866.6	35.0	1664	379.7	2866.6	0.0	1665	325.0	3043.1	1110.0
1666	379.7	2866.6	70.0	1667	434.8	2866.6	35.0	1668	434.8	2866.6	0.0
1669	434.9	2866.6	70.0	1670	489.8	2866.6	35.0	1671	489.8	2866.6	0.0
1672	489.8	2866.6	70.0	1673	489.8	2804.7	35.0	1674	489.8	2782.0	0.0
1675	489.8	2804.7	70.0	1676	489.8	2742.9	35.0	1677	489.8	2732.4	0.0
1678	489.8	2742.9	70.0	1679	489.8	2681.0	35.0	1680	489.8	2682.7	0.0
1681	489.8	2681.0	70.0	1682	489.8	2619.1	35.0	1683	489.8	2633.0	0.0
1684	489.8	2619.1	70.0	1685	489.8	2557.2	35.0	1686	489.8	2533.4	0.0
1687	489.8	2557.2	70.0	1688	489.8	2495.4	35.0	1689	489.8	2495.4	0.0
1690	489.8	2495.4	70.0	1691	544.9	2495.4	35.0	1692	544.9	2495.4	0.0
1693	544.9	2495.4	70.0	1694	600.0	2495.4	35.0	1695	600.0	2495.4	0.0
1696	600.0	2495.4	70.0	1697	600.0	2439.5	35.0	1698	600.0	2439.5	0.0
1699	600.0	2439.5	70.0	1700	600.0	2383.6	35.0	1701	600.0	2383.6	0.0
1702	600.0	2383.6	70.0	1703	600.0	2327.7	35.0	1704	600.0	2327.7	0.0
1705	600.0	2327.7	70.0	1706	600.0	2271.8	35.0	1707	600.0	2271.8	0.0
1708	600.0	2271.8	70.0	1709	600.0	2215.9	35.0	1710	600.0	2215.9	0.0

Firmato digitalmente da: Fogagni Massimo
Firmato il 20/09/2024 18:24
Serial Certificato: 2992f55
Valido dal 01/09/2023 al 01/09/2026
InfoCert Qualified Electronic Signature

1711	600.0	2215.9	70.0	1712	600.0	2160.0	35.0	1713	600.0	2160.0	0.0
1714	600.0	2160.0	70.0	1715	600.0	680.0	0.0	1716	600.0	680.0	35.0
1717	600.0	614.2	35.0	1718	600.0	614.2	0.0	1719	600.0	680.0	70.0
1720	600.0	614.2	70.0	1721	600.0	548.4	35.0	1722	600.0	548.4	0.0
1723	600.0	548.4	70.0	1724	600.0	482.5	35.0	1725	600.0	482.5	0.0
1726	600.0	482.5	70.0	1727	600.0	416.7	35.0	1728	600.0	416.7	0.0
1729	600.0	416.7	70.0	1730	600.0	350.9	35.0	1731	600.0	350.9	0.0
1732	600.0	350.9	70.0	1733	600.0	285.0	35.0	1734	600.0	285.0	0.0
1735	600.0	285.0	70.0	1736	559.9	285.0	35.0	1737	559.9	285.0	0.0
1738	559.9	285.0	70.0	1739	519.8	285.0	35.0	1740	519.8	285.0	0.0
1741	519.8	285.0	70.0	1742	479.8	285.0	35.0	1743	479.8	285.0	0.0
1744	479.8	285.0	70.0	1745	479.8	236.0	35.0	1746	479.8	236.0	0.0
1747	479.8	236.0	70.0	1748	479.8	186.9	35.0	1749	479.8	186.9	0.0
1750	479.8	186.9	70.0	1751	479.8	137.9	35.0	1752	479.8	137.9	0.0
1753	479.8	137.9	70.0	1754	479.8	88.8	35.0	1755	479.8	88.8	0.0
1756	479.8	88.8	70.0	1757	479.8	39.8	35.0	1758	479.8	39.8	0.0
1759	479.8	39.8	70.0	1760	441.0	39.8	35.0	1761	441.0	39.8	0.0
1762	441.1	39.8	70.0	1763	402.3	39.8	35.0	1764	402.3	39.8	0.0
1765	402.4	39.8	70.0	1766	363.5	39.8	35.0	1767	363.5	39.8	0.0
1768	363.7	39.8	70.0	1769	387.5	762.3	1110.0	1770	137.5	2670.4	1110.0
1771	325.0	762.3	1110.0	1772	650.0	3409.9	0.0	1773	575.0	285.0	1120.0
1774	650.0	-8.88e-06	0.0	1775	262.5	762.3	1110.0	1776	75.0	2670.4	1110.0
1777	200.0	762.3	1110.0	1778	650.0	49.7	0.0	1779	650.0	99.4	0.0
1780	650.0	149.1	0.0	1781	650.0	198.8	0.0	1782	650.0	248.5	0.0
1783	650.0	298.2	0.0	1784	650.0	347.9	0.0	1785	650.0	397.6	0.0
1786	650.0	447.3	0.0	1787	650.0	496.9	0.0	1788	650.0	546.6	0.0
1789	650.0	596.3	0.0	1790	650.0	646.0	0.0	1791	650.0	695.7	0.0
1792	650.0	745.4	0.0	1793	650.0	795.1	0.0	1794	650.0	844.8	0.0
1795	650.0	894.5	0.0	1796	650.0	944.2	0.0	1797	650.0	993.9	0.0
1798	650.0	1043.6	0.0	1799	650.0	1093.3	0.0	1800	650.0	1143.0	0.0
1801	650.0	1192.7	0.0	1802	650.0	1242.4	0.0	1803	650.0	1292.1	0.0
1804	650.0	1341.8	0.0	1805	650.0	1391.5	0.0	1806	650.0	1441.1	0.0
1807	650.0	1490.8	0.0	1808	650.0	1540.5	0.0	1809	650.0	1590.2	0.0
1810	650.0	1639.9	0.0	1811	650.0	1689.6	0.0	1812	650.0	1739.3	0.0
1813	650.0	1789.0	0.0	1814	650.0	1838.7	0.0	1815	650.0	1888.4	0.0
1816	650.0	1938.1	0.0	1817	650.0	1987.8	0.0	1818	650.0	2037.5	0.0
1819	650.0	2087.2	0.0	1820	650.0	2136.9	0.0	1821	650.0	2186.6	0.0
1822	650.0	2236.3	0.0	1823	650.0	2286.0	0.0	1824	650.0	2335.7	0.0
1825	650.0	2385.3	0.0	1826	650.0	2435.0	0.0	1827	650.0	2484.7	0.0
1828	650.0	2534.4	0.0	1829	650.0	2584.1	0.0	1830	650.0	2633.8	0.0
1831	650.0	2683.5	0.0	1832	650.0	2733.2	0.0	1833	650.0	2782.9	0.0
1834	650.0	2832.6	0.0	1835	650.0	2882.3	0.0	1836	650.0	2932.0	0.0
1837	650.0	2981.7	0.0	1838	650.0	3031.4	0.0	1839	650.0	3081.1	0.0
1840	650.0	3130.8	0.0	1841	650.0	3180.5	0.0	1842	650.0	3230.2	0.0
1843	650.0	3323.2	0.0	1844	650.0	3366.5	0.0	1845	603.6	3409.9	0.0
1846	557.1	3409.9	0.0	1847	510.7	3409.9	0.0	1848	464.3	3409.9	0.0
1849	417.9	3409.9	0.0	1850	371.4	3409.9	0.0	1851	262.5	3043.1	1110.0
1852	137.5	762.3	1110.0	1853	70.2	74.8	620.0	1854	75.0	762.3	1110.0
1855	200.0	3043.1	1110.0	1856	575.0	811.7	1110.0	1857	575.0	2846.7	1110.0
1858	512.5	811.7	1110.0	1859	575.0	3859.8	1110.0	1860	450.0	811.7	1110.0
1861	512.5	2846.7	1110.0	1862	387.5	811.7	1110.0	1863	137.5	3043.1	1110.0
1864	325.0	811.7	1110.0	1865	200.0	2811.5	1110.0	1866	262.5	811.7	1110.0
1867	75.0	3043.1	1110.0	1868	200.0	811.7	1110.0	1869	512.5	3859.8	1110.0
1870	137.5	811.7	1110.0	1871	-57.5	3894.9	1647.0	1872	75.0	811.7	1110.0
1873	137.5	2846.7	1110.0	1874	575.0	861.1	1110.0	1875	575.0	2552.9	1110.0
1876	512.5	861.1	1110.0	1877	450.0	3859.8	1110.0	1878	450.0	861.1	1110.0
1879	512.5	2552.9	1110.0	1880	387.5	861.1	1110.0	1881	75.0	2846.7	1110.0
1882	325.0	861.1	1110.0	1883	450.0	2552.9	1110.0	1884	262.5	861.1	1110.0
1885	212.5	2826.7	1110.0	1886	200.0	861.1	1110.0	1887	387.5	2552.9	1110.0
1888	137.5	861.1	1110.0	1889	387.5	3859.8	1110.0	1890	75.0	861.1	1110.0
1891	325.0	2552.9	1110.0	1892	575.0	910.4	1110.0	1893	325.0	3894.9	1786.0
1894	512.5	910.4	1110.0	1895	262.5	2552.9	1110.0	1896	450.0	910.4	1110.0
1897	325.0	3859.8	1110.0	1898	387.5	910.4	1110.0	1899	200.0	2552.9	1110.0
1900	325.0	910.4	1110.0	1901	450.0	2811.5	1110.0	1902	262.5	910.4	1110.0
1903	137.5	2552.9	1110.0	1904	200.0	910.4	1110.0	1905	262.5	3859.8	1110.0
1906	137.5	910.4	1110.0	1907	75.0	2552.9	1110.0	1908	75.0	910.4	1110.0
1909	437.5	2826.7	1110.0	1910	575.0	959.8	1110.0	1911	575.0	1903.4	1110.0
1912	512.5	959.8	1110.0	1913	575.0	2320.3	1110.0	1914	450.0	959.8	1110.0

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Serial Certificato: 2702265
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature CA

1915	512.5	1903.4	1110.0	1916	387.5	959.8	1110.0	1917	371.4	-5.33e-04	0.0
1918	417.9	-4.46e-04	0.0	1919	464.3	-3.58e-04	0.0	1920	510.7	-2.71e-04	0.0
1921	557.1	-1.84e-04	0.0	1922	603.6	-9.63e-05	0.0	1923	602.9	48.9	0.0
1924	602.0	98.5	0.0	1925	602.2	148.1	0.0	1926	602.0	198.1	0.0
1927	601.4	248.3	0.0	1928	575.0	3572.4	1110.0	1929	325.0	959.8	1110.0
1930	450.0	1903.4	1110.0	1931	600.0	447.2	0.0	1932	262.5	959.8	1110.0
1933	512.5	2320.3	1110.0	1934	200.0	959.8	1110.0	1935	600.0	646.0	0.0
1936	387.5	1903.4	1110.0	1937	600.3	745.4	0.0	1938	600.3	795.1	0.0
1939	600.3	844.8	0.0	1940	601.1	894.0	0.0	1941	601.1	943.8	0.0
1942	600.3	993.9	0.0	1943	600.3	1043.6	0.0	1944	600.3	1093.3	0.0
1945	601.1	1143.0	0.0	1946	600.3	1192.7	0.0	1947	600.3	1242.4	0.0
1948	600.3	1292.1	0.0	1949	600.3	1341.8	0.0	1950	600.3	1391.5	0.0
1951	600.3	1441.1	0.0	1952	600.3	1490.8	0.0	1953	600.3	1540.5	0.0
1954	600.3	1590.2	0.0	1955	600.3	1639.9	0.0	1956	600.3	1689.6	0.0
1957	600.3	1739.3	0.0	1958	600.3	1789.0	0.0	1959	600.3	1838.7	0.0
1960	600.3	1888.4	0.0	1961	600.3	1938.1	0.0	1962	600.3	1987.8	0.0
1963	600.3	2037.5	0.0	1964	600.3	2087.2	0.0	1965	137.5	959.8	1110.0
1966	600.0	2186.6	0.0	1967	200.0	3859.8	1110.0	1968	75.0	959.8	1110.0
1969	325.0	1903.4	1110.0	1970	450.0	2320.3	1110.0	1971	262.5	1903.4	1110.0
1972	512.5	3572.4	1110.0	1973	600.3	2534.4	0.0	1974	600.3	2584.1	0.0
1975	600.3	2633.8	0.0	1976	600.3	2683.5	0.0	1977	600.3	2733.2	0.0
1978	600.3	2782.9	0.0	1979	600.7	2832.5	0.0	1980	600.8	2882.3	0.0
1981	600.3	2932.0	0.0	1982	601.0	2981.4	0.0	1983	600.9	3031.2	0.0
1984	600.3	3081.1	0.0	1985	600.3	3130.8	0.0	1986	601.9	3180.0	0.0
1987	602.6	3229.1	0.0	1988	200.0	1903.4	1110.0	1989	603.2	3322.5	0.0
1990	603.7	3365.9	0.0	1991	556.4	3366.1	0.0	1992	508.7	3366.3	0.0
1993	458.5	3368.9	0.0	1994	406.8	3374.3	0.0	1995	363.0	3382.9	0.0
1996	368.9	3331.9	0.0	1997	387.5	2320.3	1110.0	1998	370.6	3230.6	0.0
1999	371.5	3180.3	0.0	2000	373.1	3130.4	0.0	2001	373.1	3080.5	0.0
2002	372.3	3030.8	0.0	2003	372.8	2980.9	0.0	2004	373.0	2931.0	0.0
2005	373.5	2881.2	0.0	2006	373.2	2831.4	0.0	2007	373.5	2781.6	0.0
2008	373.1	2731.6	0.0	2009	372.6	2681.8	0.0	2010	372.0	2632.1	0.0
2011	372.2	2582.2	0.0	2012	372.1	2532.3	0.0	2013	372.8	2482.6	0.0
2014	372.8	2432.7	0.0	2015	372.2	2382.9	0.0	2016	372.5	2333.0	0.0
2017	372.1	2283.1	0.0	2018	372.4	2233.2	0.0	2019	372.7	2183.4	0.0
2020	374.8	2133.4	0.0	2021	373.0	2083.7	0.0	2022	373.3	2033.9	0.0
2023	372.9	1984.1	0.0	2024	372.8	1934.3	0.0	2025	372.9	1884.4	0.0
2026	374.7	1838.7	0.0	2027	374.7	1789.0	0.0	2028	371.9	1739.3	0.0
2029	372.3	1689.6	0.0	2030	372.0	1639.9	0.0	2031	372.1	1590.2	0.0
2032	373.4	1540.5	0.0	2033	372.4	1490.8	0.0	2034	372.6	1441.1	0.0
2035	371.5	1391.5	0.0	2036	371.4	1341.8	0.0	2037	371.6	1292.1	0.0
2038	371.5	1242.4	0.0	2039	371.2	1192.7	0.0	2040	371.3	1143.0	0.0
2041	372.1	1093.3	0.0	2042	371.9	1043.6	0.0	2043	371.6	993.9	0.0
2044	372.3	937.7	0.0	2045	372.5	887.8	0.0	2046	372.6	838.0	0.0
2047	372.6	788.1	0.0	2048	372.2	738.3	0.0	2049	372.6	688.3	0.0
2050	372.6	638.6	0.0	2051	372.6	588.7	0.0	2052	371.5	539.2	0.0
2053	371.2	489.6	0.0	2054	371.0	439.8	0.0	2055	371.3	389.9	0.0
2056	371.6	339.8	0.0	2057	372.4	289.6	0.0	2058	372.0	239.6	0.0
2059	371.7	188.9	0.0	2060	371.3	136.9	0.0	2061	369.6	81.3	0.0
2062	489.8	2831.8	0.0	2063	137.5	1903.4	1110.0	2064	-57.5	3043.1	1110.0
2065	509.1	46.4	0.0	2066	556.2	47.9	0.0	2067	555.7	96.8	0.0
2068	555.3	146.5	0.0	2069	554.8	196.7	0.0	2070	554.2	246.7	0.0
2071	75.0	1903.4	1110.0	2072	553.1	346.9	0.0	2073	553.3	396.5	0.0
2074	553.1	446.3	0.0	2075	552.4	496.2	0.0	2076	552.2	545.9	0.0
2077	552.1	595.7	0.0	2078	552.2	645.4	0.0	2079	552.2	695.1	0.0
2080	550.6	745.4	0.0	2081	550.6	795.1	0.0	2082	552.2	844.3	0.0
2083	552.0	894.0	0.0	2084	552.9	943.4	0.0	2085	553.2	993.9	0.0
2086	553.1	1043.6	0.0	2087	552.6	1093.3	0.0	2088	552.4	1143.0	0.0
2089	552.2	1192.7	0.0	2090	550.6	1242.4	0.0	2091	550.6	1292.1	0.0
2092	552.1	1341.8	0.0	2093	551.9	1391.5	0.0	2094	552.7	1441.1	0.0
2095	552.9	1490.8	0.0	2096	552.9	1540.5	0.0	2097	551.7	1590.2	0.0
2098	552.1	1639.9	0.0	2099	552.1	1689.6	0.0	2100	550.6	1739.3	0.0
2101	550.6	1789.0	0.0	2102	550.6	1838.7	0.0	2103	551.9	1888.0	0.0
2104	552.4	1937.6	0.0	2105	551.9	1987.4	0.0	2106	550.6	2037.5	0.0
2107	551.7	2087.0	0.0	2108	551.9	2136.6	0.0	2109	550.6	2186.6	0.0
2110	550.6	2236.3	0.0	2111	550.6	2286.0	0.0	2112	550.6	2335.7	0.0
2113	552.3	2385.1	0.0	2114	553.2	2434.9	0.0	2115	325.0	2320.3	1110.0
2116	552.0	2534.4	0.0	2117	552.0	2583.9	0.0	2118	552.0	2633.6	0.0

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Serial Certificato: 2702265
Valido dal 01/09/2023 al 01/09/2026
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2119	550.6	2683.5	0.0	2120	550.6	2733.2	0.0	2121	551.6	2782.7	0.0
2122	552.1	2832.4	0.0	2123	552.2	2882.3	0.0	2124	551.8	2932.1	0.0
2125	552.4	2981.7	0.0	2126	552.5	3031.2	0.0	2127	553.5	3080.8	0.0
2128	554.0	3130.5	0.0	2129	554.5	3180.0	0.0	2130	555.4	3228.8	0.0
2131	450.0	3572.4	1110.0	2132	555.8	3321.8	0.0	2133	509.2	3321.6	0.0
2134	461.3	3322.6	0.0	2135	412.7	3327.1	0.0	2136	262.5	2320.3	1110.0
2137	416.2	3229.9	0.0	2138	417.5	3180.5	0.0	2139	418.5	3130.8	0.0
2140	418.5	3081.1	0.0	2141	418.1	3031.3	0.0	2142	418.6	2981.4	0.0
2143	420.3	2931.4	0.0	2144	421.1	2881.1	0.0	2145	437.5	2811.5	0.0
2146	418.8	2781.6	0.0	2147	419.0	2731.7	0.0	2148	419.2	2681.9	0.0
2149	418.0	2632.1	0.0	2150	437.5	2576.5	0.0	2151	418.5	2532.6	0.0
2152	417.9	2482.9	0.0	2153	417.6	2433.1	0.0	2154	417.5	2383.3	0.0
2155	417.4	2333.6	0.0	2156	417.7	2283.7	0.0	2157	417.6	2233.9	0.0
2158	418.4	2183.9	0.0	2159	418.4	2133.9	0.0	2160	417.8	2084.4	0.0
2161	418.2	2034.5	0.0	2162	418.5	1984.7	0.0	2163	418.4	1934.9	0.0
2164	419.0	1885.1	0.0	2165	418.3	1838.7	0.0	2166	418.8	1789.0	0.0
2167	418.9	1739.3	0.0	2168	419.1	1689.6	0.0	2169	418.8	1639.9	0.0
2170	417.8	1590.2	0.0	2171	417.9	1540.5	0.0	2172	418.5	1490.8	0.0
2173	416.9	1441.1	0.0	2174	416.6	1391.5	0.0	2175	416.7	1341.8	0.0
2176	417.5	1292.1	0.0	2177	417.7	1242.4	0.0	2178	417.6	1192.7	0.0
2179	417.3	1143.0	0.0	2180	417.7	1093.3	0.0	2181	417.7	1043.6	0.0
2182	417.4	993.9	0.0	2183	417.1	939.4	0.0	2184	417.8	889.4	0.0
2185	418.0	839.3	0.0	2186	418.2	789.2	0.0	2187	418.1	739.5	0.0
2188	418.2	689.6	0.0	2189	418.2	639.8	0.0	2190	417.5	590.1	0.0
2191	417.2	540.4	0.0	2192	416.6	491.0	0.0	2193	416.6	441.3	0.0
2194	416.6	391.5	0.0	2195	437.5	330.0	0.0	2196	417.1	291.4	0.0
2197	418.0	240.8	0.0	2198	417.7	190.1	0.0	2199	417.6	139.2	0.0
2200	437.5	95.0	0.0	2201	137.5	3859.8	1110.0	2202	509.4	94.5	0.0
2203	509.4	144.2	0.0	2204	508.9	194.5	0.0	2205	508.1	244.9	0.0
2206	200.0	2320.3	1110.0	2207	506.8	345.4	0.0	2208	506.5	395.2	0.0
2209	506.2	445.0	0.0	2210	505.9	494.8	0.0	2211	505.6	544.7	0.0
2212	505.6	594.4	0.0	2213	505.7	644.0	0.0	2214	505.9	693.8	0.0
2215	505.7	743.6	0.0	2216	505.7	793.3	0.0	2217	506.0	843.2	0.0
2218	506.1	892.8	0.0	2219	506.4	942.4	0.0	2220	506.9	993.9	0.0
2221	506.7	1043.6	0.0	2222	506.6	1093.3	0.0	2223	506.2	1143.0	0.0
2224	505.8	1192.7	0.0	2225	505.8	1242.4	0.0	2226	505.7	1292.1	0.0
2227	505.6	1341.8	0.0	2228	505.3	1391.5	0.0	2229	505.5	1441.1	0.0
2230	506.4	1490.8	0.0	2231	506.9	1540.5	0.0	2232	506.7	1590.2	0.0
2233	506.1	1639.9	0.0	2234	505.6	1689.6	0.0	2235	504.9	1739.3	0.0
2236	505.0	1789.0	0.0	2237	505.4	1838.7	0.0	2238	505.2	1887.3	0.0
2239	505.4	1937.0	0.0	2240	506.0	1986.6	0.0	2241	505.8	2036.6	0.0
2242	505.5	2086.3	0.0	2243	505.1	2136.0	0.0	2244	505.1	2185.6	0.0
2245	505.7	2235.5	0.0	2246	506.0	2285.3	0.0	2247	506.1	2335.1	0.0
2248	506.8	2384.9	0.0	2249	506.7	2434.4	0.0	2250	506.0	2484.1	0.0
2251	506.1	2533.7	0.0	2252	505.1	2583.5	0.0	2253	505.2	2633.2	0.0
2254	504.9	2682.9	0.0	2255	505.7	2732.7	0.0	2256	505.8	2782.2	0.0
2257	506.1	2832.0	0.0	2258	505.0	2882.0	0.0	2259	504.4	2932.2	0.0
2260	504.4	2982.0	0.0	2261	506.2	3031.5	0.0	2262	506.8	3081.1	0.0
2263	507.5	3130.6	0.0	2264	508.6	3180.1	0.0	2265	508.8	3229.0	0.0
2266	509.2	3275.8	0.0	2267	462.3	3276.9	0.0	2268	387.5	3572.4	1110.0
2269	462.6	3229.3	0.0	2270	462.9	3180.4	0.0	2271	463.0	3131.0	0.0
2272	462.6	3081.4	0.0	2273	461.3	3031.6	0.0	2274	462.6	2982.2	0.0
2275	462.6	2932.1	0.0	2276	462.8	2881.7	0.0	2277	462.3	2831.4	0.0
2278	461.7	2781.5	0.0	2279	461.5	2731.9	0.0	2280	461.9	2682.4	0.0
2281	461.5	2632.7	0.0	2282	461.1	2582.9	0.0	2283	461.5	2532.9	0.0
2284	461.7	2483.2	0.0	2285	461.9	2433.6	0.0	2286	461.8	2383.9	0.0
2287	461.6	2334.2	0.0	2288	461.6	2284.5	0.0	2289	461.1	2234.9	0.0
2290	461.6	2185.0	0.0	2291	462.0	2135.2	0.0	2292	461.5	2085.6	0.0
2293	461.4	2035.8	0.0	2294	461.7	1985.7	0.0	2295	461.5	1936.0	0.0
2296	461.2	1886.1	0.0	2297	461.0	1838.7	0.0	2298	461.0	1789.0	0.0
2299	461.1	1739.3	0.0	2300	461.6	1689.6	0.0	2301	462.1	1639.9	0.0
2302	461.9	1590.2	0.0	2303	462.2	1540.5	0.0	2304	461.7	1490.8	0.0
2305	461.3	1441.1	0.0	2306	460.3	1391.5	0.0	2307	461.1	1341.8	0.0
2308	461.5	1292.1	0.0	2309	461.5	1242.4	0.0	2310	461.7	1192.7	0.0
2311	461.7	1143.0	0.0	2312	462.1	1093.3	0.0	2313	462.2	1043.6	0.0
2314	461.8	993.9	0.0	2315	461.4	941.1	0.0	2316	461.4	891.3	0.0
2317	461.8	841.4	0.0	2318	461.7	791.4	0.0	2319	461.5	741.6	0.0
2320	461.6	691.8	0.0	2321	461.6	641.9	0.0	2322	461.3	592.2	0.0

Firmato digitalmente da: Fogagni Massimo
Firmato il 10/10/2024 18:24
Serial Certificato: 2f02f85
Valido dal 01/09/2023 al 01/09/2026
InfoCert Qualified Electronic Signature CA

2323	461.2	542.5	0.0	2324	461.0	492.9	0.0	2325	461.3	443.0	0.0
2326	461.3	393.4	0.0	2327	461.4	343.5	0.0	2328	137.5	2320.3	1110.0
2329	-57.5	2846.7	1110.0	2330	75.0	2320.3	1110.0	2331	506.0	2495.4	0.0
2332	600.1	2136.7	0.0	2333	325.0	3572.4	1110.0	2334	575.0	1058.6	1110.0
2335	552.2	2866.6	0.0	2336	600.8	2866.6	0.0	2337	650.0	2866.6	0.0
2338	75.0	3859.8	1110.0	2339	512.5	1058.6	1110.0	2340	462.6	2866.6	0.0
2341	489.8	2483.8	0.0	2342	262.5	3572.4	1110.0	2343	489.8	2583.3	0.0
2344	450.0	1058.6	1110.0	2345	287.5	330.0	1480.0	2346	387.5	1058.6	1110.0
2347	650.0	3279.9	119.4	2348	595.8	3279.9	119.4	2349	650.0	3279.9	168.9
2350	595.8	3279.9	168.9	2351	650.0	3279.9	218.3	2352	595.8	3279.9	218.3
2353	650.0	3279.9	267.8	2354	595.8	3279.9	267.8	2355	650.0	3279.9	317.2
2356	595.8	3279.9	317.2	2357	650.0	3279.9	366.7	2358	595.8	3279.9	366.7
2359	650.0	3279.9	416.1	2360	595.8	3279.9	416.1	2361	650.0	3279.9	465.6
2362	595.8	3279.9	465.6	2363	650.0	3279.9	515.0	2364	595.8	3279.9	515.0
2365	650.0	3279.9	564.4	2366	595.8	3279.9	564.4	2367	650.0	3279.9	613.9
2368	595.8	3279.9	613.9	2369	650.0	3279.9	663.3	2370	595.8	3279.9	663.3
2371	650.0	3279.9	712.8	2372	595.8	3279.9	712.8	2373	650.0	3279.9	762.2
2374	595.8	3279.9	762.2	2375	650.0	3279.9	811.7	2376	595.8	3279.9	811.7
2377	650.0	3279.9	861.1	2378	600.0	3279.9	861.1	2379	650.0	3279.9	910.6
2380	600.0	3279.9	910.6	2381	650.0	3279.9	960.0	2382	600.0	3279.9	960.0
2383	541.7	3279.9	119.4	2384	541.7	3279.9	168.9	2385	541.7	3279.9	218.3
2386	541.7	3279.9	267.8	2387	541.7	3279.9	317.2	2388	541.7	3279.9	366.7
2389	541.7	3279.9	416.1	2390	541.7	3279.9	465.6	2391	541.7	3279.9	515.0
2392	541.7	3279.9	564.4	2393	541.7	3279.9	613.9	2394	541.7	3279.9	663.3
2395	541.7	3279.9	712.8	2396	541.7	3279.9	762.2	2397	541.7	3279.9	811.7
2398	541.7	3279.9	861.1	2399	541.7	3279.9	910.6	2400	541.7	3279.9	960.0
2401	487.5	3279.9	119.4	2402	487.5	3279.9	168.9	2403	487.5	3279.9	218.3
2404	487.5	3279.9	267.8	2405	487.5	3279.9	317.2	2406	487.5	3279.9	366.7
2407	487.5	3279.9	416.1	2408	487.5	3279.9	465.6	2409	487.5	3279.9	515.0
2410	487.5	3279.9	564.4	2411	487.5	3279.9	613.9	2412	487.5	3279.9	663.3
2413	487.5	3279.9	712.8	2414	487.5	3279.9	762.2	2415	487.5	3279.9	811.7
2416	487.5	3279.9	861.1	2417	487.5	3279.9	910.6	2418	487.5	3279.9	960.0
2419	433.3	3279.9	119.4	2420	433.3	3279.9	168.9	2421	433.3	3279.9	218.3
2422	433.3	3279.9	267.8	2423	433.3	3279.9	317.2	2424	433.3	3279.9	366.7
2425	433.3	3279.9	416.1	2426	433.3	3279.9	465.6	2427	433.3	3279.9	515.0
2428	433.3	3279.9	564.4	2429	433.3	3279.9	613.9	2430	433.3	3279.9	663.3
2431	433.3	3279.9	712.8	2432	433.3	3279.9	762.2	2433	433.3	3279.9	811.7
2434	433.3	3279.9	861.1	2435	433.3	3279.9	910.6	2436	433.3	3279.9	960.0
2437	379.2	3279.9	119.4	2438	379.2	3279.9	168.9	2439	379.2	3279.9	218.3
2440	379.2	3279.9	267.8	2441	379.2	3279.9	317.2	2442	379.2	3279.9	366.7
2443	379.2	3279.9	416.1	2444	379.2	3279.9	465.6	2445	379.2	3279.9	515.0
2446	379.2	3279.9	564.4	2447	379.2	3279.9	613.9	2448	379.2	3279.9	663.3
2449	379.2	3279.9	712.8	2450	379.2	3279.9	762.2	2451	379.2	3279.9	811.7
2452	379.2	3279.9	861.1	2453	379.2	3279.9	910.6	2454	379.2	3279.9	960.0
2455	575.0	3240.4	1110.0	2456	325.0	1058.6	1110.0	2457	200.0	3572.4	1110.0
2458	262.5	1058.6	1110.0	2459	512.5	3240.4	1110.0	2460	200.0	1058.6	1110.0
2461	362.5	330.0	1480.0	2462	137.5	1058.6	1110.0	2463	450.0	3240.4	1110.0
2464	75.0	1058.6	1110.0	2465	137.5	3572.4	1110.0	2466	387.5	3240.4	1110.0
2467	437.5	173.3	1480.0	2468	325.0	3240.4	1110.0	2469	75.0	3572.4	1110.0
2470	262.5	3240.4	1110.0	2471	707.5	3894.9	1647.0	2472	200.0	3240.4	1110.0
2473	437.5	251.7	1480.0	2474	379.9	2866.6	120.2	2475	740.0	3614.2	1110.0
2476	137.5	3240.4	1110.0	2477	379.9	2866.6	170.5	2478	287.5	95.0	1480.0
2479	379.9	2866.6	220.7	2480	75.0	3240.4	1110.0	2481	379.9	2866.6	270.9
2482	362.5	95.0	1480.0	2483	379.9	2866.6	321.2	2484	212.5	173.3	1480.0
2485	379.9	2866.6	371.4	2486	212.5	251.7	1480.0	2487	379.9	2866.6	421.6
2488	287.5	173.3	1480.0	2489	379.9	2866.6	471.8	2490	287.5	251.7	1480.0
2491	379.9	2866.6	522.1	2492	362.5	173.3	1480.0	2493	379.9	2866.6	572.3
2494	362.5	251.7	1480.0	2495	379.9	2866.6	622.5	2496	575.0	1107.9	1110.0
2497	379.9	2866.6	652.8	2498	575.0	1955.5	1110.0	2499	-90.0	2320.3	1110.0
2500	434.9	2866.6	120.2	2501	325.0	3405.2	1110.0	2502	434.9	2866.6	170.5
2503	434.9	2866.6	220.7	2504	434.9	2866.6	270.9	2505	434.9	2866.6	321.2
2506	437.5	2866.6	371.4	2507	434.9	2866.6	421.6	2508	434.9	2866.6	471.8
2509	434.9	2866.6	522.1	2510	434.9	2866.6	572.3	2511	437.5	2866.6	602.8
2512	489.8	2557.2	652.8	2513	-57.5	3082.6	1110.0	2514	489.8	2866.6	120.2
2515	489.8	2866.6	170.5	2516	489.8	2866.6	220.7	2517	489.8	2866.6	270.9
2518	489.8	2866.6	321.2	2519	489.8	2866.6	371.4	2520	489.8	2866.6	421.6
2521	489.8	2866.6	471.8	2522	489.8	2866.6	522.1	2523	489.8	2866.6	572.3
2524	489.8	2866.6	622.5	2525	489.8	2866.6	652.8	2526	-90.0	2355.0	1110.0

Firmato digitalmente da: Fogli Massimo
Firmato il 15/03/2024 18:24
Seriale Certificato: 2202555
Valido dal 01/09/2023 al 01/09/2026
InfoCert Qualified Electronic Signature

2527	489.8	2495.4	120.2	2528	489.8	2557.2	120.2	2529	489.8	2495.4	170.5
2530	489.8	2557.2	170.5	2531	489.8	2495.4	220.7	2532	489.8	2557.2	220.7
2533	489.8	2495.4	270.9	2534	489.8	2557.2	270.9	2535	489.8	2495.4	321.2
2536	489.8	2557.2	321.2	2537	489.8	2495.4	371.4	2538	489.8	2576.5	371.4
2539	489.8	2495.4	421.6	2540	489.8	2557.2	421.6	2541	489.8	2495.4	471.8
2542	489.8	2557.2	471.8	2543	489.8	2495.4	522.1	2544	489.8	2557.2	522.1
2545	489.8	2495.4	572.3	2546	489.8	2557.2	572.3	2547	489.8	2495.4	622.5
2548	489.8	2557.2	622.5	2549	489.8	2495.4	652.8	2550	489.8	2576.5	602.8
2551	489.8	2495.4	723.0	2552	707.5	3754.5	1110.0	2553	489.8	2619.1	120.2
2554	489.8	2619.1	170.5	2555	489.8	2619.1	220.7	2556	489.8	2619.1	270.9
2557	489.8	2619.1	321.2	2558	489.8	2619.1	371.4	2559	489.8	2619.1	421.6
2560	489.8	2619.1	471.8	2561	489.8	2619.1	522.1	2562	489.8	2619.1	572.3
2563	489.8	2619.1	622.5	2564	489.8	2619.1	652.8	2565	-90.0	2389.8	1110.0
2566	489.8	2681.0	120.2	2567	489.8	2681.0	170.5	2568	489.8	2681.0	220.7
2569	489.8	2681.0	270.9	2570	489.8	2681.0	321.2	2571	489.8	2681.0	371.4
2572	489.8	2681.0	421.6	2573	489.8	2681.0	471.8	2574	489.8	2681.0	522.1
2575	489.8	2681.0	572.3	2576	489.8	2681.0	622.5	2577	489.8	2681.0	652.8
2578	707.5	3649.3	1110.0	2579	489.8	2742.9	120.2	2580	489.8	2742.9	170.5
2581	489.8	2742.9	220.7	2582	489.8	2742.9	270.9	2583	489.8	2742.9	321.2
2584	489.8	2742.9	371.4	2585	489.8	2742.9	421.6	2586	489.8	2742.9	471.8
2587	489.8	2742.9	522.1	2588	489.8	2742.9	572.3	2589	489.8	2742.9	622.5
2590	489.8	2742.9	652.8	2591	-57.5	2905.4	1110.0	2592	489.8	2804.7	120.2
2593	489.8	2804.7	170.5	2594	489.8	2804.7	220.7	2595	489.8	2804.7	270.9
2596	489.8	2804.7	321.2	2597	489.8	2811.5	371.4	2598	489.8	2804.7	421.6
2599	489.8	2804.7	471.8	2600	489.8	2804.7	522.1	2601	489.8	2804.7	572.3
2602	489.8	2811.5	602.8	2603	489.8	2811.5	652.8	2604	-57.5	3122.0	1110.0
2605	600.0	2495.4	120.2	2606	544.9	2495.4	120.2	2607	600.0	2495.4	170.5
2608	544.9	2495.4	170.5	2609	600.0	2495.4	220.7	2610	544.9	2495.4	220.7
2611	600.0	2495.4	270.9	2612	544.9	2495.4	270.9	2613	600.0	2495.4	321.2
2614	544.9	2495.4	321.2	2615	600.0	2495.4	371.4	2616	544.9	2495.4	371.4
2617	600.0	2495.4	421.6	2618	544.9	2495.4	421.6	2619	600.0	2495.4	471.8
2620	544.9	2495.4	471.8	2621	600.0	2495.4	522.1	2622	544.9	2495.4	522.1
2623	600.0	2495.4	572.3	2624	544.9	2495.4	572.3	2625	600.0	2495.4	622.5
2626	544.9	2495.4	622.5	2627	600.0	2495.4	652.8	2628	544.9	2495.4	652.8
2629	600.0	2495.4	723.0	2630	544.9	2495.4	723.0	2631	600.0	2439.5	120.2
2632	600.0	2439.5	170.5	2633	600.0	2439.5	220.7	2634	600.0	2439.5	270.9
2635	600.0	2439.5	321.2	2636	600.0	2439.5	371.4	2637	600.0	2439.5	421.6
2638	600.0	2439.5	471.8	2639	600.0	2439.5	522.1	2640	600.0	2439.5	572.3
2641	600.0	2439.5	622.5	2642	600.0	2439.5	672.8	2643	600.0	2439.5	723.0
2644	600.0	2383.6	120.2	2645	600.0	2383.6	170.5	2646	600.0	2383.6	220.7
2647	600.0	2383.6	270.9	2648	600.0	2383.6	321.2	2649	600.0	2383.6	371.4
2650	600.0	2383.6	421.6	2651	600.0	2383.6	471.8	2652	600.0	2383.6	522.1
2653	600.0	2383.6	572.3	2654	600.0	2383.6	622.5	2655	600.0	2383.6	672.8
2656	600.0	2383.6	723.0	2657	600.0	2327.7	120.2	2658	600.0	2327.7	170.5
2659	600.0	2327.7	220.7	2660	600.0	2327.7	270.9	2661	600.0	2327.7	321.2
2662	600.0	2327.7	371.4	2663	600.0	2327.7	421.6	2664	600.0	2327.7	471.8
2665	600.0	2327.7	522.1	2666	600.0	2327.7	572.3	2667	600.0	2327.7	622.5
2668	600.0	2327.7	672.8	2669	600.0	2327.7	723.0	2670	600.0	2271.8	120.2
2671	600.0	2271.8	170.5	2672	600.0	2271.8	220.7	2673	600.0	2271.8	270.9
2674	600.0	2271.8	321.2	2675	600.0	2271.8	371.4	2676	600.0	2271.8	421.6
2677	600.0	2271.8	471.8	2678	600.0	2271.8	522.1	2679	600.0	2271.8	572.3
2680	600.0	2271.8	622.5	2681	600.0	2271.8	672.8	2682	600.0	2271.8	723.0
2683	600.0	2215.9	120.2	2684	600.0	2215.9	170.5	2685	600.0	2215.9	220.7
2686	600.0	2215.9	270.9	2687	600.0	2215.9	321.2	2688	600.0	2215.9	371.4
2689	600.0	2215.9	421.6	2690	600.0	2215.9	471.8	2691	600.0	2215.9	522.1
2692	600.0	2215.9	572.3	2693	600.0	2215.9	622.5	2694	600.0	2215.9	672.8
2695	600.0	2215.9	723.0	2696	600.0	2160.0	120.2	2697	600.0	2160.0	170.5
2698	600.0	2160.0	220.7	2699	600.0	2160.0	270.9	2700	600.0	2160.0	321.2
2701	600.0	2160.0	371.4	2702	600.0	2160.0	421.6	2703	600.0	2160.0	471.8
2704	600.0	2160.0	522.1	2705	600.0	2160.0	572.3	2706	600.0	2160.0	622.5
2707	600.0	2160.0	672.8	2708	600.0	2160.0	723.0	2709	489.8	2495.4	770.4
2710	544.9	2495.4	770.4	2711	489.8	2495.4	817.8	2712	544.9	2495.4	817.8
2713	489.8	2495.4	865.2	2714	544.9	2495.4	865.2	2715	489.8	2495.4	912.6
2716	544.9	2495.4	912.6	2717	489.8	2495.4	960.0	2718	544.9	2495.4	960.0
2719	600.0	2495.4	770.4	2720	600.0	2495.4	817.8	2721	600.0	2495.4	865.2
2722	600.0	2495.4	912.6	2723	600.0	2495.4	960.0	2724	600.0	2439.5	770.4
2725	600.0	2439.5	817.8	2726	600.0	2439.5	865.2	2727	600.0	2439.5	912.6
2728	600.0	2439.5	960.0	2729	600.0	2383.6	770.4	2730	600.0	2383.6	817.8

Firmato digitalmente da: Fiocco Massimo
Firmato il 22/03/2024 18:24
Serial Certificato: 2e02e5
Valido dal 01/09/2023 al
Qualified Electronic

2731	600.0	2383.6	865.2	2732	600.0	2383.6	912.6	2733	600.0	2383.6	960.0
2734	600.0	2327.7	770.4	2735	600.0	2327.7	817.8	2736	600.0	2327.7	865.2
2737	600.0	2327.7	912.6	2738	600.0	2327.7	960.0	2739	600.0	2271.8	770.4
2740	600.0	2271.8	817.8	2741	600.0	2271.8	865.2	2742	600.0	2271.8	912.6
2743	600.0	2271.8	960.0	2744	600.0	2215.9	760.0	2745	600.0	2215.9	817.8
2746	600.0	2215.9	865.2	2747	600.0	2215.9	912.6	2748	600.0	2215.9	960.0
2749	600.0	2160.0	770.4	2750	600.0	2160.0	817.8	2751	600.0	2160.0	865.2
2752	600.0	2160.0	912.6	2753	600.0	2160.0	960.0	2754	512.5	1107.9	1110.0
2755	575.0	614.2	1340.0	2756	450.0	1107.9	1110.0	2757	512.5	1955.5	1110.0
2758	600.0	548.4	267.8	2759	600.0	548.4	317.2	2760	600.0	350.9	960.0
2761	600.0	548.4	366.7	2762	600.0	548.4	416.1	2763	600.0	285.0	960.0
2764	600.0	548.4	465.6	2765	600.0	548.4	515.0	2766	600.0	548.4	564.4
2767	600.0	548.4	613.9	2768	600.0	548.4	663.3	2769	600.0	548.4	712.8
2770	600.0	548.4	762.2	2771	600.0	548.4	811.7	2772	479.8	285.0	119.4
2773	519.8	285.0	119.4	2774	479.8	285.0	168.9	2775	600.0	416.7	960.0
2776	387.5	1107.9	1110.0	2777	200.0	2576.5	1110.0	2778	325.0	1107.9	1110.0
2779	450.0	1955.5	1110.0	2780	519.8	285.0	168.9	2781	479.8	285.0	218.3
2782	519.8	285.0	218.3	2783	479.8	285.0	267.8	2784	519.8	285.0	267.8
2785	479.8	285.0	317.2	2786	519.8	285.0	317.2	2787	479.8	285.0	366.7
2788	519.8	285.0	366.7	2789	479.8	285.0	416.1	2790	519.8	285.0	416.1
2791	479.8	285.0	465.6	2792	519.8	285.0	465.6	2793	479.8	285.0	515.0
2794	519.8	285.0	515.0	2795	479.8	285.0	564.4	2796	519.8	285.0	564.4
2797	479.8	285.0	613.9	2798	519.8	285.0	613.9	2799	479.8	285.0	663.3
2800	600.0	680.0	960.0	2801	519.8	285.0	663.3	2802	479.8	285.0	712.8
2803	519.8	285.0	712.8	2804	479.8	285.0	762.2	2805	600.0	614.2	960.0
2806	519.8	285.0	762.2	2807	479.8	285.0	811.7	2808	519.8	285.0	811.7
2809	479.8	285.0	861.1	2810	600.0	548.4	960.0	2811	262.5	1107.9	1110.0
2812	575.0	3363.4	1110.0	2813	200.0	1107.9	1110.0	2814	387.5	1955.5	1110.0
2815	519.8	285.0	861.1	2816	479.8	285.0	910.6	2817	137.5	1107.9	1110.0
2818	519.8	285.0	910.6	2819	479.8	285.0	960.0	2820	519.8	285.0	960.0
2821	559.9	285.0	119.4	2822	75.0	614.2	1340.0	2823	75.0	1107.9	1110.0
2824	600.0	548.4	861.1	2825	600.0	548.4	910.6	2826	325.0	1955.5	1110.0
2827	600.0	482.5	119.4	2828	600.0	482.5	168.9	2829	512.5	3363.4	1110.0
2830	600.0	482.5	218.3	2831	600.0	482.5	267.8	2832	600.0	482.5	317.2
2833	600.0	482.5	366.7	2834	600.0	482.5	416.1	2835	600.0	482.5	465.6
2836	600.0	482.5	515.0	2837	600.0	482.5	564.4	2838	262.5	1955.5	1110.0
2839	-57.5	2787.9	1110.0	2840	200.0	1955.5	1110.0	2841	559.9	285.0	168.9
2842	559.9	285.0	218.3	2843	559.9	285.0	267.8	2844	559.9	285.0	317.2
2845	450.0	3363.4	1110.0	2846	559.9	285.0	366.7	2847	559.9	285.0	416.1
2848	559.9	285.0	465.6	2849	559.9	285.0	515.0	2850	600.0	482.5	960.0
2851	137.5	1955.5	1110.0	2852	600.0	482.5	613.9	2853	600.0	482.5	663.3
2854	575.0	1009.2	1340.0	2855	600.0	482.5	712.8	2856	600.0	482.5	762.2
2857	75.0	1955.5	1110.0	2858	600.0	482.5	811.7	2859	600.0	482.5	861.1
2860	600.0	482.5	910.6	2861	600.0	416.7	119.4	2862	600.0	416.7	168.9
2863	600.0	416.7	218.3	2864	600.0	416.7	267.8	2865	600.0	416.7	317.2
2866	575.0	3122.0	1110.0	2867	387.5	3363.4	1110.0	2868	512.5	3122.0	1110.0
2869	559.9	285.0	564.4	2870	559.9	285.0	613.9	2871	559.9	285.0	663.3
2872	559.9	285.0	712.8	2873	559.9	285.0	762.2	2874	559.9	285.0	811.7
2875	559.9	285.0	861.1	2876	559.9	285.0	910.6	2877	559.9	285.0	960.0
2878	450.0	2576.5	1110.0	2879	450.0	3122.0	1110.0	2880	325.0	3363.4	1110.0
2881	387.5	3122.0	1110.0	2882	75.0	1009.2	1340.0	2883	600.0	285.0	119.4
2884	600.0	285.0	168.9	2885	600.0	285.0	218.3	2886	325.0	3122.0	1110.0
2887	262.5	3363.4	1110.0	2888	575.0	1157.3	1110.0	2889	262.5	3122.0	1110.0
2890	512.5	1157.3	1110.0	2891	600.0	285.0	267.8	2892	600.0	285.0	317.2
2893	600.0	285.0	366.7	2894	600.0	285.0	416.1	2895	600.0	285.0	465.6
2896	600.0	285.0	515.0	2897	600.0	285.0	564.4	2898	600.0	285.0	613.9
2899	600.0	285.0	663.3	2900	600.0	285.0	712.8	2901	600.0	350.9	119.4
2902	600.0	350.9	168.9	2903	600.0	350.9	218.3	2904	600.0	350.9	267.8
2905	600.0	350.9	317.2	2906	600.0	350.9	366.7	2907	600.0	350.9	416.1
2908	600.0	350.9	465.6	2909	600.0	350.9	515.0	2910	600.0	350.9	564.4
2911	600.0	350.9	613.9	2912	600.0	350.9	663.3	2913	600.0	350.9	712.8
2914	600.0	285.0	762.2	2915	600.0	285.0	811.7	2916	600.0	285.0	861.1
2917	600.0	285.0	910.6	2918	479.8	95.0	712.8	2919	600.0	350.9	762.2
2920	600.0	350.9	811.7	2921	450.0	1157.3	1110.0	2922	600.0	350.9	861.1
2923	600.0	350.9	910.6	2924	200.0	3122.0	1110.0	2925	387.5	1157.3	1110.0
2926	200.0	3363.4	1110.0	2927	325.0	1157.3	1110.0	2928	600.0	416.7	366.7
2929	600.0	416.7	416.1	2930	137.5	3122.0	1110.0	2931	600.0	416.7	465.6
2932	600.0	416.7	515.0	2933	262.5	1157.3	1110.0	2934	600.0	416.7	564.4

Firmato digitalmente da: Caggiati Massimo
Firmato il 12/03/2024 18:24
Serial#: 3202565
Valido dal 01/09/2023 al 01/09/2026
Qualified Electronic Signature

2935	600.0	416.7	613.9	2936	600.0	416.7	663.3	2937	600.0	416.7	712.8
2938	600.0	416.7	762.2	2939	600.0	416.7	811.7	2940	600.0	416.7	861.1
2941	600.0	416.7	910.6	2942	575.0	1404.2	1340.0	2943	200.0	1157.3	1110.0
2944	600.0	680.0	119.4	2945	600.0	614.2	119.4	2946	600.0	680.0	168.9
2947	600.0	614.2	168.9	2948	600.0	680.0	218.3	2949	600.0	614.2	218.3
2950	600.0	680.0	267.8	2951	600.0	614.2	267.8	2952	600.0	680.0	317.2
2953	600.0	614.2	317.2	2954	600.0	680.0	366.7	2955	600.0	614.2	366.7
2956	600.0	680.0	416.1	2957	600.0	614.2	416.1	2958	600.0	680.0	465.6
2959	600.0	614.2	465.6	2960	600.0	680.0	515.0	2961	600.0	614.2	515.0
2962	600.0	680.0	564.4	2963	600.0	614.2	564.4	2964	600.0	680.0	613.9
2965	600.0	614.2	613.9	2966	600.0	680.0	663.3	2967	600.0	614.2	663.3
2968	600.0	680.0	712.8	2969	600.0	614.2	712.8	2970	600.0	680.0	762.2
2971	600.0	614.2	760.0	2972	600.0	680.1	817.8	2973	600.0	614.2	817.8
2974	600.0	680.0	861.1	2975	600.0	614.2	865.2	2976	600.0	680.0	910.6
2977	600.0	614.2	912.6	2978	600.0	548.4	119.4	2979	600.0	548.4	168.9
2980	600.0	548.4	218.3	2981	600.0	548.4	1005.0	2982	600.0	482.5	1005.0
2983	600.0	548.4	1050.0	2984	600.0	482.5	1050.0	2985	600.0	548.4	1120.0
2986	600.0	482.5	1120.0	2987	600.0	416.7	1005.0	2988	600.0	416.7	1050.0
2989	600.0	416.7	1120.0	2990	600.0	350.9	1005.0	2991	600.0	350.9	1050.0
2992	600.0	350.9	1120.0	2993	600.0	285.0	1005.0	2994	600.0	285.0	1050.0
2995	600.0	285.0	1120.0	2996	559.9	285.0	1005.0	2997	559.9	285.0	1050.0
2998	707.5	3684.4	1110.0	2999	519.8	285.0	1005.0	3000	519.8	285.0	1050.0
3001	519.8	285.0	1120.0	3002	479.8	285.0	1005.0	3003	479.8	285.0	1050.0
3004	479.8	285.0	1120.0	3005	479.8	236.0	119.4	3006	479.8	236.0	168.9
3007	479.8	236.0	218.3	3008	479.8	236.0	267.8	3009	479.8	236.0	317.2
3010	479.8	236.0	366.7	3011	479.8	236.0	416.1	3012	479.8	236.0	465.6
3013	479.8	236.0	515.0	3014	479.8	236.0	564.4	3015	479.8	236.0	613.9
3016	479.8	236.0	663.3	3017	479.8	236.0	712.8	3018	479.8	236.0	762.2
3019	479.8	236.0	811.7	3020	479.8	236.0	861.1	3021	479.8	236.0	910.6
3022	479.8	236.0	960.0	3023	479.8	186.9	119.4	3024	479.8	186.9	168.9
3025	479.8	186.9	218.3	3026	479.8	186.9	267.8	3027	479.8	186.9	317.2
3028	479.8	186.9	366.7	3029	479.8	186.9	416.1	3030	479.8	186.9	465.6
3031	479.8	186.9	515.0	3032	479.8	186.9	564.4	3033	479.8	186.9	613.9
3034	479.8	186.9	663.3	3035	479.8	186.9	712.8	3036	479.8	186.9	762.2
3037	479.8	186.9	811.7	3038	479.8	186.9	861.1	3039	479.8	186.9	910.6
3040	479.8	186.9	960.0	3041	479.8	137.9	119.4	3042	479.8	137.9	168.9
3043	479.8	137.9	218.3	3044	479.8	137.9	267.8	3045	479.8	137.9	317.2
3046	479.8	137.9	366.7	3047	479.8	137.9	416.1	3048	479.8	137.9	465.6
3049	479.8	137.9	515.0	3050	479.8	137.9	564.4	3051	479.8	137.9	613.9
3052	479.8	137.9	663.3	3053	479.8	137.9	712.8	3054	479.8	137.9	762.2
3055	479.8	137.9	811.7	3056	479.8	137.9	861.1	3057	479.8	137.9	910.6
3058	479.8	137.9	960.0	3059	479.8	88.8	119.4	3060	479.8	88.8	168.9
3061	479.8	88.8	218.3	3062	479.8	88.8	267.8	3063	479.8	88.8	317.2
3064	479.8	95.0	366.7	3065	479.8	88.8	416.1	3066	479.8	88.8	465.6
3067	479.8	88.8	515.0	3068	479.8	88.8	564.4	3069	479.8	74.8	620.0
3070	479.8	88.8	663.3	3071	325.0	-20.2	1820.0	3072	479.8	88.8	762.2
3073	479.8	88.8	811.7	3074	479.8	88.8	861.1	3075	479.8	88.8	910.6
3076	479.8	88.8	960.0	3077	479.8	39.8	119.4	3078	479.8	39.8	168.9
3079	479.8	39.8	218.3	3080	479.8	39.8	267.8	3081	479.8	39.8	317.2
3082	479.8	39.8	366.7	3083	479.8	39.8	416.1	3084	479.8	39.8	465.6
3085	479.8	39.8	515.0	3086	479.8	39.8	564.4	3087	479.8	39.8	613.9
3088	479.8	39.8	663.3	3089	479.8	39.8	712.8	3090	479.8	39.8	762.2
3091	479.8	39.8	811.7	3092	479.8	39.8	861.1	3093	479.8	39.8	910.6
3094	479.8	39.8	960.0	3095	441.1	39.8	119.4	3096	-3.8	3894.9	1110.0
3097	441.1	39.8	168.9	3098	441.1	39.8	218.3	3099	441.1	39.8	267.8
3100	441.1	39.8	317.2	3101	437.5	39.8	366.7	3102	441.1	39.8	416.1
3103	441.1	39.8	465.6	3104	441.1	39.8	515.0	3105	441.1	39.8	564.4
3106	441.1	39.8	613.9	3107	441.1	39.8	663.3	3108	437.5	39.8	712.8
3109	441.1	39.8	762.2	3110	441.1	39.8	811.7	3111	441.1	39.8	861.1
3112	441.1	39.8	910.6	3113	441.1	39.8	960.0	3114	402.4	39.8	119.4
3115	450.0	3824.7	1110.0	3116	402.4	39.8	168.9	3117	402.4	39.8	218.3
3118	402.4	39.8	267.8	3119	402.4	39.8	317.2	3120	402.4	39.8	366.7
3121	402.4	39.8	416.1	3122	402.4	39.8	465.6	3123	402.4	39.8	515.0
3124	402.4	39.8	564.4	3125	402.4	39.8	613.9	3126	402.4	39.8	663.3
3127	402.4	39.8	712.8	3128	402.4	39.8	762.2	3129	402.4	39.8	811.7
3130	402.4	39.8	861.1	3131	402.4	39.8	910.6	3132	402.4	39.8	960.0
3133	363.7	39.8	119.4	3134	-57.5	3894.9	1110.0	3135	363.7	39.8	168.9
3136	363.7	39.8	218.3	3137	363.7	39.8	267.8	3138	363.7	39.8	317.2

Firmato digitalmente da:
Filippi Massimo
Firmato il
[illegible]/2024 18:24
Serial Certificato:
[illegible]
Valido dal [illegible]/09/2023 al
[illegible]
Qualified Electronic
Signature

3139	363.7	39.8	366.7	3140	363.7	39.8	416.1	3141	363.7	39.8	465.6
3142	363.7	39.8	515.0	3143	363.7	39.8	564.4	3144	363.7	39.8	613.9
3145	363.7	39.8	663.3	3146	363.7	39.8	712.8	3147	363.7	39.8	762.2
3148	363.7	39.8	811.7	3149	363.7	39.8	861.1	3150	363.7	39.8	910.6
3151	363.7	39.8	960.0	3152	75.0	3122.0	1110.0	3153	137.5	1157.3	1110.0
3154	137.5	3363.4	1110.0	3155	75.0	1157.3	1110.0	3156	437.5	2552.9	1110.0
3157	575.0	2355.0	1110.0	3158	75.0	3363.4	1110.0	3159	512.5	2355.0	1110.0
3160	75.0	1404.2	1340.0	3161	450.0	2355.0	1110.0	3162	262.5	3405.2	1110.0
3163	387.5	2355.0	1110.0	3164	575.0	1799.2	1340.0	3165	325.0	2355.0	1110.0
3166	707.5	3719.4	1110.0	3167	262.5	2355.0	1110.0	3168	75.0	1799.2	1340.0
3169	200.0	2355.0	1110.0	3170	479.8	39.8	1005.0	3171	441.1	39.8	1005.0
3172	479.8	39.8	1050.0	3173	441.1	39.8	1050.0	3174	479.8	39.8	1120.0
3175	437.5	39.8	1120.0	3176	402.4	39.8	1005.0	3177	402.4	39.8	1050.0
3178	402.4	39.8	1120.0	3179	363.7	39.8	1005.0	3180	363.7	39.8	1050.0
3181	363.7	39.8	1120.0	3182	325.0	169.8	1820.0	3183	137.5	2355.0	1110.0
3184	575.0	2215.9	1340.0	3185	479.8	236.0	1005.0	3186	479.8	236.0	1050.0
3187	479.8	236.0	1120.0	3188	479.8	186.9	1005.0	3189	479.8	186.9	1050.0
3190	479.8	186.9	1120.0	3191	479.8	137.9	1005.0	3192	479.8	137.9	1050.0
3193	479.8	137.9	1120.0	3194	479.8	88.8	1005.0	3195	479.8	88.8	1050.0
3196	479.8	95.0	1120.0	3197	383.3	614.2	960.0	3198	437.5	614.2	960.0
3199	491.7	614.2	960.0	3200	545.8	614.2	960.0	3201	75.0	2355.0	1110.0
3202	575.0	614.2	1636.0	3203	383.3	2215.9	817.8	3204	383.3	2215.9	865.2
3205	437.5	2215.9	817.8	3206	437.5	2215.9	865.2	3207	491.7	2215.9	817.8
3208	491.7	2215.9	865.2	3209	545.8	2215.9	817.8	3210	545.8	2215.9	865.2
3211	575.0	1206.7	1110.0	3212	383.3	2215.9	912.6	3213	437.5	2215.9	912.6
3214	491.7	2215.9	912.6	3215	545.8	2215.9	912.6	3216	575.0	2007.5	1110.0
3217	383.3	2215.9	960.0	3218	437.5	2215.9	960.0	3219	491.7	2215.9	960.0
3220	545.8	2215.9	960.0	3221	545.8	614.2	760.0	3222	512.5	1206.7	1110.0
3223	383.3	2215.9	760.0	3224	437.5	2215.9	760.0	3225	491.7	2215.9	760.0
3226	545.8	2215.9	760.0	3227	575.0	3530.6	1110.0	3228	450.0	1206.7	1110.0
3229	512.5	2007.5	1110.0	3230	387.5	1206.7	1110.0	3231	75.0	2215.9	1340.0
3232	325.0	1206.7	1110.0	3233	383.3	614.2	760.0	3234	437.5	614.2	760.0
3235	491.7	614.2	760.0	3236	450.0	2007.5	1110.0	3237	262.5	1206.7	1110.0
3238	383.3	614.2	817.8	3239	383.3	614.2	865.2	3240	437.5	614.2	817.8
3241	437.5	614.2	865.2	3242	491.7	614.2	817.8	3243	491.7	614.2	865.2
3244	545.8	614.2	817.8	3245	545.8	614.2	865.2	3246	512.5	3530.6	1110.0
3247	383.3	614.2	912.6	3248	437.5	614.2	912.6	3249	491.7	614.2	912.6
3250	545.8	614.2	912.6	3251	200.0	1206.7	1110.0	3252	707.5	3894.9	1110.0
3253	387.5	2007.5	1110.0	3254	479.8	548.3	1120.0	3255	559.9	350.9	1120.0
3256	559.9	416.7	1120.0	3257	559.9	482.5	1120.0	3258	575.0	548.4	1120.0
3259	519.8	350.9	1120.0	3260	519.8	416.7	1120.0	3261	519.8	482.5	1120.0
3262	519.8	548.4	1120.0	3263	479.8	350.9	1120.0	3264	479.8	416.7	1120.0
3265	479.8	482.5	1120.0	3266	428.2	350.9	1120.0	3267	137.5	1206.7	1120.0
3268	428.2	416.7	1120.0	3269	428.2	482.5	1120.0	3270	428.2	548.4	1120.0
3271	376.6	350.9	1120.0	3272	75.0	614.2	1636.0	3273	376.6	416.7	1120.0
3274	376.6	482.5	1120.0	3275	376.6	548.4	1120.0	3276	75.0	1206.7	1110.0
3277	325.0	2007.5	1110.0	3278	450.0	3530.6	1110.0	3279	600.0	614.2	995.0
3280	262.5	2007.5	1110.0	3281	600.0	614.2	1010.0	3282	450.0	2846.7	1110.0
3283	600.0	614.2	1060.0	3284	200.0	2007.5	1110.0	3285	600.0	614.2	1110.0
3286	387.5	3530.6	1110.0	3287	50.0	614.2	995.0	3288	137.5	2007.5	1110.0
3289	50.0	614.2	1010.0	3290	387.5	2846.7	1110.0	3291	50.0	614.2	1060.0
3292	75.0	2007.5	1110.0	3293	50.0	614.2	1110.0	3294	325.0	3530.6	1110.0
3295	50.0	2215.9	995.0	3296	325.0	2846.7	1110.0	3297	50.0	2215.9	1010.0
3298	262.5	3530.6	1110.0	3299	50.0	2215.9	1060.0	3300	212.5	2811.5	70.0
3301	50.0	2215.9	1110.0	3302	200.0	3530.6	1110.0	3303	600.0	2215.9	995.0
3304	212.5	2576.5	70.0	3305	600.0	2215.9	1010.0	3306	137.5	3530.6	1110.0
3307	600.0	2215.9	1060.0	3308	437.5	2576.5	70.0	3309	600.0	2215.9	1110.0
3310	75.0	3530.6	1110.0	3311	437.5	2811.5	70.0	3312	575.0	1256.1	1110.0
3313	50.0	3279.9	995.0	3314	212.5	2811.5	310.0	3315	50.0	3279.9	1010.0
3316	512.5	1256.1	1110.0	3317	50.0	3279.9	1060.0	3318	212.5	2576.5	310.0
3319	50.0	3279.9	1110.0	3320	450.0	1256.1	1110.0	3321	600.0	3279.9	995.0
3322	437.5	2576.5	310.0	3323	600.0	3279.9	1010.0	3324	387.5	1256.1	1110.0
3325	600.0	3279.9	1060.0	3326	437.5	2811.5	310.0	3327	600.0	3279.9	1110.0
3328	325.0	1256.1	1110.0	3329	600.0	564.2	1060.0	3330	212.5	2811.5	1480.0
3331	50.0	564.2	1060.0	3332	262.5	1256.1	1110.0	3333	50.0	3894.9	1060.0
3334	212.5	2576.5	1480.0	3335	600.0	3894.9	1060.0	3336	200.0	1256.1	1110.0
3337	600.0	1009.2	1060.0	3338	437.5	2576.5	1480.0	3339	600.0	1404.2	1060.0
3340	137.5	1256.1	1110.0	3341	600.0	1799.2	1060.0	3342	437.5	2811.5	1480.0

Firmato digitalmente da: Fogagni Massimo
Firmato il 20/03/2024 18:24
Serial Certificato: 2702255
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature

3343	600.0	2494.2	1060.0	3344	75.0	1256.1	1110.0	3345	600.0	2964.2	1060.0
3346	212.5	2811.5	476.0	3347	600.0	3894.9	1110.0	3348	212.5	2576.5	476.0
3349	600.0	3614.2	1060.0	3350	437.5	2576.5	476.0	3351	600.0	1799.2	1110.0
3352	575.0	285.0	1616.0	3353	575.0	2729.2	1110.0	3354	437.5	2811.5	476.0
3355	600.0	1009.2	1110.0	3356	512.5	2729.2	1110.0	3357	75.0	285.0	1616.0
3358	212.5	2811.5	642.0	3359	575.0	1009.2	1636.0	3360	212.5	2576.5	642.0
3361	600.0	1404.2	1110.0	3362	75.0	1009.2	1636.0	3363	137.5	2729.2	1110.0
3364	437.5	2576.5	642.0	3365	600.0	2494.2	1110.0	3366	75.0	2729.2	1110.0
3367	575.0	1404.2	1636.0	3368	450.0	2905.4	1110.0	3369	437.5	2811.5	642.0
3370	387.5	2905.4	1110.0	3371	600.0	2964.2	1110.0	3372	575.0	1305.4	1110.0
3373	575.0	2059.6	1110.0	3374	512.5	1305.4	1110.0	3375	75.0	1404.2	1636.0
3376	450.0	1305.4	1110.0	3377	600.0	3614.2	1110.0	3378	512.5	2059.6	1110.0
3379	387.5	1305.4	1110.0	3380	325.0	2905.4	1110.0	3381	600.0	811.7	1060.0
3382	600.0	2355.0	1060.0	3383	600.0	3447.0	1060.0	3384	600.0	1206.7	1060.0
3385	600.0	1601.7	1060.0	3386	600.0	2007.5	1060.0	3387	600.0	2729.2	1060.0
3388	600.0	3754.5	1060.0	3389	600.0	3122.0	1060.0	3390	600.0	712.9	1060.0
3391	600.0	2285.5	1060.0	3392	600.0	3363.4	1060.0	3393	600.0	1107.9	1060.0
3394	600.0	1502.9	1060.0	3395	600.0	1903.4	1060.0	3396	600.0	2611.7	1060.0
3397	600.0	3684.4	1060.0	3398	600.0	3043.1	1060.0	3399	600.0	910.4	1060.0
3400	600.0	2424.6	1060.0	3401	600.0	3530.6	1060.0	3402	600.0	1305.4	1060.0
3403	600.0	1700.4	1060.0	3404	600.0	2111.7	1060.0	3405	600.0	2846.7	1060.0
3406	600.0	3824.7	1060.0	3407	600.0	3200.9	1060.0	3408	600.0	663.6	1060.0
3409	600.0	2250.7	1060.0	3410	600.0	3321.6	1060.0	3411	600.0	1058.6	1060.0
3412	600.0	1453.6	1060.0	3413	600.0	1851.3	1060.0	3414	600.0	2552.9	1060.0
3415	600.0	3649.3	1060.0	3416	600.0	3003.6	1060.0	3417	600.0	861.1	1060.0
3418	600.0	2389.8	1060.0	3419	600.0	3488.8	1060.0	3420	600.0	1256.1	1060.0
3421	600.0	1651.1	1060.0	3422	600.0	2059.6	1060.0	3423	600.0	2787.9	1060.0
3424	600.0	3789.6	1060.0	3425	600.0	3161.5	1060.0	3426	600.0	762.3	1060.0
3427	600.0	2320.3	1060.0	3428	600.0	3405.2	1060.0	3429	600.0	1157.3	1060.0
3430	600.0	1552.3	1060.0	3431	600.0	1955.5	1060.0	3432	600.0	2670.4	1060.0
3433	600.0	3719.4	1060.0	3434	600.0	3082.6	1060.0	3435	600.0	959.8	1060.0
3436	600.0	2459.4	1060.0	3437	600.0	3572.4	1060.0	3438	600.0	1354.8	1060.0
3439	600.0	1749.8	1060.0	3440	600.0	2163.8	1060.0	3441	600.0	2905.4	1060.0
3442	600.0	3859.8	1060.0	3443	600.0	3240.4	1060.0	3444	600.0	1009.2	1010.0
3445	325.0	1305.4	1110.0	3446	450.0	2059.6	1110.0	3447	262.5	1305.4	1110.0
3448	600.0	1404.2	1010.0	3449	212.5	2811.5	808.0	3450	200.0	1305.4	1110.0
3451	387.5	2059.6	1110.0	3452	600.0	1799.2	1010.0	3453	137.5	1305.4	1110.0
3454	262.5	2905.4	1110.0	3455	75.0	1305.4	1110.0	3456	600.0	2494.2	1010.0
3457	325.0	2059.6	1110.0	3458	575.0	1799.2	1636.0	3459	262.5	2059.6	1110.0
3460	600.0	2964.2	1010.0	3461	212.5	2576.5	808.0	3462	200.0	2059.6	1110.0
3463	75.0	1799.2	1636.0	3464	600.0	3614.2	1010.0	3465	137.5	2059.6	1110.0
3466	437.5	2576.5	808.0	3467	75.0	2059.6	1110.0	3468	600.0	3894.9	1010.0
3469	575.0	2215.9	1636.0	3470	575.0	2389.8	1110.0	3471	575.0	2905.4	1110.0
3472	600.0	959.8	1110.0	3473	512.5	2389.8	1110.0	3474	600.0	910.4	1110.0
3475	437.5	2811.5	808.0	3476	600.0	861.1	1110.0	3477	450.0	2389.8	1110.0
3478	600.0	811.7	1110.0	3479	512.5	2905.4	1110.0	3480	600.0	762.3	1110.0
3481	387.5	2389.8	1110.0	3482	600.0	712.9	1110.0	3483	75.0	2215.9	1636.0
3484	600.0	663.6	1110.0	3485	325.0	2389.8	1110.0	3486	600.0	1058.6	1110.0
3487	575.0	1354.8	1110.0	3488	600.0	1107.9	1110.0	3489	212.5	2811.5	974.0
3490	600.0	1157.3	1110.0	3491	512.5	1354.8	1110.0	3492	600.0	1206.7	1110.0
3493	262.5	2389.8	1110.0	3494	600.0	1256.1	1110.0	3495	450.0	1354.8	1110.0
3496	600.0	1305.4	1110.0	3497	-57.5	2215.9	1647.0	3498	600.0	1354.8	1110.0
3499	387.5	1354.8	1110.0	3500	600.0	1453.6	1110.0	3501	200.0	2389.8	1110.0
3502	600.0	1502.9	1110.0	3503	325.0	1354.8	1110.0	3504	600.0	1552.3	1110.0
3505	212.5	2576.5	974.0	3506	600.0	1601.7	1110.0	3507	262.5	1354.8	1110.0
3508	600.0	1651.1	1110.0	3509	137.5	2389.8	1110.0	3510	600.0	1700.4	1110.0
3511	200.0	1354.8	1110.0	3512	600.0	1749.8	1110.0	3513	325.0	2215.9	1786.0
3514	600.0	1851.3	1110.0	3515	137.5	1354.8	1110.0	3516	600.0	1903.4	1110.0
3517	75.0	2389.8	1110.0	3518	600.0	1955.5	1110.0	3519	75.0	1354.8	1110.0
3520	600.0	2007.5	1110.0	3521	437.5	2576.5	974.0	3522	600.0	2059.6	1110.0
3523	437.5	2811.5	974.0	3524	600.0	2111.7	1110.0	3525	575.0	3488.8	1110.0
3526	600.0	2163.8	1110.0	3527	212.5	2811.5	1110.0	3528	600.0	2250.7	1110.0
3529	200.0	2905.4	1110.0	3530	600.0	2285.5	1110.0	3531	512.5	3488.8	1110.0
3532	600.0	2320.3	1110.0	3533	137.5	2905.4	1110.0	3534	600.0	2355.0	1110.0
3535	212.5	95.0	70.0	3536	600.0	2389.8	1110.0	3537	75.0	2905.4	1110.0
3538	600.0	2424.6	1110.0	3539	575.0	3003.6	1110.0	3540	600.0	2459.4	1110.0
3541	450.0	3488.8	1110.0	3542	600.0	2552.9	1110.0	3543	512.5	3003.6	1110.0
3544	600.0	2611.7	1110.0	3545	212.5	330.0	70.0	3546	600.0	2670.4	1110.0

Firmato digitalmente da:
Fogagni Massimo
Firmato il
01/03/2024 18:24
Serial Certificato:
2702255
Valido dal
01/09/2023 al
Qualified Electronic

3547	450.0	3003.6	1110.0	3548	600.0	2729.2	1110.0	3549	387.5	3488.8	1110.0
3550	600.0	2787.9	1110.0	3551	387.5	3003.6	1110.0	3552	600.0	2846.7	1110.0
3553	575.0	3200.9	1110.0	3554	600.0	2905.4	1110.0	3555	325.0	3003.6	1110.0
3556	600.0	3003.6	1110.0	3557	437.5	330.0	70.0	3558	600.0	3043.1	1110.0
3559	575.0	2111.7	1110.0	3560	600.0	3082.6	1110.0	3561	262.5	3003.6	1110.0
3562	600.0	3122.0	1110.0	3563	512.5	2111.7	1110.0	3564	600.0	3161.5	1110.0
3565	512.5	3200.9	1110.0	3566	600.0	3200.9	1110.0	3567	450.0	2111.7	1110.0
3568	600.0	3240.4	1110.0	3569	200.0	3003.6	1110.0	3570	600.0	3321.6	1110.0
3571	387.5	2111.7	1110.0	3572	600.0	3363.4	1110.0	3573	325.0	3488.8	1110.0
3574	600.0	3405.2	1110.0	3575	325.0	2111.7	1110.0	3576	600.0	3447.0	1110.0
3577	137.5	3003.6	1110.0	3578	600.0	3488.8	1110.0	3579	262.5	2111.7	1110.0
3580	600.0	3530.6	1110.0	3581	450.0	3200.9	1110.0	3582	600.0	3572.4	1110.0
3583	200.0	2111.7	1110.0	3584	600.0	3649.3	1110.0	3585	75.0	3003.6	1110.0
3586	600.0	3684.4	1110.0	3587	137.5	2111.7	1110.0	3588	600.0	3719.4	1110.0
3589	437.5	95.0	70.0	3590	600.0	3754.5	1110.0	3591	75.0	2111.7	1110.0
3592	600.0	3789.6	1110.0	3593	387.5	3200.9	1110.0	3594	600.0	3824.7	1110.0
3595	262.5	3488.8	1110.0	3596	600.0	3859.8	1110.0	3597	325.0	3200.9	1110.0
3598	575.0	3321.6	1110.0	3599	262.5	3200.9	1110.0	3600	707.5	2215.9	1647.0
3601	200.0	3200.9	1110.0	3602	50.0	1009.2	1060.0	3603	512.5	3321.6	1110.0
3604	50.0	1404.2	1060.0	3605	137.5	3200.9	1110.0	3606	50.0	1799.2	1060.0
3607	575.0	2611.7	1110.0	3608	50.0	2494.2	1060.0	3609	200.0	3488.8	1110.0
3610	50.0	2964.2	1060.0	3611	512.5	2611.7	1110.0	3612	50.0	3894.9	1110.0
3613	75.0	3200.9	1110.0	3614	50.0	3614.2	1060.0	3615	450.0	3321.6	1110.0
3616	50.0	1799.2	1110.0	3617	212.5	95.0	310.0	3618	387.5	3321.6	1110.0
3619	137.5	3488.8	1110.0	3620	50.0	1009.2	1110.0	3621	325.0	3321.6	1110.0
3622	212.5	330.0	310.0	3623	575.0	1453.6	1110.0	3624	262.5	3321.6	1110.0
3625	512.5	1453.6	1110.0	3626	50.0	1404.2	1110.0	3627	75.0	3488.8	1110.0
3628	450.0	1453.6	1110.0	3629	200.0	3321.6	1110.0	3630	50.0	2494.2	1110.0
3631	387.5	1453.6	1110.0	3632	437.5	330.0	310.0	3633	325.0	1453.6	1110.0
3634	137.5	2611.7	1110.0	3635	262.5	1453.6	1110.0	3636	50.0	2964.2	1110.0
3637	137.5	3321.6	1110.0	3638	200.0	1453.6	1110.0	3639	75.0	2611.7	1110.0
3640	137.5	1453.6	1110.0	3641	437.5	95.0	310.0	3642	50.0	3614.2	1110.0
3643	75.0	1453.6	1110.0	3644	75.0	3321.6	1110.0	3645	575.0	2424.6	1110.0
3646	50.0	811.7	1060.0	3647	50.0	2355.0	1060.0	3648	50.0	3447.0	1060.0
3649	50.0	1206.7	1060.0	3650	50.0	1601.7	1060.0	3651	50.0	2007.5	1060.0
3652	50.0	2729.2	1060.0	3653	50.0	3754.5	1060.0	3654	50.0	3122.0	1060.0
3655	50.0	712.9	1060.0	3656	50.0	2285.5	1060.0	3657	50.0	3363.4	1060.0
3658	50.0	1107.9	1060.0	3659	50.0	1502.9	1060.0	3660	50.0	1903.4	1060.0
3661	50.0	2611.7	1060.0	3662	50.0	3684.4	1060.0	3663	50.0	3043.1	1060.0
3664	50.0	910.4	1060.0	3665	50.0	2424.6	1060.0	3666	50.0	3530.6	1060.0
3667	50.0	1305.4	1060.0	3668	50.0	1700.4	1060.0	3669	50.0	2111.7	1060.0
3670	50.0	2846.7	1060.0	3671	50.0	3824.7	1060.0	3672	50.0	3200.9	1060.0
3673	50.0	663.6	1060.0	3674	50.0	2250.7	1060.0	3675	50.0	3321.6	1060.0
3676	50.0	1058.6	1060.0	3677	50.0	1453.6	1060.0	3678	50.0	1851.3	1060.0
3679	50.0	2552.9	1060.0	3680	50.0	3649.3	1060.0	3681	50.0	3003.6	1060.0
3682	50.0	861.1	1060.0	3683	50.0	2389.8	1060.0	3684	50.0	3488.8	1060.0
3685	50.0	1256.1	1060.0	3686	50.0	1651.1	1060.0	3687	50.0	2059.6	1060.0
3688	50.0	2787.9	1060.0	3689	50.0	3789.6	1060.0	3690	50.0	3161.5	1060.0
3691	50.0	762.3	1060.0	3692	50.0	2320.3	1060.0	3693	50.0	3405.2	1060.0
3694	50.0	1157.3	1060.0	3695	50.0	1552.3	1060.0	3696	50.0	1955.5	1060.0
3697	50.0	2670.4	1060.0	3698	50.0	3719.4	1060.0	3699	50.0	3082.6	1060.0
3700	50.0	959.8	1060.0	3701	50.0	2459.4	1060.0	3702	50.0	3572.4	1060.0
3703	50.0	1354.8	1060.0	3704	50.0	1749.8	1060.0	3705	50.0	2163.8	1060.0
3706	50.0	2905.4	1060.0	3707	50.0	3859.8	1060.0	3708	50.0	3240.4	1060.0
3709	50.0	1009.2	1010.0	3710	212.5	95.0	1480.0	3711	512.5	2424.6	1110.0
3712	212.5	330.0	1480.0	3713	50.0	1404.2	1010.0	3714	450.0	2424.6	1110.0
3715	437.5	330.0	1480.0	3716	387.5	2424.6	1110.0	3717	50.0	1799.2	1010.0
3718	437.5	95.0	1480.0	3719	325.0	2424.6	1110.0	3720	575.0	2163.8	1110.0
3721	50.0	2494.2	1010.0	3722	212.5	95.0	476.0	3723	512.5	2163.8	1110.0
3724	262.5	2424.6	1110.0	3725	50.0	2964.2	1010.0	3726	450.0	2163.8	1110.0
3727	-57.5	2494.2	1647.0	3728	387.5	2163.8	1110.0	3729	50.0	3614.2	1010.0
3730	200.0	2424.6	1110.0	3731	325.0	2163.8	1110.0	3732	575.0	1502.9	1110.0
3733	50.0	3894.9	1010.0	3734	212.5	330.0	476.0	3735	512.5	1502.9	1110.0
3736	262.5	2163.8	1110.0	3737	50.0	959.8	1110.0	3738	450.0	1502.9	1110.0
3739	50.0	910.4	1110.0	3740	137.5	2424.6	1110.0	3741	50.0	861.1	1110.0
3742	387.5	1502.9	1110.0	3743	50.0	811.7	1110.0	3744	200.0	2163.8	1110.0
3745	50.0	762.3	1110.0	3746	325.0	1502.9	1110.0	3747	50.0	712.9	1110.0
3748	325.0	2494.2	1786.0	3749	50.0	663.6	1110.0	3750	262.5	1502.9	1110.0

Firmato digitalmente da: Fogagni Massimo
Firmato il 07/05/2024 18:24
Serial#: 2a02e55
Trust Italia S.p.A. Qualified Electronic Seal CA

3751	50.0	1058.6	1110.0	3752	137.5	2163.8	1110.0	3753	50.0	1107.9	1110.0
3754	200.0	1502.9	1110.0	3755	50.0	1157.3	1110.0	3756	75.0	2424.6	1110.0
3757	50.0	1206.7	1110.0	3758	137.5	1502.9	1110.0	3759	50.0	1256.1	1110.0
3760	75.0	2163.8	1110.0	3761	50.0	1305.4	1110.0	3762	75.0	1502.9	1110.0
3763	50.0	1354.8	1110.0	3764	437.5	330.0	476.0	3765	50.0	1453.6	1110.0
3766	437.5	95.0	476.0	3767	50.0	1502.9	1110.0	3768	212.5	95.0	642.0
3769	50.0	1552.3	1110.0	3770	212.5	330.0	642.0	3771	50.0	1601.7	1110.0
3772	437.5	330.0	642.0	3773	50.0	1651.1	1110.0	3774	437.5	95.0	642.0
3775	50.0	1700.4	1110.0	3776	212.5	95.0	808.0	3777	50.0	1749.8	1110.0
3778	707.5	2494.2	1647.0	3779	50.0	1851.3	1110.0	3780	212.5	330.0	808.0
3781	50.0	1903.4	1110.0	3782	437.5	330.0	808.0	3783	50.0	1955.5	1110.0
3784	437.5	95.0	808.0	3785	50.0	2007.5	1110.0	3786	212.5	95.0	974.0
3787	50.0	2059.6	1110.0	3788	575.0	3082.6	1110.0	3789	50.0	2111.7	1110.0
3790	212.5	330.0	974.0	3791	50.0	2163.8	1110.0	3792	512.5	3082.6	1110.0
3793	50.0	2250.7	1110.0	3794	437.5	330.0	974.0	3795	50.0	2285.5	1110.0
3796	450.0	3082.6	1110.0	3797	50.0	2320.3	1110.0	3798	437.5	95.0	974.0
3799	50.0	2355.0	1110.0	3800	387.5	3082.6	1110.0	3801	50.0	2389.8	1110.0
3802	575.0	1552.3	1110.0	3803	50.0	2424.6	1110.0	3804	212.5	95.0	1120.0
3805	50.0	2459.4	1110.0	3806	512.5	1552.3	1110.0	3807	50.0	2552.9	1110.0
3808	325.0	3082.6	1110.0	3809	50.0	2611.7	1110.0	3810	450.0	1552.3	1110.0
3811	50.0	2670.4	1110.0	3812	212.5	330.0	1120.0	3813	50.0	2729.2	1110.0
3814	387.5	1552.3	1110.0	3815	50.0	2787.9	1110.0	3816	262.5	3082.6	1110.0
3817	50.0	2846.7	1110.0	3818	325.0	1552.3	1110.0	3819	50.0	2905.4	1110.0
3820	-57.5	2964.2	1647.0	3821	50.0	3003.6	1110.0	3822	262.5	1552.3	1110.0
3823	50.0	3043.1	1110.0	3824	200.0	3082.6	1110.0	3825	50.0	3082.6	1110.0
3826	200.0	1552.3	1110.0	3827	50.0	3122.0	1110.0	3828	437.5	330.0	1120.0
3829	50.0	3161.5	1110.0	3830	137.5	1552.3	1110.0	3831	50.0	3200.9	1110.0
3832	137.5	3082.6	1110.0	3833	50.0	3240.4	1110.0	3834	75.0	1552.3	1110.0
3835	50.0	3321.6	1110.0	3836	325.0	2964.2	1786.0	3837	50.0	3363.4	1110.0
3838	75.0	3082.6	1110.0	3839	50.0	3405.2	1110.0	3840	437.5	95.0	1120.0
3841	50.0	3447.0	1110.0	3842	212.5	95.0	1306.0	3843	50.0	3488.8	1110.0
3844	212.5	330.0	1306.0	3845	50.0	3530.6	1110.0	3846	437.5	330.0	1306.0
3847	50.0	3572.4	1110.0	3848	437.5	95.0	1306.0	3849	50.0	3649.3	1110.0
3850	212.5	95.0	366.7	3851	50.0	3684.4	1110.0	3852	437.5	95.0	366.7
3853	50.0	3719.4	1110.0	3854	707.5	2964.2	1647.0	3855	50.0	3754.5	1110.0
3856	212.5	2576.5	1110.0	3857	50.0	3789.6	1110.0	3858	437.5	2576.5	1110.0
3859	50.0	3824.7	1110.0	3860	170.2	330.0	366.7	3861	50.0	3859.8	1110.0
3862	212.5	330.0	366.7	3863	600.0	614.2	1080.0	3864	437.5	2811.5	1110.0
3865	50.0	614.2	1080.0	3866	387.5	3824.7	1110.0	3867	600.0	1009.2	1080.0
3868	50.0	1009.2	1080.0	3869	600.0	1404.2	1080.0	3870	50.0	1404.2	1080.0
3871	600.0	1799.2	1080.0	3872	50.0	1799.2	1080.0	3873	600.0	2215.9	1080.0
3874	50.0	2215.9	1080.0	3875	575.0	2215.9	1080.0	3876	75.0	2215.9	1080.0
3877	707.5	2215.9	1080.0	3878	740.0	2215.9	1080.0	3879	-57.5	2215.9	1080.0
3880	-90.0	2215.9	1080.0	3881	575.0	1799.2	1080.0	3882	75.0	1799.2	1080.0
3883	575.0	1404.2	1080.0	3884	75.0	1404.2	1080.0	3885	575.0	1009.2	1080.0
3886	75.0	1009.2	1080.0	3887	575.0	614.2	1080.0	3888	75.0	614.2	1080.0
3889	325.0	614.2	1080.0	3890	200.0	614.2	1080.0	3891	450.0	614.2	1080.0
3892	137.5	614.2	1080.0	3893	387.5	614.2	1080.0	3894	262.5	614.2	1080.0
3895	512.5	614.2	1080.0	3896	575.0	614.2	1110.0	3897	575.0	2787.9	1110.0
3898	512.5	614.2	1110.0	3899	212.5	2811.5	1306.0	3900	450.0	614.2	1110.0
3901	512.5	2787.9	1110.0	3902	387.5	614.2	1110.0	3903	575.0	1601.7	1110.0
3904	325.0	614.2	1110.0	3905	212.5	2576.5	1306.0	3906	262.5	614.2	1110.0
3907	512.5	1601.7	1110.0	3908	200.0	614.2	1110.0	3909	575.0	3447.0	1110.0
3910	137.5	614.2	1110.0	3911	450.0	1601.7	1110.0	3912	75.0	614.2	1110.0
3913	437.5	2576.5	1306.0	3914	387.5	1601.7	1110.0	3915	512.5	3447.0	1110.0
3916	325.0	1009.2	1080.0	3917	200.0	1009.2	1080.0	3918	450.0	1009.2	1080.0
3919	137.5	1009.2	1080.0	3920	387.5	1009.2	1080.0	3921	262.5	1009.2	1080.0
3922	512.5	1009.2	1080.0	3923	575.0	1009.2	1110.0	3924	325.0	1601.7	1110.0
3925	512.5	1009.2	1110.0	3926	575.0	3754.5	1110.0	3927	450.0	1009.2	1110.0
3928	262.5	1601.7	1110.0	3929	387.5	1009.2	1110.0	3930	137.5	2787.9	1110.0
3931	325.0	1009.2	1110.0	3932	200.0	1601.7	1110.0	3933	262.5	1009.2	1110.0
3934	450.0	3447.0	1110.0	3935	200.0	1009.2	1110.0	3936	137.5	1601.7	1110.0
3937	137.5	1009.2	1110.0	3938	75.0	2787.9	1110.0	3939	75.0	1009.2	1110.0
3940	75.0	1601.7	1110.0	3941	-57.5	3279.9	1647.0	3942	575.0	2459.4	1110.0
3943	325.0	1404.2	1080.0	3944	200.0	1404.2	1080.0	3945	450.0	1404.2	1080.0
3946	137.5	1404.2	1080.0	3947	387.5	1404.2	1080.0	3948	262.5	1404.2	1080.0
3949	512.5	1404.2	1080.0	3950	575.0	1404.2	1110.0	3951	387.5	3447.0	1110.0
3952	512.5	1404.2	1110.0	3953	512.5	2459.4	1110.0	3954	450.0	1404.2	1110.0

Firmato digitalmente da: Segatori Massimo
Firmato il 30/10/2024 18:24
Serial Certificato: 2702255
valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature CA

3955	512.5	3754.5	1110.0	3956	387.5	1404.2	1110.0	3957	450.0	2459.4	1110.0
3958	325.0	1404.2	1110.0	3959	325.0	3447.0	1110.0	3960	262.5	1404.2	1110.0
3961	387.5	2459.4	1110.0	3962	200.0	1404.2	1110.0	3963	437.5	2811.5	1306.0
3964	137.5	1404.2	1110.0	3965	325.0	2459.4	1110.0	3966	75.0	1404.2	1110.0
3967	262.5	3447.0	1110.0	3968	262.5	2459.4	1110.0	3969	450.0	3754.5	1110.0
3970	325.0	1799.2	1080.0	3971	200.0	1799.2	1080.0	3972	450.0	1799.2	1080.0
3973	137.5	1799.2	1080.0	3974	387.5	1799.2	1080.0	3975	262.5	1799.2	1080.0
3976	512.5	1799.2	1080.0	3977	575.0	1799.2	1110.0	3978	200.0	2459.4	1110.0
3979	512.5	1799.2	1110.0	3980	200.0	3447.0	1110.0	3981	450.0	1799.2	1110.0
3982	137.5	2459.4	1110.0	3983	387.5	1799.2	1110.0	3984	575.0	3719.4	1110.0
3985	325.0	1799.2	1110.0	3986	75.0	2459.4	1110.0	3987	262.5	1799.2	1110.0
3988	137.5	3447.0	1110.0	3989	200.0	1799.2	1110.0	3990	575.0	1651.1	1110.0
3991	137.5	1799.2	1110.0	3992	325.0	3279.9	1786.0	3993	75.0	1799.2	1110.0
3994	512.5	1651.1	1110.0	3995	75.0	3447.0	1110.0	3996	450.0	1651.1	1110.0
3997	325.0	2215.9	1080.0	3998	200.0	2215.9	1080.0	3999	450.0	2215.9	1080.0
4000	137.5	2215.9	1080.0	4001	387.5	2215.9	1080.0	4002	262.5	2215.9	1080.0
4003	512.5	2215.9	1080.0	4004	575.0	2215.9	1110.0	4005	512.5	3719.4	1110.0
4006	512.5	2215.9	1110.0	4007	387.5	1651.1	1110.0	4008	450.0	2215.9	1110.0
4009	387.5	3754.5	1110.0	4010	387.5	2215.9	1110.0	4011	325.0	1651.1	1110.0
4012	325.0	2215.9	1110.0	4013	450.0	3719.4	1110.0	4014	262.5	2215.9	1110.0
4015	262.5	1651.1	1110.0	4016	200.0	2215.9	1110.0	4017	212.5	2811.5	371.4
4018	137.5	2215.9	1110.0	4019	200.0	1651.1	1110.0	4020	75.0	2215.9	1110.0
4021	387.5	3719.4	1110.0	4022	600.0	2494.2	1080.0	4023	50.0	2494.2	1080.0
4024	575.0	2494.2	1080.0	4025	75.0	2494.2	1080.0	4026	707.5	2494.2	1080.0
4027	740.0	2494.2	1080.0	4028	-57.5	2494.2	1080.0	4029	-90.0	2494.2	1080.0
4030	137.5	1651.1	1110.0	4031	325.0	3754.5	1110.0	4032	325.0	2494.2	1080.0
4033	200.0	2494.2	1080.0	4034	450.0	2494.2	1080.0	4035	137.5	2494.2	1080.0
4036	387.5	2494.2	1080.0	4037	262.5	2494.2	1080.0	4038	512.5	2494.2	1080.0
4039	575.0	2494.2	1110.0	4040	75.0	1651.1	1110.0	4041	512.5	2494.2	1110.0
4042	325.0	3719.4	1110.0	4043	450.0	2494.2	1110.0	4044	575.0	3789.6	1110.0
4045	387.5	2494.2	1110.0	4046	262.5	3719.4	1110.0	4047	325.0	2494.2	1110.0
4048	262.5	3754.5	1110.0	4049	262.5	2494.2	1110.0	4050	200.0	3719.4	1110.0
4051	200.0	2494.2	1110.0	4052	479.8	330.0	366.7	4053	137.5	2494.2	1110.0
4054	575.0	3684.3	1110.0	4055	75.0	2494.2	1110.0	4056	137.5	3719.4	1110.0
4057	600.0	2964.2	1080.0	4058	50.0	2964.2	1080.0	4059	575.0	2964.2	1080.0
4060	75.0	2964.2	1080.0	4061	707.5	2964.2	1080.0	4062	740.0	2964.2	1080.0
4063	-57.5	2964.2	1080.0	4064	-90.0	2964.2	1080.0	4065	512.5	3684.3	1110.0
4066	200.0	3754.5	1110.0	4067	325.0	2964.2	1080.0	4068	200.0	2964.2	1080.0
4069	450.0	2964.2	1080.0	4070	137.5	2964.2	1080.0	4071	387.5	2964.2	1080.0
4072	262.5	2964.2	1080.0	4073	512.5	2964.2	1080.0	4074	575.0	2964.2	1110.0
4075	575.0	2250.7	1110.0	4076	512.5	2964.2	1110.0	4077	450.0	3684.3	1110.0
4078	450.0	2964.2	1110.0	4079	512.5	2250.7	1110.0	4080	387.5	2964.2	1110.0
4081	75.0	3719.4	1110.0	4082	325.0	2964.2	1110.0	4083	450.0	2250.7	1110.0
4084	262.5	2964.2	1110.0	4085	387.5	3684.3	1110.0	4086	200.0	2964.2	1110.0
4087	387.5	2250.7	1110.0	4088	137.5	2964.2	1110.0	4089	512.5	3789.6	1110.0
4090	75.0	2964.2	1110.0	4091	325.0	2250.7	1110.0	4092	600.0	3279.9	1080.0
4093	50.0	3279.9	1080.0	4094	575.0	3279.9	1080.0	4095	75.0	3279.9	1080.0
4096	707.5	3279.9	1080.0	4097	740.0	3279.9	1080.0	4098	-57.5	3279.9	1080.0
4099	-90.0	3279.9	1080.0	4100	575.0	1700.4	1110.0	4101	325.0	3684.3	1110.0
4102	325.0	3279.9	1080.0	4103	200.0	3279.9	1080.0	4104	450.0	3279.9	1080.0
4105	137.5	3279.9	1080.0	4106	387.5	3279.9	1080.0	4107	262.5	3279.9	1080.0
4108	512.5	3279.9	1080.0	4109	575.0	3279.9	1110.0	4110	512.5	1700.4	1110.0
4111	512.5	3279.9	1110.0	4112	262.5	2250.7	1110.0	4113	450.0	3279.9	1110.0
4114	450.0	1700.4	1110.0	4115	387.5	3279.9	1110.0	4116	137.5	3754.5	1110.0
4117	325.0	3279.9	1110.0	4118	387.5	1700.4	1110.0	4119	262.5	3279.9	1110.0
4120	200.0	2250.7	1110.0	4121	200.0	3279.9	1110.0	4122	325.0	1700.4	1110.0
4123	137.5	3279.9	1110.0	4124	262.5	3684.3	1110.0	4125	75.0	3279.9	1110.0
4126	262.5	1700.4	1110.0	4127	600.0	3614.2	1080.0	4128	50.0	3614.2	1080.0
4129	575.0	3614.2	1080.0	4130	75.0	3614.2	1080.0	4131	707.5	3614.2	1080.0
4132	740.0	3614.2	1080.0	4133	-57.5	3614.2	1080.0	4134	-90.0	3614.2	1080.0
4135	137.5	2250.7	1110.0	4136	200.0	1700.4	1110.0	4137	325.0	3614.2	1080.0
4138	200.0	3614.2	1080.0	4139	450.0	3614.2	1080.0	4140	137.5	3614.2	1080.0
4141	387.5	3614.2	1080.0	4142	262.5	3614.2	1080.0	4143	512.5	3614.2	1080.0
4144	575.0	3614.2	1110.0	4145	437.5	330.0	366.7	4146	512.5	3614.2	1110.0
4147	137.5	1700.4	1110.0	4148	450.0	3614.2	1110.0	4149	75.0	2250.7	1110.0
4150	387.5	3614.2	1110.0	4151	75.0	1700.4	1110.0	4152	325.0	3614.2	1110.0
4153	200.0	3684.3	1110.0	4154	262.5	3614.2	1110.0	4155	75.0	3754.5	1110.0
4156	200.0	3614.2	1110.0	4157	137.5	3684.3	1110.0	4158	137.5	3614.2	1110.0

Firmato digitalmente da:
Fogagni Massimo
Firmato il
10/01/2024 18:24
Serial Certificato:
2702255
Valido dal
01/09/2023 al
Qualified Electronic

4159	450.0	3789.6	1110.0	4160	75.0	3614.2	1110.0	4161	75.0	3684.3	1110.0
4162	600.0	3894.9	1080.0	4163	50.0	3894.9	1080.0	4164	575.0	3894.9	1080.0
4165	75.0	3894.9	1080.0	4166	707.5	3894.9	1080.0	4167	740.0	3894.9	1080.0
4168	-57.5	3894.9	1080.0	4169	-90.0	3894.9	1080.0	4170	437.5	2811.5	371.4
4171	575.0	3161.5	1110.0	4172	325.0	3894.9	1080.0	4173	200.0	3894.9	1080.0
4174	450.0	3894.9	1080.0	4175	137.5	3894.9	1080.0	4176	387.5	3894.9	1080.0
4177	262.5	3894.9	1080.0	4178	512.5	3894.9	1080.0	4179	575.0	3894.9	1110.0
4180	387.5	3789.6	1110.0	4181	512.5	3894.9	1110.0	4182	512.5	3161.5	1110.0
4183	450.0	3894.9	1110.0	4184	-90.0	3894.9	1110.0	4185	387.5	3894.9	1110.0
4186	450.0	3161.5	1110.0	4187	325.0	3894.9	1110.0	4188	325.0	3789.6	1110.0
4189	262.5	3894.9	1110.0	4190	387.5	3161.5	1110.0	4191	200.0	3894.9	1110.0
4192	212.5	2576.5	371.4	4193	137.5	3894.9	1110.0	4194	325.0	3161.5	1110.0
4195	75.0	3894.9	1110.0	4196	262.5	3789.6	1110.0	4197	-3.8	2215.9	1080.0
4198	262.5	3161.5	1110.0	4199	575.0	3649.3	1110.0	4200	-3.8	2215.9	1110.0
4201	200.0	3161.5	1110.0	4202	-57.5	2215.9	1110.0	4203	575.0	1749.8	1110.0
4204	653.8	2215.9	1080.0	4205	262.5	2846.7	1110.0	4206	-90.0	2215.9	1110.0
4207	512.5	1749.8	1110.0	4208	137.5	3161.5	1110.0	4209	450.0	1749.8	1110.0
4210	512.5	3649.3	1110.0	4211	653.8	2215.9	1110.0	4212	387.5	1749.8	1110.0
4213	75.0	3161.5	1110.0	4214	325.0	1749.8	1110.0	4215	200.0	3789.6	1110.0
4216	707.5	2215.9	1110.0	4217	262.5	1749.8	1110.0	4218	450.0	3649.3	1110.0
4219	200.0	1749.8	1110.0	4220	707.5	3279.9	1647.0	4221	740.0	2215.9	1110.0
4222	137.5	1749.8	1110.0	4223	653.8	2494.2	1080.0	4224	-3.8	2494.2	1080.0
4225	653.8	2964.2	1080.0	4226	-3.8	2964.2	1080.0	4227	653.8	3279.9	1080.0
4228	-3.8	3279.9	1080.0	4229	653.8	3614.2	1080.0	4230	-3.8	3614.2	1080.0
4231	653.8	3894.9	1080.0	4232	-3.8	3894.9	1080.0	4233	-3.8	2494.2	1110.0
4234	387.5	3649.3	1110.0	4235	-57.5	2494.2	1110.0	4236	75.0	1749.8	1110.0
4237	-90.0	2494.2	1110.0	4238	137.5	3789.6	1110.0	4239	653.8	2494.2	1110.0
4240	325.0	3649.3	1110.0	4241	707.5	2494.2	1110.0	4242	200.0	2846.7	1110.0
4243	740.0	2494.2	1110.0	4244	262.5	3649.3	1110.0	4245	-3.8	2964.2	1110.0
4246	75.0	3789.6	1110.0	4247	-57.5	2964.2	1110.0	4248	200.0	3649.3	1110.0
4249	-90.0	2964.2	1110.0	4250	212.5	95.0	712.8	4251	653.8	2964.2	1110.0
4252	137.5	3649.3	1110.0	4253	707.5	2964.2	1110.0	4254	437.5	95.0	712.8
4255	740.0	2964.2	1110.0	4256	75.0	3649.3	1110.0	4257	-3.8	3279.9	1110.0
4258	170.2	330.0	712.8	4259	-57.5	3279.9	1110.0	4260	212.5	330.0	712.8
4261	-90.0	3279.9	1110.0	4262	479.8	330.0	712.8	4263	653.8	3279.9	1110.0
4264	575.0	3405.2	1110.0	4265	707.5	3279.9	1110.0	4266	575.0	3824.7	1110.0
4267	740.0	3279.9	1110.0	4268	512.5	3405.2	1110.0	4269	-3.8	3614.2	1110.0
4270	437.5	330.0	712.8	4271	-57.5	3614.2	1110.0	4272	450.0	3405.2	1110.0
4273	-90.0	3614.2	1110.0	4274	287.5	2576.5	1480.0	4275	437.5	2733.1	1480.0
4276	287.5	2811.5	1480.0	4277	212.5	2733.1	1480.0	4278	362.5	2576.5	1480.0
4279	437.5	2654.8	1480.0	4280	362.5	2811.5	1480.0	4281	212.5	2654.8	1480.0
4282	287.5	2733.1	1480.0	4283	287.5	2654.8	1480.0	4284	362.5	2733.1	1480.0
4285	362.5	2654.8	1480.0	4286	50.0	482.5	1095.0	4287	50.0	548.4	1095.0
4288	50.0	416.7	1095.0	4289	50.0	350.9	1095.0	4290	50.0	285.0	1095.0
4291	90.1	285.0	1095.0	4292	130.2	285.0	1095.0	4293	170.2	285.0	1095.0
4294	208.9	39.8	1095.0	4295	170.2	39.8	1095.0	4296	247.6	39.8	1095.0
4297	286.3	39.8	1095.0	4298	325.0	39.8	1095.0	4299	170.2	236.0	1095.0
4300	170.2	186.9	1095.0	4301	170.2	137.9	1095.0	4302	170.2	88.8	1095.0
4303	600.0	482.5	1095.0	4304	600.0	548.4	1095.0	4305	600.0	416.7	1095.0
4306	600.0	350.9	1095.0	4307	600.0	285.0	1095.0	4308	559.9	285.0	1095.0
4309	519.8	285.0	1095.0	4310	479.8	285.0	1095.0	4311	479.8	39.8	1095.0
4312	441.1	39.8	1095.0	4313	402.4	39.8	1095.0	4314	363.7	39.8	1095.0
4315	479.8	236.0	1095.0	4316	479.8	186.9	1095.0	4317	479.8	137.9	1095.0
4318	479.8	88.8	1095.0	4319	325.0	879.1	817.8	4320	50.0	2050.5	817.8
4321	50.0	1951.0	817.8	4322	50.0	1851.5	817.8	4323	50.0	2150.0	817.8
4324	50.0	1752.0	817.8	4325	50.0	2160.0	817.8	4326	325.0	2050.5	817.8
4327	325.0	1951.0	817.8	4328	325.0	1851.5	817.8	4329	600.0	2050.5	817.8
4330	600.0	1951.0	817.8	4331	600.0	1851.5	817.8	4332	325.0	2150.0	817.8
4333	600.0	2150.0	817.8	4334	325.0	1752.0	817.8	4335	600.0	1752.0	817.8
4336	325.0	978.6	817.8	4337	325.0	779.6	817.8	4338	325.0	1078.1	817.8
4339	325.0	670.1	817.8	4340	600.0	779.6	817.8	4341	600.0	879.1	817.8
4342	600.0	978.6	817.8	4343	50.0	779.6	817.8	4344	50.0	879.1	817.8
4345	50.0	978.6	817.8	4346	325.0	680.1	817.8	4347	50.0	1078.1	817.8
4348	600.0	1078.1	817.8	4349	653.8	2285.5	1110.0	4350	-90.0	2424.6	1110.0
4351	653.8	2320.3	1110.0	4352	-90.0	2459.4	1110.0	4353	653.8	2355.0	1110.0
4354	-57.5	3363.4	1110.0	4355	653.8	2389.8	1110.0	4356	-90.0	3240.4	1110.0
4357	653.8	2424.6	1110.0	4358	-57.5	3405.2	1110.0	4359	653.8	2459.4	1110.0
4360	-57.5	3447.0	1110.0	4361	-57.5	3488.8	1110.0	4362	-57.5	3530.6	1110.0

Firmato digitalmente da: Degli Massimo
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4363	-57.5	3572.4	1110.0	4364	-57.5	3649.3	1110.0	4365	653.8	2250.7	1110.0
4366	740.0	3003.6	1110.0	4367	740.0	3043.1	1110.0	4368	740.0	3082.6	1110.0
4369	740.0	3122.0	1110.0	4370	740.0	3161.5	1110.0	4371	740.0	3200.9	1110.0
4372	740.0	3240.4	1110.0	4373	-57.5	3684.4	1110.0	4374	-57.5	3719.4	1110.0
4375	-57.5	3754.5	1110.0	4376	-57.5	3789.6	1110.0	4377	-57.5	3824.7	1110.0
4378	707.5	2285.5	1110.0	4379	-57.5	3859.8	1110.0	4380	707.5	2320.3	1110.0
4381	-90.0	3321.6	1110.0	4382	707.5	2355.0	1110.0	4383	-90.0	3363.4	1110.0
4384	707.5	2389.8	1110.0	4385	697.5	3614.2	1080.0	4386	707.5	2424.6	1110.0
4387	-90.0	3405.2	1110.0	4388	707.5	2459.4	1110.0	4389	-90.0	3447.0	1110.0
4390	653.8	3321.6	1110.0	4391	653.8	3363.4	1110.0	4392	653.8	3405.2	1110.0
4393	653.8	3447.0	1110.0	4394	707.5	2250.7	1110.0	4395	653.8	3488.8	1110.0
4396	653.8	3530.6	1110.0	4397	653.8	3572.4	1110.0	4398	-90.0	3488.8	1110.0
4399	-90.0	3530.6	1110.0	4400	740.0	3649.3	1110.0	4401	740.0	3684.4	1110.0
4402	740.0	3719.4	1110.0	4403	740.0	3754.5	1110.0	4404	740.0	3789.6	1110.0
4405	740.0	3824.7	1110.0	4406	740.0	3859.8	1110.0	4407	-90.0	3572.4	1110.0
4408	-90.0	3649.3	1110.0	4409	-90.0	3684.4	1110.0	4410	653.8	2552.9	1110.0
4411	653.8	2611.7	1110.0	4412	653.8	2670.4	1110.0	4413	653.8	2729.2	1110.0
4414	653.8	2787.9	1110.0	4415	653.8	2846.7	1110.0	4416	653.8	2905.4	1110.0
4417	-90.0	3719.4	1110.0	4418	-90.0	3754.5	1110.0	4419	-90.0	3789.6	1110.0
4420	740.0	2285.5	1110.0	4421	-90.0	3824.7	1110.0	4422	740.0	2320.3	1110.0
4423	-90.0	3859.8	1110.0	4424	740.0	2355.0	1110.0	4425	697.5	3894.9	1080.0
4426	740.0	2389.8	1110.0	4427	697.5	2215.9	1110.0	4428	740.0	2424.6	1110.0
4429	697.5	2494.2	1110.0	4430	740.0	2459.4	1110.0	4431	697.5	2964.2	1110.0
4432	697.5	3279.9	1110.0	4433	-47.5	3894.9	1080.0	4434	-47.5	3614.2	1080.0
4435	-47.5	3614.2	1110.0	4436	740.0	2250.7	1110.0	4437	-47.5	3894.9	1110.0
4438	-47.5	2215.9	1110.0	4439	707.5	3321.6	1110.0	4440	-3.8	2250.7	1110.0
4441	-3.8	2285.5	1110.0	4442	-3.8	2320.3	1110.0	4443	-3.8	2355.0	1110.0
4444	-3.8	2389.8	1110.0	4445	-3.8	2424.6	1110.0	4446	-3.8	2459.4	1110.0
4447	707.5	3363.4	1110.0	4448	707.5	3405.2	1110.0	4449	707.5	3447.0	1110.0
4450	707.5	3488.8	1110.0	4451	707.5	3530.6	1110.0	4452	707.5	3572.4	1110.0
4453	-47.5	2494.2	1110.0	4454	-47.5	2964.2	1110.0	4455	-47.5	3279.9	1110.0
4456	-47.5	3279.9	1080.0	4457	-47.5	2964.2	1080.0	4458	707.5	2552.9	1110.0
4459	707.5	2611.7	1110.0	4460	707.5	2670.4	1110.0	4461	707.5	2729.2	1110.0
4462	707.5	2787.9	1110.0	4463	707.5	2846.7	1110.0	4464	707.5	2905.4	1110.0
4465	-47.5	2494.2	1080.0	4466	-47.5	2215.9	1080.0	4467	697.5	3614.2	1110.0
4468	697.5	3894.9	1110.0	4469	697.5	2215.9	1080.0	4470	697.5	2494.2	1080.0
4471	697.5	2964.2	1080.0	4472	697.5	3279.9	1080.0	4473	-90.0	2552.9	1110.0
4474	-90.0	2611.7	1110.0	4475	-3.8	2552.9	1110.0	4476	-3.8	2611.7	1110.0
4477	-3.8	2670.4	1110.0	4478	-3.8	2729.2	1110.0	4479	-3.8	2787.9	1110.0
4480	-3.8	2846.7	1110.0	4481	-3.8	2905.4	1110.0	4482	-3.8	3003.6	1110.0
4483	-3.8	3043.1	1110.0	4484	-3.8	3082.6	1110.0	4485	-3.8	3122.0	1110.0
4486	-3.8	3161.5	1110.0	4487	740.0	3321.6	1110.0	4488	740.0	3363.4	1110.0
4489	740.0	3405.2	1110.0	4490	740.0	3447.0	1110.0	4491	740.0	3488.8	1110.0
4492	740.0	2552.9	1110.0	4493	740.0	2611.7	1110.0	4494	740.0	2670.4	1110.0
4495	740.0	2729.2	1110.0	4496	740.0	2787.9	1110.0	4497	740.0	2846.7	1110.0
4498	-57.5	2250.7	1110.0	4499	-57.5	2285.5	1110.0	4500	-57.5	2320.3	1110.0
4501	-57.5	2355.0	1110.0	4502	-57.5	2389.8	1110.0	4503	-57.5	2424.6	1110.0
4504	-57.5	2459.4	1110.0	4505	740.0	2905.4	1110.0	4506	740.0	3530.6	1110.0
4507	740.0	3572.4	1110.0	4508	-3.8	3200.9	1110.0	4509	-3.8	3240.4	1110.0
4510	-3.8	3321.6	1110.0	4511	-3.8	3363.4	1110.0	4512	-90.0	2670.4	1110.0
4513	-3.8	3405.2	1110.0	4514	-3.8	3447.0	1110.0	4515	-3.8	3488.8	1110.0
4516	-3.8	3530.6	1110.0	4517	653.8	3649.3	1110.0	4518	653.8	3003.6	1110.0
4519	653.8	3043.1	1110.0	4520	653.8	3082.6	1110.0	4521	653.8	3122.0	1110.0
4522	653.8	3161.5	1110.0	4523	653.8	3200.9	1110.0	4524	653.8	3240.4	1110.0
4525	653.8	3684.4	1110.0	4526	653.8	3719.4	1110.0	4527	653.8	3754.5	1110.0
4528	653.8	3789.6	1110.0	4529	653.8	3824.7	1110.0	4530	653.8	3859.8	1110.0
4531	-3.8	3572.4	1110.0	4532	-3.8	3649.3	1110.0	4533	-3.8	3684.4	1110.0
4534	-3.8	3719.4	1110.0	4535	-3.8	3754.5	1110.0	4536	-3.8	3789.6	1110.0
4537	-3.8	3824.7	1110.0	4538	-3.8	3859.8	1110.0	4539	-90.0	2729.2	1110.0
4540	-90.0	2787.9	1110.0	4541	-90.0	2846.7	1110.0	4542	-90.0	2905.4	1110.0
4543	-90.0	3003.6	1110.0	4544	-90.0	3043.1	1110.0	4545	-90.0	3082.6	1110.0
4546	-90.0	3122.0	1110.0	4547	-90.0	3161.5	1110.0	4548	-90.0	3200.9	1110.0
4549	-57.5	2552.9	1110.0	4550	-57.5	2611.7	1110.0	4551	-57.5	2670.4	1110.0
4552	707.5	3003.6	1110.0	4553	707.5	3043.1	1110.0	4554	707.5	3082.6	1110.0
4555	707.5	3122.0	1110.0	4556	707.5	3161.5	1110.0	4557	707.5	3200.9	1110.0
4558	707.5	3240.4	1110.0	4559	-57.5	2729.2	1110.0	4560	579.8	169.8	1820.0
4561	579.8	-20.2	1820.0	4562	579.8	169.8	620.0	4563	70.2	-20.2	620.0
4564	70.2	-20.2	1820.0	4565	70.2	169.8	620.0	4566	579.8	-20.2	620.0

Firmato digitalmente da: Fogagni Massimo
Firmato il 01/03/2024 18:24
Serial Certificato: 2702255
Valido dal 01/09/2023 al 01/09/2026
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4567	70.2	169.8	1820.0	4568	70.2	-20.2	1180.0	4569	579.8	-20.2	1180.0
4570	70.2	169.8	1180.0	4571	579.8	169.8	1180.0	4572	70.2	-20.2	905.0
4573	579.8	-20.2	905.0	4574	70.2	169.8	905.0	4575	579.8	169.8	905.0
4576	70.2	-20.2	1455.0	4577	579.8	-20.2	1455.0	4578	70.2	169.8	1455.0
4579	579.8	169.8	1455.0	4580	170.2	74.8	720.0	4581	479.8	74.8	720.0
4582	437.5	2811.5	652.8	4583	212.5	2811.5	652.8	4584	212.5	2576.5	652.8
4585	437.5	2576.5	652.8	4586	212.5	2866.6	652.8	4587	160.2	2557.2	652.8
4588	70.2	-20.2	625.0	4589	579.8	-20.2	625.0				

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
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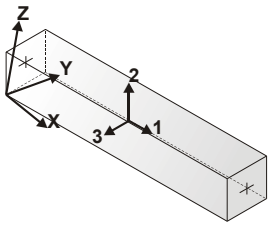
MODELLAZIONE STRUTTURA: ELEMENTI TRAVE

TABELLA DATI TRAVI

Il programma utilizza per la modellazione elementi a due nodi denominati in generale travi.
Ogni elemento trave è individuato dal nodo iniziale e dal nodo finale.
Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione.



orientamento elementi 2D non verticali

orientamento elementi 2D verticali

In particolare per ogni elemento viene indicato in tabella:

Elem.	numero dell'elemento
Note	codice di comportamento: trave, trave di fondazione, pilastro, asta, asta tesa, asta compressa,
Nodo I (J)	numero del nodo iniziale (finale)
Mat.	codice del materiale assegnato all'elemento
Sez.	codice della sezione assegnata all'elemento
Rotaz.	valore della rotazione dell'elemento, attorno al proprio asse, nel caso in cui l'orientamento di default non sia adottabile; l'orientamento di default prevede per gli elementi non verticali l'asse 2 contenuto nel piano verticale e l'asse 3 orizzontale, per gli elementi verticali l'asse 2 diretto secondo X negativo e l'asse 3 diretto secondo Y negativo
Svincolo I (J)	codici di svincolo per le azioni interne; i primi sei codici si riferiscono al nodo iniziale, i restanti sei al nodo finale (il valore 1 indica che la relativa azione interna non è attiva)
Wink V	costante di sottofondo (coefficiente di Winkler) per la modellazione della trave su suolo elastico
Wink O	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico orizzontale

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Elem.	Note	Nodo I	Nodo J	Mat.	Sez.	Crit.	Rotaz. gradi	Svincolo I	Svincolo J	Wink V daN/cm3	Wink O daN/cm3
1	Asta tesa	3993	3231	13	13	1					
2	Asta tesa	3160	3993	13	13	1					
3	Asta tesa	3939	3160	13	13	1					
4	Asta tesa	2822	3939	13	13	1					
5	Asta tesa	3912	2882	13	13	1					
6	Asta tesa	2882	3966	13	13	1					
7	Asta tesa	3966	3168	13	13	1					
8	Asta tesa	3168	4020	13	13	1					
9	Asta tesa	2755	3923	13	13	1					
10	Asta tesa	3923	2942	13	13	1					
11	Asta tesa	2942	3977	13	13	1					
12	Asta tesa	3977	3184	13	13	1					
13	Asta tesa	3164	4004	13	13	1					
14	Asta tesa	3950	3164	13	13	1					
15	Asta tesa	2854	3950	13	13	1					
16	Asta tesa	3896	2854	13	13	1					
17	Asta tesa	3272	3359	13	26	1					
18	Asta tesa	3362	3202	13	26	1					
19	Asta tesa	3362	3367	13	26	1					
20	Asta tesa	3375	3359	13	26	1					
21	Asta tesa	3375	3458	13	26	1					
22	Asta tesa	3463	3367	13	26	1					
23	Asta tesa	3463	3469	13	26	1					
24	Asta tesa	3483	3458	13	26	1					
25	Asta tesa	293	3134	13	15	1					
26	Asta tesa	4271	1871	13	15	1					
27	Asta tesa	1187	3252	13	15	1					
28	Asta tesa	1476	2471	13	15	1					
29	Asta tesa	4202	3727	13	15	1					
30	Asta tesa	3497	4235	13	15	1					
31	Asta tesa	3600	4241	13	15	1					
32	Asta tesa	4216	3778	13	15	1					
33	Asta	1425	3850	13	17	1					
34	Asta	1462	3850	13	17	1					
35	Asta	3860	3862	13	17	1					
36	Asta	3852	3064	13	17	1					
37	Asta	3101	3852	13	17	1					
38	Asta	4145	4052	13	17	1					
39	Asta	1432	4250	13	17	1					
40	Asta	1469	4250	13	17	1					
41	Asta	4258	4260	13	17	1					
42	Asta	4254	2918	13	17	1					
43	Asta	3108	4254	13	17	1					
44	Asta	4270	4262	13	17	1					
45	Asta	1557	3804	13	17	1					
46	Asta	1536	3804	13	17	1					
47	Asta	1287	3812	13	17	1					
48	Asta	3840	3196	13	17	1					
49	Asta	3175	3840	13	17	1					
50	Asta	3828	1661	13	17	1					
51	Asta	958	4017	13	17	1					
52	Asta	4017	867	13	17	1					
53	Asta	899	4192	13	17	1					
54	Asta	4170	2597	13	17	1					
55	Asta	4170	2506	13	17	1					
56	Asta	1495	2538	13	17	1					
57	Asta	358	1140	13	17	1					
58	Asta	1140	872	13	17	1					
59	Asta	911	1183	13	17	1					
60	Asta	1173	2602	13	17	1					
61	Asta	1173	2511	13	17	1					
62	Asta	1212	2550	13	17	1					
63	Asta	1865	3527	13	17	1					
64	Asta	3527	1885	13	17	1					

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65	Asta	2777	3856	13	17	1
66	Asta	3864	1901	13	17	1
67	Asta	3864	1909	13	17	1
68	Asta	3858	2878	13	17	1
69	Asta	913	3856	13	17	1
70	Asta	700	3858	13	17	1
71	Asta tesa	4325	4334	13	26	1
72	Asta tesa	4324	1111	13	26	1
73	Asta tesa	1111	4335	13	26	1
74	Asta tesa	4334	2750	13	26	1
75	Asta tesa	4338	2972	13	26	1
76	Asta tesa	1333	4338	13	26	1
77	Asta tesa	4347	4339	13	26	1
78	Asta tesa	4339	4348	13	26	1
79	Asta tesa	3899	3342	13	19	1
80	Asta tesa	3330	3963	13	19	1
81	Asta tesa	3527	3963	13	19	1
82	Asta tesa	3899	3864	13	19	1
83	Asta tesa	3338	3963	13	19	1
84	Asta tesa	3913	3342	13	19	1
85	Asta tesa	3913	3864	13	19	1
86	Asta tesa	3858	3963	13	19	1
87	Asta tesa	3334	3899	13	19	1
88	Asta tesa	3905	3330	13	19	1
89	Asta tesa	3905	3527	13	19	1
90	Asta tesa	3856	3899	13	19	1
91	Asta tesa	3842	3718	13	19	1
92	Asta tesa	3710	3848	13	19	1
93	Asta tesa	3804	3848	13	19	1
94	Asta tesa	3842	3840	13	19	1
95	Asta tesa	3848	3715	13	19	1
96	Asta tesa	3718	3846	13	19	1
97	Asta tesa	3840	3846	13	19	1
98	Asta tesa	3848	3828	13	19	1
99	Asta tesa	3842	3712	13	19	1
100	Asta tesa	3710	3844	13	19	1
101	Asta tesa	3804	3844	13	19	1
102	Asta tesa	3842	3812	13	19	1
103	Asta tesa	3748	3600	13	23	1
104	Asta tesa	3513	3778	13	23	1
105	Asta tesa	3727	3513	13	23	1
106	Asta tesa	3497	3748	13	23	1
107	Asta tesa	1893	1187	13	23	1
108	Asta tesa	567	2471	13	23	1
109	Asta tesa	1871	567	13	23	1
110	Asta tesa	293	1893	13	23	1
111	Asta tesa	1633	3202	13	26	1
112	Asta tesa	3272	1241	13	26	1
325	Trave	3865	3888	13	5	1
326	Trave	3868	3886	13	5	1
327	Trave	3870	3884	13	5	1
328	Trave	3872	3882	13	5	1
329	Trave	3874	3876	13	5	1
330	Trave	3873	4204	13	5	1
331	Trave	3877	3878	13	5	1
332	Trave	3879	4466	13	5	1
333	Trave	3880	3879	13	5	1
334	Trave	3875	3873	13	5	1
335	Trave	3876	4000	13	5	1
346	Trave	3887	3863	13	5	1
347	Trave	3885	3867	13	5	1
348	Trave	3883	3869	13	5	1
349	Trave	3881	3871	13	5	1
350	Trave	3888	3892	13	5	1
351	Trave	3886	3919	13	5	1
352	Trave	3884	3946	13	5	1
353	Trave	3882	3973	13	5	1
354	Trave	3889	3893	13	5	1

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355	Trave	3890	3894	13	5	1
356	Trave	3891	3895	13	5	1
357	Trave	3892	3890	13	5	1
358	Trave	3893	3891	13	5	1
359	Trave	3894	3889	13	5	1
360	Trave	3895	3887	13	5	1
406	Trave	3997	4001	13	5	1
407	Trave	3916	3920	13	5	1
408	Trave	3943	3947	13	5	1
409	Trave	3970	3974	13	5	1
410	Trave	3998	4002	13	5	1
411	Trave	3917	3921	13	5	1
412	Trave	3944	3948	13	5	1
413	Trave	3971	3975	13	5	1
414	Trave	3999	4003	13	5	1
415	Trave	3918	3922	13	5	1
416	Trave	3945	3949	13	5	1
417	Trave	3972	3976	13	5	1
418	Trave	4000	3998	13	5	1
419	Trave	3919	3917	13	5	1
420	Trave	3946	3944	13	5	1
421	Trave	3973	3971	13	5	1
422	Trave	4001	3999	13	5	1
423	Trave	3920	3918	13	5	1
424	Trave	3947	3945	13	5	1
425	Trave	3974	3972	13	5	1
426	Trave	4002	3997	13	5	1
427	Trave	3921	3916	13	5	1
428	Trave	3948	3943	13	5	1
429	Trave	3975	3970	13	5	1
430	Trave	4003	3875	13	5	1
431	Trave	3922	3885	13	5	1
432	Trave	3949	3883	13	5	1
433	Trave	3976	3881	13	5	1
434	Trave	4023	4025	13	5	1
435	Trave	4022	4223	13	5	1
436	Trave	4026	4027	13	5	1
437	Trave	4028	4465	13	5	1
438	Trave	4029	4028	13	5	1
439	Trave	4024	4022	13	5	1
440	Trave	4025	4035	13	5	1
450	Trave	4032	4036	13	5	1
451	Trave	4033	4037	13	5	1
452	Trave	4034	4038	13	5	1
453	Trave	4035	4033	13	5	1
454	Trave	4036	4034	13	5	1
455	Trave	4037	4032	13	5	1
456	Trave	4038	4024	13	5	1
457	Trave	4058	4060	13	5	1
458	Trave	4057	4225	13	5	1
459	Trave	4061	4062	13	5	1
460	Trave	4063	4457	13	5	1
461	Trave	4064	4063	13	5	1
462	Trave	4059	4057	13	5	1
463	Trave	4060	4070	13	5	1
473	Trave	4067	4071	13	5	1
474	Trave	4068	4072	13	5	1
475	Trave	4069	4073	13	5	1
476	Trave	4070	4068	13	5	1
477	Trave	4071	4069	13	5	1
478	Trave	4072	4067	13	5	1
479	Trave	4073	4059	13	5	1
480	Trave	4093	4095	13	5	1
481	Trave	4092	4227	13	5	1
482	Trave	4096	4097	13	5	1
483	Trave	4098	4456	13	5	1
484	Trave	4099	4098	13	5	1
485	Trave	4094	4092	13	5	1

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486	Trave	4095	4105	13	5	1
496	Trave	4102	4106	13	5	1
497	Trave	4103	4107	13	5	1
498	Trave	4104	4108	13	5	1
499	Trave	4105	4103	13	5	1
500	Trave	4106	4104	13	5	1
501	Trave	4107	4102	13	5	1
502	Trave	4108	4094	13	5	1
503	Trave	4128	4130	13	5	1
504	Trave	4127	4229	13	5	1
505	Trave	4131	4132	13	5	1
506	Trave	4133	4434	13	5	1
507	Trave	4134	4133	13	5	1
508	Trave	4129	4127	13	5	1
509	Trave	4130	4140	13	5	1
519	Trave	4137	4141	13	5	1
520	Trave	4138	4142	13	5	1
521	Trave	4139	4143	13	5	1
522	Trave	4140	4138	13	5	1
523	Trave	4141	4139	13	5	1
524	Trave	4142	4137	13	5	1
525	Trave	4143	4129	13	5	1
526	Trave	4163	4165	13	5	1
527	Trave	4162	4231	13	5	1
528	Trave	4166	4167	13	5	1
529	Trave	4168	4433	13	5	1
530	Trave	4169	4168	13	5	1
531	Trave	4164	4162	13	5	1
532	Trave	4165	4175	13	5	1
542	Trave	4172	4176	13	5	1
543	Trave	4173	4177	13	5	1
544	Trave	4174	4178	13	5	1
545	Trave	4175	4173	13	5	1
546	Trave	4176	4174	13	5	1
547	Trave	4177	4172	13	5	1
548	Trave	4178	4164	13	5	1
549	Trave	4197	3874	13	5	1
552	Trave	4204	4469	13	5	1
562	Trave	4336	4338	13	24	1
563	Trave	4223	4470	13	5	1
564	Trave	4224	4023	13	5	1
565	Trave	4225	4471	13	5	1
566	Trave	4226	4058	13	5	1
567	Trave	4227	4472	13	5	1
568	Trave	4228	4093	13	5	1
569	Trave	4229	4385	13	5	1
570	Trave	4230	4128	13	5	1
571	Trave	4231	4425	13	5	1
572	Trave	4232	4163	13	5	1
576	Trave	4321	4320	13	24	1
577	Trave	4322	4321	13	24	1
578	Trave	4323	4325	13	24	1
582	Trave	4342	4348	13	24	1
583	Trave	4346	2972	13	25	1
584	Trave	4347	4338	13	25	1
588	Trave	4321	4327	13	25	1
589	Trave	4328	4331	13	25	1
590	Trave	4326	4332	13	24	1
594	Trave	4320	4323	13	24	1
595	Trave	4322	4328	13	25	1
596	Trave	4324	4322	13	24	1
601	Trave	4327	4330	13	25	1
606	Trave	4333	2750	13	24	1
607	Trave	4334	4335	13	25	1
608	Trave	4323	4332	13	25	1
612	Trave	4335	4331	13	24	1
613	Trave	4332	4333	13	25	1
614	Trave	4324	4334	13	25	1

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618	Trave	4330	4329	13	24	1		
619	Trave	4331	4330	13	24	1		
620	Trave	4332	1111	13	24	1		
626	Trave	4334	4328	13	24	1		
630	Trave	4327	4326	13	24	1		
631	Trave	4328	4327	13	24	1		
632	Trave	4329	4333	13	24	1		
633	Pilas.	3896	2755	13	8	1		
634	Pilas.	3912	2822	13	8	1		
635	Trave	3272	3202	13	30	1		
636	Pilas.	3923	2854	13	8	1		
637	Pilas.	3939	2882	13	8	1		
638	Trave	3362	3359	13	30	1		
639	Pilas.	3950	2942	13	8	1		
640	Pilas.	3966	3160	13	8	1		
641	Trave	3375	3367	13	30	1		
642	Pilas.	3977	3164	13	8	1		
643	Pilas.	3993	3168	13	8	1		
644	Trave	3463	3458	13	30	1		
645	Pilas.	4004	3184	13	8	1		
646	Pilas.	4020	3231	13	8	1		
647	Trave	3483	3469	13	30	1		
648	Pilas.	4202	3497	13	9	1		
649	Trave	3497	3513	13	10	1		
650	Pilas.	4216	3600	13	9	1		
651	Trave	3513	3600	13	10	1		
652	Pilas.	4235	3727	13	9	1		
653	Trave	3727	3748	13	10	1		
654	Pilas.	4241	3778	13	9	1		
655	Trave	3748	3778	13	10	1		
656	Pilas.	4247	3820	13	9	1		
657	Trave	3820	3836	13	10	1		
658	Pilas.	4253	3854	13	9	1		
659	Trave	3836	3854	13	10	1		
660	Pilas.	4259	3941	13	9	1		
661	Trave	3941	3992	13	10	1		
662	Pilas.	4265	4220	13	9	1		
663	Trave	3992	4220	13	10	1		
664	Pilas.	4271	293	13	9	1		
665	Trave	293	567	13	10	1		
666	Pilas.	1476	1187	13	9	1		
667	Trave	567	1187	13	10	1		
668	Pilas.	3134	1871	13	9	1		
669	Trave	1871	1893	13	10	1		
670	Pilas.	3252	2471	13	9	1		
671	Trave	1893	2471	13	10	1		
672	Trave	3272	3362	13	11	8	000011	000111
673	Trave	3362	3375	13	11	8	000011	000111
674	Trave	3375	3463	13	11	8	000011	000111
675	Trave	3463	3483	13	11	8	000011	000111
676	Trave	3202	3359	13	11	8	000011	000111
677	Trave	3359	3367	13	11	8	000011	000111
678	Trave	3367	3458	13	11	8	000011	000111
679	Trave	3458	3469	13	11	8	000011	000111
680	Trave	3600	3778	13	11	8	000011	000111
681	Trave	3778	3854	13	11	8	000011	000111
682	Trave	3854	4220	13	11	8	000011	000111
683	Trave	4220	1187	13	11	8	000011	000111
684	Trave	1187	2471	13	11	8	000011	000111
685	Trave	3497	3727	13	11	8	000011	000111
686	Trave	3727	3820	13	11	8	000011	000111
687	Trave	3820	3941	13	11	8	000011	000111
688	Trave	3941	293	13	11	8	000011	000111
689	Trave	293	1871	13	11	8	000011	000111
690	Trave	3513	3748	13	11	8	000011	000111
691	Trave	3748	3836	13	11	8	000011	000111
692	Trave	3836	3992	13	11	8	000011	000111
693	Trave	3992	567	13	11	8	000011	000111

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694	Trave	567	1893	13	11	8		000011	000111
695	Pilas.	2755	3202	13	8	1			
696	Pilas.	2822	3272	13	8	1			
697	Pilas.	2854	3359	13	8	1			
698	Pilas.	2882	3362	13	8	1			
699	Pilas.	2942	3367	13	8	1			
700	Pilas.	3160	3375	13	8	1			
701	Pilas.	3164	3458	13	8	1			
702	Pilas.	3168	3463	13	8	1			
703	Pilas.	3184	3469	13	8	1			
704	Pilas.	3231	3483	13	8	1			
705	Trave	2755	2854	13	12	8	90.00	000011	000111
706	Trave	2854	2942	13	12	8	90.00	000011	000111
707	Trave	2942	3164	13	12	8	90.00	000011	000111
708	Trave	3164	3184	13	12	8	90.00	000011	000111
709	Trave	2822	2882	13	12	8	90.00	000011	000111
710	Trave	2882	3160	13	12	8	90.00	000011	000111
711	Trave	3160	3168	13	12	8	90.00	000011	000111
712	Trave	3168	3231	13	12	8	90.00	000011	000111
745	Pilas.	3589	3641	13	17	1		000011	
746	Pilas.	3641	3852	13	17	1			
747	Pilas.	3766	3774	13	17	1			
748	Pilas.	3774	4254	13	17	1			
749	Pilas.	3784	3798	13	17	1			
750	Pilas.	3798	3840	13	17	1			
751	Pilas.	3840	3848	13	17	1		000011	
752	Pilas.	3848	3718	13	17	1			000011
753	Pilas.	3535	3617	13	17	1		000011	
754	Pilas.	3617	3850	13	17	1			
755	Pilas.	3722	3768	13	17	1			
756	Pilas.	3768	4250	13	17	1			
757	Pilas.	3776	3786	13	17	1			
758	Pilas.	3786	3804	13	17	1			
759	Pilas.	3804	3842	13	17	1		000011	
760	Pilas.	3842	3710	13	17	1			000011
761	Pilas.	3545	3622	13	17	1		000011	
762	Pilas.	3622	3862	13	17	1			
763	Pilas.	3734	3770	13	17	1			
764	Pilas.	3770	4260	13	17	1			
765	Pilas.	3780	3790	13	17	1			
766	Pilas.	3790	3812	13	17	1			
767	Pilas.	3812	3844	13	17	1		000011	
768	Pilas.	3844	3712	13	17	1			000011
769	Pilas.	3557	3632	13	17	1		000011	
770	Pilas.	3632	4145	13	17	1			
771	Pilas.	3764	3772	13	17	1			
772	Pilas.	3772	4270	13	17	1			
773	Pilas.	3782	3794	13	17	1			
774	Pilas.	3794	3828	13	17	1			
775	Pilas.	3828	3846	13	17	1		000011	
776	Pilas.	3846	3715	13	17	1			000011
777	Trave	3641	3632	13	17	1	90.00	000011	000111
778	Trave	3617	3641	13	17	1	90.00	000011	000111
779	Trave	3617	3622	13	17	1	90.00	000011	000111
780	Trave	3622	3632	13	17	1	90.00	000011	000111
781	Trave	3766	3764	13	17	1	90.00	000011	000111
782	Trave	3722	3766	13	17	1	90.00	000011	000111
783	Trave	3722	3734	13	17	1	90.00	000011	000111
784	Trave	3774	3772	13	17	1	90.00	000011	000111
785	Trave	3768	3774	13	17	1	90.00	000011	000111
786	Trave	3768	3770	13	17	1	90.00	000011	000111
787	Trave	3770	3772	13	17	1	90.00	000011	000111
788	Trave	3784	3782	13	17	1	90.00	000011	000111
789	Trave	3776	3784	13	17	1	90.00	000011	000111
790	Trave	3776	3780	13	17	1	90.00	000011	000111
791	Trave	3780	3782	13	17	1	90.00	000011	000111
792	Trave	3798	3794	13	17	1	90.00	000011	000111
793	Trave	3786	3798	13	17	1	90.00	000011	000111

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794	Trave	3786	3790	13	17	1	90.00	000011	000111
795	Trave	3790	3794	13	17	1	90.00	000011	000111
796	Trave	3840	3828	13	17	1	90.00	000011	000111
797	Trave	3804	3840	13	17	1	90.00	000011	000111
798	Trave	3804	3812	13	17	1	90.00	000011	000111
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800	Trave	3848	3846	13	17	1	90.00	000011	000111
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802	Trave	3842	3844	13	17	1	90.00	000011	000111
803	Trave	3712	2345	13	17	1			
804	Trave	3718	2467	13	17	1			
805	Trave	3710	2478	13	17	1			
806	Trave	3710	2484	13	17	1			
811	Pilas.	3850	3722	13	17	1		000011	
836	Pilas.	3852	3766	13	17	1		000011	
837	Pilas.	4254	3784	13	17	1		000011	
838	Pilas.	4250	3776	13	17	1		000011	
839	Pilas.	3862	3734	13	17	1		000011	
840	Pilas.	4260	3780	13	17	1		000011	
841	Pilas.	4145	3764	13	17	1		000110	
842	Pilas.	4270	3782	13	17	1		000011	
855	Trave	2345	2461	13	17	1			
856	Trave	2461	3715	13	17	1			
857	Trave	2467	2473	13	17	1			
858	Trave	2473	3715	13	17	1			
859	Trave	2478	2482	13	17	1			
860	Trave	2482	3718	13	17	1			
861	Trave	2484	2486	13	17	1			
862	Trave	2486	3712	13	17	1			
863	Trave	2478	2488	13	17	1			
864	Trave	2488	2490	13	17	1			
865	Trave	2490	2345	13	17	1			
866	Trave	2482	2492	13	17	1			
867	Trave	2492	2494	13	17	1			
868	Trave	2494	2461	13	17	1			
869	Trave	2484	2488	13	17	1			
870	Trave	2488	2492	13	17	1			
871	Trave	2492	2467	13	17	1			
872	Trave	2486	2490	13	17	1			
873	Trave	2490	2494	13	17	1			
874	Trave	2494	2473	13	17	1			
875	Pilas.	3311	3326	13	17	1		000011	
876	Pilas.	3326	4170	13	17	1			
877	Pilas.	3354	1173	13	17	1			
878	Pilas.	3369	4582	13	17	1			
879	Pilas.	3475	3523	13	17	1			
880	Pilas.	3523	3864	13	17	1			000011
881	Pilas.	3864	3963	13	17	1			
882	Pilas.	3963	3342	13	17	1			000011
883	Pilas.	3300	3314	13	17	1		000011	
884	Pilas.	3314	4017	13	17	1			
885	Pilas.	3346	1140	13	17	1			
886	Pilas.	3358	4583	13	17	1			
887	Pilas.	3449	3489	13	17	1			
888	Pilas.	3489	3527	13	17	1			000011
889	Pilas.	3527	3899	13	17	1			
890	Pilas.	3899	3330	13	17	1			000011
891	Pilas.	3304	3318	13	17	1		000011	
892	Pilas.	3318	4192	13	17	1			
893	Pilas.	3348	1183	13	17	1			
894	Pilas.	3360	4584	13	17	1			
895	Pilas.	3461	3505	13	17	1			
896	Pilas.	3505	3856	13	17	1			000011
897	Pilas.	3856	3905	13	17	1			
898	Pilas.	3905	3334	13	17	1			000011
899	Pilas.	3308	3322	13	17	1		000011	
900	Pilas.	3322	1495	13	17	1			
901	Pilas.	3350	1212	13	17	1			

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902	Pilas.	3364	4585	13	17	1				
903	Pilas.	3466	3521	13	17	1				
904	Pilas.	3521	3858	13	17	1				000011
905	Pilas.	3858	3913	13	17	1				
906	Pilas.	3913	3338	13	17	1				000011
907	Trave	3322	3326	13	17	1	90.00	000111		000011
908	Trave	3314	3326	13	17	1	90.00	000011		000111
909	Trave	3318	3314	13	17	1	90.00	000111		000011
910	Trave	3318	3322	13	17	1	90.00	000011		000111
911	Trave	3350	3354	13	17	1	90.00	000111		000011
912	Trave	3346	3354	13	17	1	90.00	000011		000111
913	Trave	3348	3346	13	17	1	90.00	000111		000011
914	Trave	3364	3369	13	17	1	90.00	000111		000011
915	Trave	3358	3369	13	17	1	90.00	000011		000111
916	Trave	3360	3358	13	17	1	90.00	000111		000011
917	Trave	3360	3364	13	17	1	90.00	000011		000111
918	Trave	3466	3475	13	17	1	90.00	000111		000011
919	Trave	1633	3272	13	11	8				000111
920	Trave	3461	3449	13	17	1	90.00	000111		000011
921	Trave	3461	3466	13	17	1	90.00	000011		000111
922	Trave	3521	3523	13	17	1	90.00	000111		000011
923	Trave	3489	3523	13	17	1	90.00	000011		000111
924	Trave	3505	3489	13	17	1	90.00	000111		000011
925	Trave	3505	3521	13	17	1	90.00	000011		000111
926	Trave	3858	3864	13	17	1	90.00	000111		000011
927	Trave	3527	3864	13	17	1	90.00	000011		000111
928	Trave	3856	3527	13	17	1	90.00	000111		000011
929	Trave	3856	3858	13	17	1	90.00	000011		000111
930	Trave	3913	3963	13	17	1	90.00	000111		000011
931	Trave	3899	3963	13	17	1	90.00	000011		000111
932	Trave	3905	3899	13	17	1	90.00	000111		000011
933	Trave	3334	4274	13	17	1				
934	Trave	4275	3342	13	17	1				
935	Trave	3330	4276	13	17	1				
936	Trave	4277	3330	13	17	1				
941	Pilas.	4017	3346	13	17	1		000011		
960	Pilas.	4170	3354	13	17	1		000011		
961	Pilas.	4582	3475	13	17	1				
962	Pilas.	4583	3449	13	17	1				
963	Pilas.	4192	3348	13	17	1		000011		
964	Pilas.	4584	3461	13	17	1				
965	Pilas.	1495	3350	13	17	1		000110		
966	Pilas.	4585	3466	13	17	1				
979	Trave	4274	4278	13	17	1				
980	Trave	4278	3338	13	17	1				
981	Trave	4279	4275	13	17	1				
982	Trave	3338	4279	13	17	1				
983	Trave	4276	4280	13	17	1				
984	Trave	4280	3342	13	17	1				
985	Trave	4281	4277	13	17	1				
986	Trave	3334	4281	13	17	1				
987	Trave	4282	4276	13	17	1				
988	Trave	4283	4282	13	17	1				
989	Trave	4274	4283	13	17	1				
990	Trave	4284	4280	13	17	1				
991	Trave	4285	4284	13	17	1				
992	Trave	4278	4285	13	17	1				
993	Trave	4277	4282	13	17	1				
994	Trave	4282	4284	13	17	1				
995	Trave	4284	4275	13	17	1				
996	Trave	4281	4283	13	17	1				
997	Trave	4283	4285	13	17	1				
998	Trave	4285	4279	13	17	1				
1003	Trave	3357	3352	13	30	1				
1004	Pilas.	1773	3352	13	8	1	90.00			
1005	Pilas.	1359	3357	13	8	1	90.00			
1008	Trave	1633	1241	13	11	8				
1009	Pilas.	3352	1241	13	8	1	90.00			011111

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1010	Pilas.	3357	1633	13	8	1	90.00		011111	
1011	Trave	1241	3202	13	11	8			000111	
1037	Trave	4466	4197	13	5	1				
1038	Trave	4465	4224	13	5	1				
1039	Trave	4457	4226	13	5	1				
1040	Trave	4456	4228	13	5	1				
1041	Trave	4434	4230	13	5	1				
1042	Trave	4433	4232	13	5	1				
1043	Trave	4469	3877	13	5	1				
1044	Trave	4470	4026	13	5	1				
1045	Trave	4471	4061	13	5	1				
1046	Trave	4472	4096	13	5	1				
1047	Trave	4385	4131	13	5	1				
1048	Trave	4425	4166	13	5	1				
1049	Trave	4336	4342	13	25	1				
1050	Trave	4346	4337	13	24	1				
1052	Trave	4338	4348	13	25	1				
1053	Trave	1333	4346	13	25	1				
1054	Trave	4345	4347	13	24	1				
1055	Trave	4345	4336	13	25	1				
1056	Trave	1333	4343	13	24	1				
1057	Trave	4343	4344	13	24	1				
1058	Trave	4344	4345	13	24	1				
1063	Trave	4337	4319	13	24	1				
1064	Trave	4319	4336	13	24	1				
1065	Trave	2972	4340	13	24	1				
1066	Trave	4340	4341	13	24	1				
1067	Trave	4341	4342	13	24	1				
1068	Trave	4339	4346	13	24	1				
1069	Trave	4337	4340	13	25	1				
1070	Trave	4319	4341	13	25	1				
1071	Trave	4343	4337	13	25	1				
1072	Trave	4344	4319	13	25	1				
1078	Trave	4564	4567	13	27	1		000011	000111	
1079	Trave	4561	4560	13	27	1		000011	000111	
1080	Trave	4564	3071	13	22	1				
1081	Pilas.	4563	4588	13	20	9				
1082	Pilas.	4566	4589	13	20	9				
1083	Trave	4567	3182	13	22	1				
1084	Pilas.	4565	4574	13	20	9				
1085	Pilas.	4562	4575	13	20	9				
1088	Pilas.	4568	4576	13	20	9				
1089	Pilas.	4569	4577	13	20	9				
1090	Pilas.	4570	4578	13	20	9				
1091	Pilas.	4571	4579	13	20	9				
1092	Pilas.	4572	4568	13	20	9				
1093	Pilas.	4573	4569	13	20	9				
1094	Pilas.	4574	4570	13	20	9				
1095	Pilas.	4575	4571	13	20	9				
1096	Pilas.	4576	4564	13	20	9				
1097	Pilas.	4577	4561	13	20	9				
1098	Pilas.	4578	4567	13	20	9				
1099	Pilas.	4579	4560	13	20	9				
1100	Trave	4576	4578	13	27	1		000011	000111	
1101	Trave	4577	4579	13	27	1		000011	000111	
1102	Trave	4568	4570	13	27	1		000011	000111	
1103	Trave	4569	4571	13	27	1		000011	000111	
1104	Trave	4572	4574	13	27	1		000011	000111	
1105	Trave	4573	4575	13	27	1		000011	000111	
1106	Trave	4589	4575	13	27	1		000011	000111	
1107	Trave	4573	4571	13	27	1		000011	000111	
1108	Trave	4569	4579	13	27	1		000011	000111	
1109	Trave	4577	4560	13	27	1		000011	000111	
1110	Trave	4576	4567	13	27	1		000011	000111	
1111	Trave	4568	4578	13	27	1		000011	000111	
1112	Trave	4572	4570	13	27	1		000011	000111	
1113	Trave	4588	4574	13	27	1		000011	000111	
1114	Trave	3071	4561	13	22	1				

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1115	Trave	3182	4560	13	22	1		
1116	Trave	3071	3182	13	27	1	000011	000111
1117	Trave	4567	3071	13	27	1	000011	000111
1118	Trave	3071	4560	13	27	1	000011	000111
1119	Pilas.	1173	3369	13	17	1	000011	
1120	Pilas.	1140	3358	13	17	1	000011	
1121	Pilas.	1183	3360	13	17	1	000011	
1122	Pilas.	1212	3364	13	17	1	000011	
1123	Pilas.	4588	4572	13	20	9		
1124	Pilas.	4589	4573	13	20	9		

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MODELLAZIONE DELLA STRUTTURA: ELEMENTI SOLAIO-PANNELLO

LEGENDA TABELLA DATI SOLAI-PANNELLI

Il programma utilizza per la modellazione elementi a tre o più nodi denominati in generale solaio o pannello.
Ogni elemento solaio-pannello è individuato da una poligonale di nodi 1,2, ..., N.
L'elemento solaio è utilizzato in primo luogo per la modellazione dei carichi agenti sugli elementi strutturali. In secondo luogo può essere utilizzato per la corretta ripartizione delle forze orizzontali agenti nel proprio piano. L'elemento balcone è derivato dall'elemento solaio.
I carichi agenti sugli elementi solaio, raccolti in un archivio, sono direttamente assegnati agli elementi utilizzando le informazioni raccolte nell' archivio (es. i coefficienti combinatori). La tabella seguente riporta i dati utilizzati per la definizione dei carichi e delle masse.
L'elemento pannello è utilizzato solo per l'applicazione dei carichi, quali pesi delle tamponature o spinte dovute al vento o terre. In questo caso i carichi sono applicati in analogia agli altri elementi strutturali (si veda il cap. SCHEMATIZZAZIONE DEI CASI DI CARICO).

Id.Arch.	Identificativo dell' archivio
Tipo	Tipo di carico ***Variab.*** Carico variabile generico ***Var. rid.*** Carico variabile generico con riduzione in funzione dell' area (c.5.5. …) ***Neve*** Carico di neve
G1k	carico permanente (comprensivo del peso proprio)
G2k	carico permanente non strutturale e non compiutamente definito
Qk	carico variabile
Fatt. A	fattore di riduzione del carico variabile (0.5 o 0.75) per tipo "Var.rid."
S sis.	fattore di riduzione del carico variabile per la definizione delle masse sismiche per D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento")
Psi 0	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: ***per valore raro***
Psi 1	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: ***per valore frequente***
Psi 2	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: ***per valore quasi permanente***
Psi S 2	Coefficiente di combinazione che fornisce il valore quasi-permanente dell'azione variabile: ***per la definizione delle masse sismiche***
Fatt. Fi	Coefficiente di correlazione dei carichi per edifici

Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione. In particolare per ogni elemento viene indicato in tabella:

Elem	numero dell'elemento
Tipo	codice di comportamento ***S*** elemento utilizzato solo per scarico ***C*** elemento utilizzato per scarico e per modellazione piano rigido ***P*** elemento utilizzato come pannello ***M*** scarico monodirezionale ***B*** scarico bidirezionale
Id.Arch.	Identificativo dell' archivio
Mat	codice del materiale assegnato all'elemento
Spessore	spessore dell'elemento (costante)
Orditura	angolo (rispetto all'asse X) della direzione dei travetti principali
Gk	carico permanente solaio (comprensivo del peso proprio)
Qk	carico variabile solaio
Nodi	numero dei nodi che definiscono l'elemento (5 per riga)

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Nel caso in cui si sia proceduto alla progettazione dei solai con le tensioni ammissibili vengono riportate le massime tensioni nell'elemento (massima compressione nel calcestruzzo, massima tensione nell'acciaio, massima tensione tangenziale); nel caso in cui si sia proceduto alla progettazione con il metodo degli stati limite vengono riportati il rapporto x/d e le verifiche per sollecitazioni proporzionali nonché le verifiche in esercizio.

In particolare i simboli utilizzati in tabella assumono il seguente significato:

Elem.	numero identificativo dell'elemento
Stato	Codici di verifica relativi alle tensioni normali e alle tensioni tangenziali
Note	Viene riportato il codice relativo alla sezione(s) e relativo al materiale(m);
Pos.	Ascissa del punto di verifica
F ist, F infi	Frecce instantanee e a tempo infinito
Momento	Momento flettente

Taglio	Sollecitazione di taglio
Af inf.	Area di armatura longitudinale posta all'intradosso della trave
Af sup.	Area di armatura longitudinale posta all'estradosso della trave
AfV	Area dell'armatura atta ad assorbire le azioni di taglio
Beff	Base della sezione di cls per l'assorbimento del taglio
	simboli utilizzati con il metodo delle tensioni ammissibili:
sc max	Massima tensione di compressione del calcestruzzo
sf max	Massima tensione nell'acciaio
tau max	Massima tensione tangenziale nel cls
	simboli utilizzati con il metodo degli stati limite:
x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
verif.	rapporto Sd/Su con sollecitazioni ultime proporzionali: valore minore o uguale a 1 per verifica positiva
Verif.V	rapporto Sd/Su con sollecitazioni taglianti proporzionali valore minore o uguale a 1 per verifica positiva
rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare [normalizzato a 1]
rFfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni frequenti [normalizzato a 1]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti [normalizzato a 1]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni frequenti [normalizzato a 1]
rFyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare [normalizzato a 1]
rPfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni quasi permanenti [normalizzato a 1]
wR	apertura caratteristica delle fessure in combinazioni rare [mm]
wF	apertura caratteristica delle fessure in combinazioni frequenti[mm]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti [mm]

Nel caso in cui si sia proceduto alla verifica delle tamponature secondo il D.M. 14.01.2008 - §7.2.3 viene riportata una tabella riassuntiva delle verifiche degli elementi pannello. La verifica confronta i momenti sollecitanti indotti dal sisma con i momenti resistenti, secondo tre ipotesi, due basate sulla resistenza a pressoflessione della tamponatura ed una basata sul cinematismo a seguito della formazione di tre cerniere plastiche sulla tamponatura (rif. Ufficio di Vigilanza sulle Costruzioni, Provincia di Terni).
Qualora la tamponatura sia di tipo antiespulsione (nelle due possibili varianti ordinaria o armata) viene condotta una verifica con meccanismo ad arco con degrado di resistenza. La verifica confronta le pressioni sollecitanti indotte dal sisma con le pressioni resistenti che la tamponatura sviluppa attraverso il meccanismo ad arco. La verifica considera anche il degrado di resistenza dovuto al danneggiamento nel piano della tamponatura.
Per quest'ultima tamponatura sono disponibili, in funzione del materiale impiegato (materiale [52] o materiale [53]):

- **Tamponatura Antiespulsione ordinaria Poroton® Cis Edil** sp.30 cm; con metodo di verifica per meccanismo ad arco con degrado di resistenza, sviluppato attraverso i risultati di un progetto di ricerca sperimentale condotto dall'Università degli Studi di Padova. Utilizzabile per il materiale [52].
- **Tamponatura Antiespulsione armata Poroton® Cis Edil** sp.30 cm; con metodo di verifica per meccanismo ad arco con degrado di resistenza, sviluppato attraverso i risultati di un progetto di ricerca sperimentale condotto dall'Università degli Studi di Padova. Utilizzabile per il materiale [53].

La verifica è stata calibrata sulla base di prove sperimentali sul sistema di Tamponatura Antiespulsione anche in presenza di aperture.
(rif. Rapporti di Prova redatti dal Dipartimento ICEA - Università degli Studi di Padova di test sperimentali condotti sul sistema Tamponatura Antiespulsione di Cis Edil)

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In particolare i simboli utilizzati in tabella assumono il seguente significato:

Elem.	Numero identificativo dell'elemento
Stato	Codice di verifica
Ver. c.c.	Verifica nell'ipotesi di trave appoggiata con carico concentrato in mezzeria
Ver. c.d.	Verifica nell'ipotesi di trave appoggiata con carico distribuito
Ver. c.cin.	Verifica nell'ipotesi di cinematismo con formazione di cerniere plastiche in appoggio e mezzeria
Ver. CIS	Rapporto pa/pr (valore minore o uguale a 1 per verifica positiva)
Z	Quota del baricentro dell'elemento
T1	Periodo proprio dell'edificio nella direzione di interesse (ortogonale al pannello)
Ta	Periodo proprio della parete
Sa	Accelerazione massima, adimensionalizzata allo SLV
pa	Pressione sulla parete causata dall'azione sismica
pr	Pressione resistente del meccanismo ad arco
Drift	Spostamento relativo interpiano allo SLV valutato secondo il D.M. 14.01.2008 - § 7.3.3.3

Beta a	Coef. riduttivo per tener conto del danneggiamento del piano dipendente dallo spostamento, ottenuto sperimentalmente

ID Arch.	Tipo	G1k kN/ m2	G2k kN/ m2	Qk kN/ m2	Fatt. A	s sis.	Psi 0	Psi 1	Psi 2	Psi S 2	Fatt. Fi
1	Neve	1.00e-02	1.00	1.60		1.00	0.50	0.20	0.0	0.0	1.00
2	Neve	1.00e-02	1.00	0.90		1.00	0.50	0.20	0.0	0.0	1.00

Elem.	Tipo	ID Arch.	Mat.	Spessore	Orditura	G1k kN/ m2	G2k kN/ m2	Qk kN/ m2	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..
1	SM	2	m=5	1.0	90.0	1.00e-02	1.00	0.90	1871	293	567	1893	
2	SM	2	m=5	1.0	90.0	1.00e-02	1.00	0.90	293	3941	3992	567	
3	SM	2	m=5	1.0	90.0	1.00e-02	1.00	0.90	3941	3820	3836	3992	
4	SM	2	m=5	1.0	90.0	1.00e-02	1.00	0.90	3820	3727	3748	3836	
5	SM	2	m=5	1.0	90.0	1.00e-02	1.00	0.90	3727	3497	3513	3748	
6	SM	2	m=5	1.0	90.0	1.00e-02	1.00	0.90	1893	567	1187	2471	
7	SM	2	m=5	1.0	90.0	1.00e-02	1.00	0.90	567	3992	4220	1187	
8	SM	2	m=5	1.0	90.0	1.00e-02	1.00	0.90	3992	3836	3854	4220	
9	SM	2	m=5	1.0	90.0	1.00e-02	1.00	0.90	3836	3748	3778	3854	
10	SM	2	m=5	1.0	90.0	1.00e-02	1.00	0.90	3748	3513	3600	3778	
11	SM	2	m=5	1.0	90.0	1.00e-02	1.00	0.90	3469	3483	3463	3458	
12	SM	2	m=5	1.0	90.0	1.00e-02	1.00	0.90	3458	3463	3375	3367	
13	SM	2	m=5	1.0	90.0	1.00e-02	1.00	0.90	3367	3375	3362	3359	
14	SM	2	m=5	1.0	90.0	1.00e-02	1.00	0.90	3359	3362	3272	3202	
15	SM	1	m=12	1.0	90.0	1.00e-02	1.00	1.60	4332	4323	4320	4326	
16	SM	1	m=12	1.0	90.0	1.00e-02	1.00	1.60	4326	4320	4321	4327	
17	SM	1	m=12	1.0	90.0	1.00e-02	1.00	1.60	4327	4321	4322	4328	
18	SM	1	m=12	1.0	90.0	1.00e-02	1.00	1.60	4324	4334	4328	4322	
19	SM	1	m=12	1.0	90.0	1.00e-02	1.00	1.60	4333	4332	4326	4329	
20	SM	1	m=12	1.0	90.0	1.00e-02	1.00	1.60	4329	4326	4327	4330	
21	SM	1	m=12	1.0	90.0	1.00e-02	1.00	1.60	4330	4327	4328	4331	
22	SM	1	m=12	1.0	90.0	1.00e-02	1.00	1.60	4334	4335	4331	4328	
23	SM	1	m=12	1.0	90.0	1.00e-02	1.00	1.60	4337	4343	1333	4346	
24	SM	1	m=12	1.0	90.0	1.00e-02	1.00	1.60	4319	4344	4343	4337	
25	SM	1	m=12	1.0	90.0	1.00e-02	1.00	1.60	4336	4345	4344	4319	
26	SM	1	m=12	1.0	90.0	1.00e-02	1.00	1.60	4345	4336	4338	4347	
27	SM	1	m=12	1.0	90.0	1.00e-02	1.00	1.60	4340	4337	4346	2972	
28	SM	1	m=12	1.0	90.0	1.00e-02	1.00	1.60	4341	4319	4337	4340	
29	SM	1	m=12	1.0	90.0	1.00e-02	1.00	1.60	4342	4336	4319	4341	
30	SM	1	m=12	1.0	90.0	1.00e-02	1.00	1.60	4336	4342	4348	4338	
31	SB	1	m=5	4.0	90.0	1.00e-02	1.00	1.60	2486	2490	2345	3712	
32	SB	1	m=5	4.0	90.0	1.00e-02	1.00	1.60	2484	2488	2490	2486	
33	SB	1	m=5	4.0	90.0	1.00e-02	1.00	1.60	3710	2478	2488	2484	
34	SB	1	m=5	4.0	90.0	1.00e-02	1.00	1.60	2478	2482	2492	2488	
35	SB	1	m=5	4.0	90.0	1.00e-02	1.00	1.60	2482	3718	2467	2492	
36	SB	1	m=5	4.0	90.0	1.00e-02	1.00	1.60	2488	2492	2494	2490	
37	SB	1	m=5	4.0	90.0	1.00e-02	1.00	1.60	2490	2494	2461	2345	
38	SB	1	m=5	4.0	90.0	1.00e-02	1.00	1.60	2494	2473	3715	2461	
39	SB	1	m=5	4.0	90.0	1.00e-02	1.00	1.60	2492	2467	2473	2494	
40	SB	1	m=5	4.0	90.0	1.00e-02	1.00	1.60	4277	4282	4276	3330	
41	SB	1	m=5	4.0	90.0	1.00e-02	1.00	1.60	4281	4283	4282	4277	
42	SB	1	m=5	4.0	90.0	1.00e-02	1.00	1.60	3334	4274	4283	4281	
43	SB	1	m=5	4.0	90.0	1.00e-02	1.00	1.60	4274	4278	4285	4283	
44	SB	1	m=5	4.0	90.0	1.00e-02	1.00	1.60	4278	3338	4279	4285	
45	SB	1	m=5	4.0	90.0	1.00e-02	1.00	1.60	4283	4285	4284	4282	
46	SB	1	m=5	4.0	90.0	1.00e-02	1.00	1.60	4282	4284	4280	4276	
47	SB	1	m=5	4.0	90.0	1.00e-02	1.00	1.60	4284	4275	3342	4280	
48	SB	1	m=5	4.0	90.0	1.00e-02	1.00	1.60	4285	4279	4275	4284	
49	SM	2	m=5	1.0	90.0	1.00e-02	1.00	0.90	3202	3272	1633	1241	
50	SM	2	m=5	1.0	90.0	1.00e-02	1.00	0.90	4564	4561	4560	4567	
51	PM		m=12	1.2	90.0				3966	3993	3168	3160	
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54	PB		m=12	1.2	0.0				3358	3449	3475	3369	
55	PB		m=12	1.2	0.0				3364	3369	3475	3466	
56	PM		m=12	1.2	90.0				3993	4020	3231	3168	

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57	PM	m=12	1.2	90.0	3939	3966	3160	2882		
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113	PM	m=12	1.2	0.0	4563	4565	4567	4564		
114	PM	m=12	1.2	0.0	4566	4562	4560	4561		
115	PB	m=12	1.2	0.0	3358	3449	3461	3360		

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MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

Il programma consente l'uso di diverse tipologie di carico (azioni). Le azioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni azione applicata alla struttura viene di riportato il codice, il tipo e la sigla identificativa. Le tabelle successive dettagliano i valori caratteristici di ogni azione in relazione al tipo. Le tabelle riportano infatti i seguenti dati in relazione al tipo:

1	**carico concentrato nodale** 6 dati (forza Fx, Fy, Fz, momento Mx, My, Mz)
2	**spostamento nodale impresso** 6 dati (spostamento Tx,Ty,Tz, rotazione Rx,Ry,Rz)
3	**carico distribuito globale su elemento tipo trave** 7 dati (fx,fy,fz,mx,my,mz,ascissa di inizio carico) 7 dati (fx,fy,fz,mx,my,mz,ascissa di fine carico)
4	**carico distribuito locale su elemento tipo trave** 7 dati (f1,f2,f3,m1,m2,m3,ascissa di inizio carico) 7 dati (f1,f2,f3,m1,m2,m3,ascissa di fine carico)
5	**carico concentrato globale su elemento tipo trave** 7 dati (Fx,Fy,Fz,Mx,My,Mz,ascissa di carico)
6	**carico concentrato locale su elemento tipo trave** 7 dati (F1, F2, F3, M1, M2, M3, ascissa di carico)
7	**variazione termica applicata ad elemento tipo trave** 7 dati (variazioni termiche: uniforme, media e differenza in altezza e larghezza al nodo iniziale e finale)
8	**carico di pressione uniforme su elemento tipo piastra** 1 dato (pressione)
9	**carico di pressione variabile su elemento tipo piastra** 4 dati (pressione, quota, pressione, quota)
10	**variazione termica applicata ad elemento tipo piastra** 2 dati (variazioni termiche: media e differenza nello spessore)
11	**carico variabile generale su elementi tipo trave e piastra** 1 dato descrizione della tipologia 4 dati per segmento (posizione, valore, posizione, valore) la tipologia precisa l'ascissa di definizione, la direzione del carico, la modalità di carico e la larghezza d'influenza per gli elementi tipo trave
12	**gruppo di carichi con impronta su piastra** 9 dati (numero di ripetizioni in direzione X e Y, valore di ciascun carico, posizione centrale del primo, dimensioni dell' impronta, interasse tra i carichi

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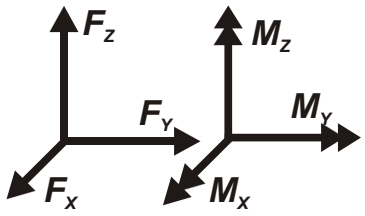
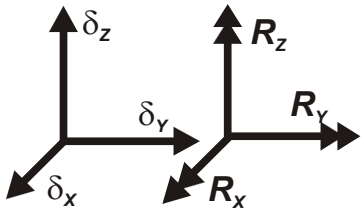
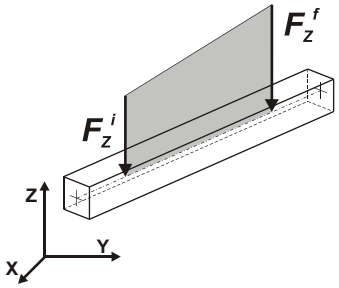


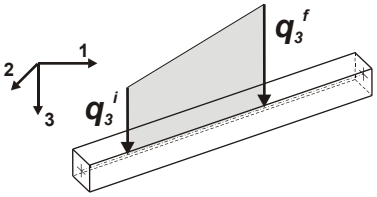
Carico concentrato nodale



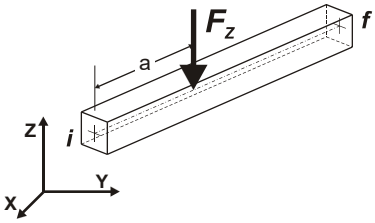
Spostamento impresso



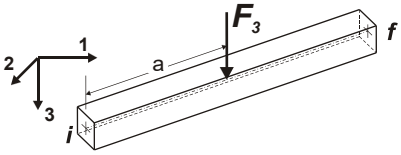
Carico distribuito globale



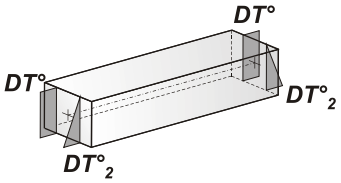
Carico distribuito locale



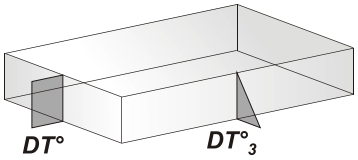
Carico concentrato globale



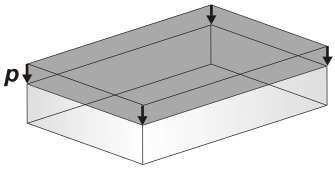
Carico concentrato locale



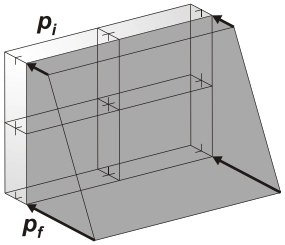
Carico termico 2D



Carico termico 3D



Carico pressione uniforme



Carico pressione variabile

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Tipo	carico concentrato nodale

Id	Tipo	Fx	Fy	Fz	Mx	My	Mz
		kN	kN	kN	kN m	kN m	kN m
28	CN:Fx=200.00	2.00	0.0	0.0	0.0	0.0	0.0
29	CN:Fx=-200.00	-2.00	0.0	0.0	0.0	0.0	0.0
30	CN:Fy=200.00	0.0	2.00	0.0	0.0	0.0	0.0
31	CN:Fy=-200.00	0.0	-2.00	0.0	0.0	0.0	0.0

Tipo	carico distribuito globale su trave

Id	Tipo	Pos.	fx	fy	fz	mx	my	mz
		m	kN/ m	kN/ m	kN/ m	kN	kN	kN
26	DG:Fxi=1.90 Fxf=1.90	0.0	1.90	0.0	0.0	0.0	0.0	0.0
		0.0	1.90	0.0	0.0	0.0	0.0	0.0
27	DG:Fxi=-1.90 Fxf=-1.90	0.0	-1.90	0.0	0.0	0.0	0.0	0.0
		0.0	-1.90	0.0	0.0	0.0	0.0	0.0

Tipo	carico di pressione uniforme su piastra

Id	Tipo	pressione
		kN/ m2
5	ETK PAN ++ sovraspinta sismica terreno (da personalizzare)-P3:p=0.57	56.70
6	ETK PAN -- sovraspinta sismica terreno (da personalizzare)-P3:p=0.57	56.70
7	QVK PAN ++ vento*0.4 (da personalizzare)-P3:p= 8.000e-03	0.80
8	QVK PAN -- vento*0.4 (da personalizzare)-P3:p= 8.000e-03	0.80
24	ETK PAN ++ sovraspinta sismica terreno (da personalizzare)-P3:p=0.35	34.90
25	ETK PAN -- sovraspinta sismica terreno (da personalizzare)-P3:p=0.35	34.90

Tipo	carico di pressione variabile su piastra

Id	Tipo	pressione	quota	pressione	quota
		kN/ m2	m	kN/ m2	m
18	spinta terreno statica con sovraccarico-PL3:pi=0.88 qi=60.00 pf= 8.800e-02 qf=1120.00	88.40	0.60	8.80	11.20
19	spinta terreno statica con sovraccarico-PL3:pi=-0.88 qi=60.00 pf=-8.800e-02 qf=1120.00	-88.40	0.60	-8.80	11.20
20	spinta terreno statica con sovraccarico-PL3:pi=0.58 qi=60.00 pf= 8.800e-02 qf=715.00	57.80	0.60	8.80	7.15
21	spinta terreno statica con sovraccarico-PL3:pi=-0.58 qi=60.00 pf=-8.800e-02 qf=715.00	-57.80	0.60	-8.80	7.15
23	spinta terreno statica sovraccarico-PL3:pi=-7.700e-02 qi=60.00 pf=-7.700e-02 qf=1120.00	-7.70	0.60	-7.70	11.20

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Tipo	variazione termica applicata a piastra

Id	Tipo	DT uniforme	DT 3-3
		C	C
22	RITIRO-T3:DT=-5.00	-5.00	0.0

Tipo	carico variabile generale

Id	Tipo	ascissa	valore	ascissa	valore
		m	kN/ m2	m	kN/ m2
9	Riempimento banchina-QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-57.60		
10	Riempimento binari-QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-24.00		

Id	Tipo	ascissa	valore	ascissa	valore
11	Ballast binari-QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-14.40		
12	Terreno di riempimento-QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-145.00		
13	Q treno zona centrale-QV:unif - Qz - Pres.				
	Unif. Qz Pres. L2=0.0		-76.80		
14	Q treno zona laterale-QV:unif - Qz - Pres.				
	Unif. Qz Pres. L2=0.0		-38.40		
15	Variabile banchina-QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-5.00		
16	G2 portati pavimentp passeralla-QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-1.50		
17	Variabile affollamento 500-QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-5.00		

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SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

Il programma consente l'applicazione di diverse tipologie di casi di carico.
Sono previsti i seguenti 11 tipi di casi di carico:

	Sigla	*Tipo*	*Descrizione*
1	**Ggk**	A	caso di carico comprensivo del peso proprio struttura
2	**Gk**	NA	caso di carico con azioni permanenti
3	**Qk**	NA	caso di carico con azioni variabili
4	**Gsk**	A	caso di carico comprensivo dei carichi permanenti sui solai e sulle coperture
5	**Qsk**	A	caso di carico comprensivo dei carichi variabili sui solai
6	**Qnk**	A	caso di carico comprensivo dei carichi di neve sulle coperture
7	**Qtk**	SA	caso di carico comprensivo di una variazione termica agente sulla struttura
8	**Qvk**	NA	caso di carico comprensivo di azioni da vento sulla struttura
9	**Esk**	SA	caso di carico sismico con analisi statica equivalente
10	**Edk**	SA	caso di carico sismico con analisi dinamica
11	**Etk**	NA	caso di carico comprensivo di azioni derivanti dall' incremento di spinta delle terre in condizione sismica
12	**Pk**	NA	caso di carico comprensivo di azioni derivanti da coazioni, cedimenti e precompressioni

Sono di tipo automatico A (ossia non prevedono introduzione dati da parte dell'utente) i seguenti casi di carico: 1-Ggk; 4-Gsk; 5-Qsk; 6-Qnk.

Sono di tipo semi-automatico SA (ossia prevedono una minima introduzione dati da parte dell'utente) i seguenti casi di carico:
7-Qtk, in quanto richiede solo il valore della variazione termica;
9-Esk e 10-Edk, in quanto richiedono il valore dell'angolo di ingresso del sisma e l'individuazione dei casi di carico partecipanti alla definizione delle masse.

Sono di tipo non automatico NA ossia prevedono la diretta applicazione di carichi generici agli elementi strutturali (si veda il precedente punto Modellazione delle Azioni) i restanti casi di carico.

Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso: *Numero Tipo* e *Sigla identificativa*, *Valore di riferimento* del caso di carico (se previsto).

In successione, per i casi di carico non automatici, viene riportato l'elenco di nodi ed elementi direttamente caricati con la sigla identificativa del carico.

Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione è prevista localmente per ogni elemento solaio o copertura presente nel modello (si confronti il valore Sksol nel capitolo relativo agli elementi solaio) e pertanto la loro partecipazione è di norma pari a uno.

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CDC	Tipo	Sigla Id	Note
1	Ggk	CDC=Ggk (peso proprio della struttura)	
2	Gsk	CDC=G1sk (permanente solai-coperture)	
3	Gsk	CDC=G2sk (permanente solai-coperture n.c.d.)	
4	Gsk	CDC=G2pk (permanente pannelli n.c.d.)	
5	Qnk	CDC=Qnk (carico da neve)	
6	Gk	CDC=G1k	Azioni applicate:
7	Gk	CDC=G2k	Azioni applicate:
			D3 : 595 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 :da 599 a 600 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 724 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 737 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 750 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 776 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 789 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 802 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 815 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 828 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 :da 1330 a 1334 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 :da 1336 a 1345 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 :da 1347 a 1353 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 1421 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 1425 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 1429 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 2027 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 :da 2031 a 2032 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 2156 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 2169 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 2182 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 2195 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 2221 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 2234 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 2247 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 2260 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 :da 2763 a 2772 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 :da 2774 a 2783 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 2785 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 2853 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 2857 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 : 2861 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 :da 2876 a 2883 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 :da 2900 a 2907 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 :da 2913 a 3305 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 :da 3307 a 3333 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 :da 3335 a 3461 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 :da 3463 a 3571 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 :da 3573 a 3614 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 :da 3616 a 3717 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
			D3 :da 3719 a 3800 Azione : G2 portati pavimentp passeralla-QV:unif - Qz - Area
8	Gk	CDC=G2k riempimenti su platea	Azioni applicate:
9	Gk	CDC=G1k SPINTA TERRENO STATICA	Azioni applicate:
10	Qtk	CDC=Qtk (carico termico) dT= 15.00	variazione termica:15.00
11	Qk	CDC=Qk RITIRO SOLETTA	Azioni applicate:
			D3 : 595 Azione : RITIRO-T3:DT=-5.00
			D3 :da 599 a 600 Azione : RITIRO-T3:DT=-5.00
			D3 : 724 Azione : RITIRO-T3:DT=-5.00
			D3 : 737 Azione : RITIRO-T3:DT=-5.00
			D3 : 750 Azione : RITIRO-T3:DT=-5.00
			D3 : 763 Azione : RITIRO-T3:DT=-5.00
			D3 : 776 Azione : RITIRO-T3:DT=-5.00
			D3 : 789 Azione : RITIRO-T3:DT=-5.00
			D3 : 802 Azione : RITIRO-T3:DT=-5.00
			D3 : 815 Azione : RITIRO-T3:DT=-5.00
			D3 : 828 Azione : RITIRO-T3:DT=-5.00

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CDC	Tipo	Sigla Id	Note
			D3 :da 1330 a 1334 Azione : RITIRO-T3:DT=-5.00
			D3 :da 1336 a 1345 Azione : RITIRO-T3:DT=-5.00
			D3 :da 1347 a 1353 Azione : RITIRO-T3:DT=-5.00
			D3 : 1421 Azione : RITIRO-T3:DT=-5.00
			D3 : 1425 Azione : RITIRO-T3:DT=-5.00
			D3 : 1429 Azione : RITIRO-T3:DT=-5.00
			D3 : 2027 Azione : RITIRO-T3:DT=-5.00
			D3 :da 2031 a 2032 Azione : RITIRO-T3:DT=-5.00
			D3 : 2156 Azione : RITIRO-T3:DT=-5.00
			D3 : 2169 Azione : RITIRO-T3:DT=-5.00
			D3 : 2182 Azione : RITIRO-T3:DT=-5.00
			D3 : 2195 Azione : RITIRO-T3:DT=-5.00
			D3 : 2208 Azione : RITIRO-T3:DT=-5.00
			D3 : 2221 Azione : RITIRO-T3:DT=-5.00
			D3 : 2234 Azione : RITIRO-T3:DT=-5.00
			D3 : 2247 Azione : RITIRO-T3:DT=-5.00
			D3 : 2260 Azione : RITIRO-T3:DT=-5.00
			D3 :da 2763 a 2772 Azione : RITIRO-T3:DT=-5.00
			D3 :da 2774 a 2783 Azione : RITIRO-T3:DT=-5.00
			D3 : 2785 Azione : RITIRO-T3:DT=-5.00
			D3 : 2853 Azione : RITIRO-T3:DT=-5.00
			D3 : 2857 Azione : RITIRO-T3:DT=-5.00
			D3 : 2861 Azione : RITIRO-T3:DT=-5.00
			D3 :da 2876 a 2883 Azione : RITIRO-T3:DT=-5.00
			D3 :da 2900 a 2907 Azione : RITIRO-T3:DT=-5.00
			D3 :da 2913 a 3333 Azione : RITIRO-T3:DT=-5.00
			D3 :da 3335 a 3461 Azione : RITIRO-T3:DT=-5.00
			D3 :da 3463 a 3571 Azione : RITIRO-T3:DT=-5.00
			D3 :da 3573 a 3800 Azione : RITIRO-T3:DT=-5.00
12	Qk	CDC=Qk TRENO LM71	Azioni applicate:
13	Qk	CDC=Qk Affollmento pedonale banchine	Azioni applicate:
14	Qk	CDC=Qk Affollmento pedonale passerella pos1	Azioni applicate:
			D3 :da 2913 a 3242 Azione : Variabile affollamento 500-QV:unif - Qz - Area
15	Qk	CDC=Qk Affollmento pedonale passerella pos2	Azioni applicate:
			D3 : 724 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 737 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 750 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 776 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 789 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 802 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 815 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 828 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 2182 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 2260 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 2900 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 2907 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3243 a 3305 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3307 a 3333 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3335 a 3461 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3463 a 3474 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 3484 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 3495 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 3506 Azione : Variabile affollamento 500-QV:unif - Qz - Area

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CDC	Tipo	Sigla Id	Note
			D3 : 3517 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 3528 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 3539 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 3550 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 3561 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3575 a 3606 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3608 a 3613 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3616 a 3621 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3623 a 3670 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 3687 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 3694 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3726 a 3741 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3758 a 3764 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3767 a 3774 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3781 a 3782 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3791 a 3799 Azione : Variabile affollamento 500-QV:unif - Qz - Area
16	Qk	CDC=Qk Affollmento pedonale passerella pos3	Azioni applicate:
			D3 : 595 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 599 a 600 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 763 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 1330 a 1334 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 1336 a 1345 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 1347 a 1353 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 1421 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 1425 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 1429 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 2027 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 2031 a 2032 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 2156 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 2169 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 2195 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 2208 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 2221 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 2234 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 2247 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 2763 a 2772 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 2774 a 2783 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 2785 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 2853 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 2857 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 2861 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 2876 a 2883 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 2901 a 2906 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3475 a 3483 Azione : Variabile affollamento 500-QV:unif - Qz -

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CDC	Tipo	Sigla Id	Note
			Area
			D3 :da 3485 a 3494 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3496 a 3505 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3507 a 3516 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3518 a 3527 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3529 a 3538 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3540 a 3549 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3551 a 3560 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3562 a 3571 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3573 a 3574 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 3607 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3614 a 3615 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 3622 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3671 a 3686 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3688 a 3693 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3695 a 3725 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3742 a 3757 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3765 a 3766 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3775 a 3780 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 :da 3783 a 3790 Azione : Variabile affollamento 500-QV:unif - Qz - Area
			D3 : 3800 Azione : Variabile affollamento 500-QV:unif - Qz - Area
17	Qvk	CDC=Qvk (carico da vento) dir X +	Azioni applicate:
			Nodo: 3352 Azione : CN:Fx=200.00
			Nodo: 3357 Azione : CN:Fx=200.00
			D2 : 1081 Azione : DG:Fxi=1.90 Fxf=1.90
			D2 : 1084 Azione : DG:Fxi=1.90 Fxf=1.90
			D2 : 1088 Azione : DG:Fxi=1.90 Fxf=1.90
			D2 : 1090 Azione : DG:Fxi=1.90 Fxf=1.90
			D2 : 1092 Azione : DG:Fxi=1.90 Fxf=1.90
			D2 : 1094 Azione : DG:Fxi=1.90 Fxf=1.90
			D2 : 1096 Azione : DG:Fxi=1.90 Fxf=1.90
			D2 : 1098 Azione : DG:Fxi=1.90 Fxf=1.90
			D2 : 1123 Azione : DG:Fxi=1.90 Fxf=1.90
18	Qvk	CDC=Qvk (carico da vento) dir X -	Azioni applicate:
			Nodo: 3352 Azione : CN:Fx=-200.00
			Nodo: 3357 Azione : CN:Fx=-200.00
			D2 : 1082 Azione : DG:Fxi=-1.90 Fxf=-1.90
			D2 : 1085 Azione : DG:Fxi=-1.90 Fxf=-1.90
			D2 : 1089 Azione : DG:Fxi=-1.90 Fxf=-1.90
			D2 : 1091 Azione : DG:Fxi=-1.90 Fxf=-1.90
			D2 : 1093 Azione : DG:Fxi=-1.90 Fxf=-1.90
			D2 : 1095 Azione : DG:Fxi=-1.90 Fxf=-1.90
			D2 : 1097 Azione : DG:Fxi=-1.90 Fxf=-1.90
			D2 : 1099 Azione : DG:Fxi=-1.90 Fxf=-1.90

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CDC	Tipo	Sigla Id	Note
			D2 : 1124 Azione : DG:Fxi=-1.90 Fxf=-1.90
19	Qvk	CDC=Qvk (carico da vento) dir Y +	Azioni applicate:
			Nodo: 3352 Azione : CN:Fy=200.00
			Nodo: 3357 Azione : CN:Fy=200.00
20	Qvk	CDC=Qvk (carico da vento) dir Y -	Azioni applicate:
			Nodo: 3352 Azione : CN:Fy=-200.00
			Nodo: 3357 Azione : CN:Fy=-200.00
21	Qk	CDC=Qk (variabile generico)	Azioni applicate:
22	Etk	CDC=Etk (inc. sp. terreno) SLV dir + alfa=0.0	Azioni applicate:
23	Etk	CDC=Etk (inc. sp. terreno) SLV dir - alfa=0.0	Azioni applicate:
24	Etk	CDC=Etk (inc. sp. terreno) SLV dir + alfa=90.00	Azioni applicate:
25	Etk	CDC=Etk (inc. sp. terreno) SLV dir - alfa=90.00	Azioni applicate:
26	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)
			partecipazione:1.00 per 2 CDC=G1sk (permanente solai-coperture)
			partecipazione:1.00 per 3 CDC=G2sk (permanente solai-coperture n.c.d.)
			partecipazione:1.00 per 4 CDC=G2pk (permanente pannelli n.c.d.)
			partecipazione:1.00 per 5 CDC=Qnk (carico da neve)
			partecipazione:1.00 per 6 CDC=G1k
			partecipazione:1.00 per 7 CDC=G2k
			partecipazione:1.00 per 8 CDC=G2k riempimenti su platea
			partecipazione:0.60 per 14 CDC=Qk Affollmento pedonale passerella pos1
			partecipazione:0.60 per 15 CDC=Qk Affollmento pedonale passerella pos2
			partecipazione:0.60 per 16 CDC=Qk Affollmento pedonale passerella pos3
27	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico
28	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	come precedente CDC sismico
29	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	come precedente CDC sismico
30	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	come precedente CDC sismico
31	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	come precedente CDC sismico
32	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	come precedente CDC sismico
33	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	come precedente CDC sismico
34	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. +)	come precedente CDC sismico
35	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. -)	come precedente CDC sismico
36	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. +)	come precedente CDC sismico
37	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. -)	come precedente CDC sismico

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DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

Il programma combina i diversi tipi di casi di carico (CDC) secondo le regole previste dalla normativa vigente.
Le combinazioni previste sono destinate al controllo di sicurezza della struttura ed alla verifica degli spostamenti e delle sollecitazioni.

La prima tabella delle combinazioni riportata di seguito comprende le seguenti informazioni: Numero, Tipo, Sigla identificativa. Una seconda tabella riporta il peso nella combinazione assunto per ogni caso di carico.

Ai fini delle verifiche degli stati limite si definiscono le seguenti combinazioni delle azioni:

Combinazione fondamentale SLU

$\gamma G1 \cdot G1 + \gamma G2 \cdot G2 + \gamma P \cdot P + \gamma Q1 \cdot Qk1 + \gamma Q2 \cdot \psi 02 \cdot Qk2 + \gamma Q3 \cdot \psi 03 \cdot Qk3 + \ldots$

Combinazione caratteristica (rara) SLE

$G_1 + G_2 + P + Q_{k1} + \psi 02 \cdot Q_{k2} + \psi 03 \cdot Q_{k3} + \ldots$

Combinazione frequente SLE

$G_1 + G_2 + P + \psi 11 \cdot Q_{k1} + \psi 22 \cdot Q_{k2} + \psi 23 \cdot Q_{k3} + \ldots$

Combinazione quasi permanente SLE

$G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \ldots$

Combinazione sismica, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E

$E + G_1 + G_2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \ldots$

Combinazione eccezionale, impiegata per gli stati limite connessi alle azioni eccezionali

$G_1 + G_2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \ldots$

Dove:

NTC 2008 Tabella 2.5.I

Destinazione d'uso/azione	ψ0	ψ1	ψ2
Categoria A residenziali	0,70	0,50	0,30
Categoria B uffici	0,70	0,50	0,30
Categoria C ambienti suscettibili di affollamento	0,70	0,70	0,60
Categoria D ambienti ad uso commerciale	0,70	0,70	0,60
Categoria E biblioteche, archivi, magazzini,…	1,00	0,90	0,80
Categoria F Rimesse e parcheggi (autoveicoli <= 30kN)	0,70	0,70	0,60
Categoria G Rimesse e parcheggi (autoveicoli > 30kN)	0,70	0,50	0,30
Categoria H Coperture	0,00	0,00	0,00
Vento	0,60	0,20	0,00
Neve a quota <= 1000 m	0,50	0,20	0,00
Neve a quota > 1000 m	0,70	0,50	0,20
Variazioni Termiche	0,60	0,50	0,00

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Nelle verifiche possono essere adottati in alternativa due diversi approcci progettuali:
- per l'approccio 1 si considerano due diverse combinazioni di gruppi di coefficienti di sicurezza parziali per le azioni, per i materiali e per la resistenza globale (combinazione 1 con coefficienti A1 e combinazione 2 con coefficienti A2),
- per l'approccio 2 si definisce un'unica combinazione per le azioni, per la resistenza dei materiali e per la resistenza globale (con coefficienti A1).

NTC 2008 Tabella 2.6.I

		Coefficiente γf	EQU	A1	A2
Carichi permanenti	Favorevoli Sfavorevoli	γG1	0,9 1,1	1,0 1,3	1,0 1,0
Carichi permanenti non strutturali (Non compiutamente definiti)	Favorevoli Sfavorevoli	γG2	0,0 1,5	0,0 1,5	0,0 1,3
Carichi variabili	Favorevoli Sfavorevoli	γQi	0,0 1,5	0,0 1,5	0,0 1,3

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	SLU 1	
2	SLU	SLU 2	
3	SLU	SLU 3	
4	SLU	SLU 4	
5	SLU	SLU 5	
6	SLU	SLU 6	
7	SLU	SLU 7	
8	SLU	SLU 8	
9	SLU	SLU 9	
10	SLU	SLU 10	
11	SLU	SLU 11	
12	SLU	SLU 12	
13	SLU	SLU 13	
14	SLU	SLU 14	
15	SLU	SLU 15	
16	SLU	SLU 16	
17	SLU	SLU 17	
18	SLU	SLU 18	
19	SLU	SLU 19	
20	SLU	SLU 20	
21	SLU	SLU 21	
22	SLU	SLU 22	
23	SLU	SLU 23	
24	SLU	SLU 24	
25	SLU	SLU 25	
26	SLU	SLU 26	
27	SLU	SLU 27	
28	SLU	SLU 28	
29	SLU	SLU 29	
30	SLU	SLU 30	
31	SLU	SLU 31	
32	SLU	SLU 32	
33	SLU	SLU 33	
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36	SLU	SLU 36	
37	SLU	SLU 37	
38	SLU	SLU 38	
39	SLU	SLU 39	
40	SLU	SLU 40	
41	SLU	SLU 41	
42	SLU	SLU 42	
43	SLU	SLU 43	
44	SLU	SLU 44	
45	SLU	SLU 45	
46	SLU	SLU 46	
47	SLU	SLU 47	
48	SLU	SLU 48	
49	SLU	SLU 49	
50	SLU	SLU 50	
51	SLU	SLU 51	
52	SLU	SLU 52	
53	SLU	SLU 53	
54	SLU	SLU 54	
55	SLU	SLU 55	
56	SLU	SLU 56	
57	SLU	SLU 57	
58	SLU	SLU 58	
59	SLU	SLU 59	
60	SLU	SLU 60	

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Cmb	Tipo	Sigla Id	effetto P-delta
61	SLU	SLU 61	
62	SLU	SLU 62	
63	SLU	SLU 63	
64	SLU	SLU 64	
65	SLU	SLU 65	
66	SLU	SLU 66	
67	SLU	SLU 67	
68	SLU	SLU 68	
69	SLU	SLU 69	
70	SLU	SLU 70	
71	SLU	SLU 71	
72	SLU	SLU 72	
73	SLU	SLU 73	
74	SLU	SLU 74	
75	SLU	SLU 75	
76	SLU	SLU 76	
77	SLU	SLU 77	
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93	SLU	SLU 93	
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107	SLU	SLU 107	
108	SLU	SLU 108	
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111	SLU	SLU 111	
112	SLU	SLU 112	
113	SLU	SLU 113	
114	SLU	SLU 114	
115	SLU	SLU 115	
116	SLU	SLU 116	
117	SLU	SLU 117	
118	SLU	SLU 118	
119	SLU	SLU 119	
120	SLU	SLU 120	

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Cmb	Tipo	Sigla Id	effetto P-delta
121	SLU	SLU 121	
122	SLU	SLU 122	
123	SLU	SLU 123	
124	SLU	SLU 124	
125	SLU	SLU 125	
126	SLU	SLU 126	
127	SLU	SLU 127	
128	SLU	SLU 128	
129	SLU	SLU 129	
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131	SLU	SLU 131	
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172	SLU	SLU 172	
173	SLU	SLU 173	
174	SLU	SLU 174	
175	SLU	SLU 175	
176	SLU	SLU 176	
177	SLU	SLU 177	
178	SLU	SLU 178	
179	SLU	SLU 179	
180	SLU	SLU 180	

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Cmb	Tipo	Sigla Id	effetto P-delta
181	SLU	SLU 181	
182	SLU	SLU 182	
183	SLU	SLU 183	
184	SLU	SLU 184	
185	SLE(r)	SLE (rara) 185	
186	SLE(r)	SLE (rara) 186	
187	SLE(r)	SLE (rara) 187	
188	SLE(r)	SLE (rara) 188	
189	SLE(r)	SLE (rara) 189	
190	SLE(r)	SLE (rara) 190	
191	SLE(r)	SLE (rara) 191	
192	SLE(r)	SLE (rara) 192	
193	SLE(r)	SLE (rara) 193	
194	SLE(r)	SLE (rara) 194	
195	SLE(r)	SLE (rara) 195	
196	SLE(r)	SLE (rara) 196	
197	SLE(r)	SLE (rara) 197	
198	SLE(r)	SLE (rara) 198	
199	SLE(r)	SLE (rara) 199	
200	SLE(r)	SLE (rara) 200	
201	SLE(r)	SLE (rara) 201	
202	SLE(r)	SLE (rara) 202	
203	SLE(r)	SLE (rara) 203	
204	SLE(r)	SLE (rara) 204	
205	SLE(r)	SLE (rara) 205	
206	SLE(r)	SLE (rara) 206	
207	SLE(r)	SLE (rara) 207	
208	SLE(r)	SLE (rara) 208	
209	SLE(r)	SLE (rara) 209	
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217	SLE(r)	SLE (rara) 217	
218	SLE(r)	SLE (rara) 218	
219	SLE(r)	SLE (rara) 219	
220	SLE(r)	SLE (rara) 220	
221	SLE(r)	SLE (rara) 221	
222	SLE(r)	SLE (rara) 222	
223	SLE(r)	SLE (rara) 223	
224	SLE(r)	SLE (rara) 224	
225	SLE(r)	SLE (rara) 225	
226	SLE(r)	SLE (rara) 226	
227	SLE(r)	SLE (rara) 227	
228	SLE(r)	SLE (rara) 228	
229	SLE(r)	SLE (rara) 229	
230	SLE(r)	SLE (rara) 230	
231	SLE(r)	SLE (rara) 231	
232	SLE(r)	SLE (rara) 232	
233	SLE(r)	SLE (rara) 233	
234	SLE(r)	SLE (rara) 234	
235	SLE(r)	SLE (rara) 235	
236	SLE(r)	SLE (rara) 236	
237	SLE(r)	SLE (rara) 237	
238	SLE(r)	SLE (rara) 238	
239	SLE(r)	SLE (rara) 239	
240	SLE(r)	SLE (rara) 240	

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Cmb	Tipo	Sigla Id	effetto P-delta
241	SLE(r)	SLE (rara) 241	
242	SLE(r)	SLE (rara) 242	
243	SLE(r)	SLE (rara) 243	
244	SLE(r)	SLE (rara) 244	
245	SLE(r)	SLE (rara) 245	
246	SLE(r)	SLE (rara) 246	
247	SLE(r)	SLE (rara) 247	
248	SLE(r)	SLE (rara) 248	
249	SLE(r)	SLE (rara) 249	
250	SLE(r)	SLE (rara) 250	
251	SLE(r)	SLE (rara) 251	
252	SLE(r)	SLE (rara) 252	
253	SLE(r)	SLE (rara) 253	
254	SLE(r)	SLE (rara) 254	
255	SLE(r)	SLE (rara) 255	
256	SLE(r)	SLE (rara) 256	
257	SLE(r)	SLE (rara) 257	
258	SLE(r)	SLE (rara) 258	
259	SLE(r)	SLE (rara) 259	
260	SLE(r)	SLE (rara) 260	
261	SLE(r)	SLE (rara) 261	
262	SLE(r)	SLE (rara) 262	
263	SLE(r)	SLE (rara) 263	
264	SLE(r)	SLE (rara) 264	
265	SLE(r)	SLE (rara) 265	
266	SLE(r)	SLE (rara) 266	
267	SLE(r)	SLE (rara) 267	
268	SLE(r)	SLE (rara) 268	
269	SLE(r)	SLE (rara) 269	
270	SLE(r)	SLE (rara) 270	
271	SLE(r)	SLE (rara) 271	
272	SLE(r)	SLE (rara) 272	
273	SLE(r)	SLE (rara) 273	
274	SLE(r)	SLE (rara) 274	
275	SLE(r)	SLE (rara) 275	
276	SLE(r)	SLE (rara) 276	
277	SLE(r)	SLE (rara) 277	
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280	SLE(r)	SLE (rara) 280	
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282	SLE(r)	SLE (rara) 282	
283	SLE(r)	SLE (rara) 283	
284	SLE(r)	SLE (rara) 284	
285	SLE(r)	SLE (rara) 285	
286	SLE(r)	SLE (rara) 286	
287	SLE(r)	SLE (rara) 287	
288	SLE(r)	SLE (rara) 288	
289	SLE(r)	SLE (rara) 289	
290	SLE(r)	SLE (rara) 290	
291	SLE(r)	SLE (rara) 291	
292	SLE(r)	SLE (rara) 292	
293	SLE(r)	SLE (rara) 293	
294	SLE(r)	SLE (rara) 294	
295	SLE(r)	SLE (rara) 295	
296	SLE(r)	SLE (rara) 296	
297	SLE(r)	SLE (rara) 297	
298	SLE(r)	SLE (rara) 298	
299	SLE(r)	SLE (rara) 299	
300	SLE(r)	SLE (rara) 300	

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Facchini Massimo
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Valido dal 01/09/2023 al 01/09/2026
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Cmb	Tipo	Sigla Id	effetto P-delta
301	SLE(r)	SLE (rara) 301	
302	SLE(r)	SLE (rara) 302	
303	SLE(r)	SLE (rara) 303	
304	SLE(r)	SLE (rara) 304	
305	SLE(f)	SLE (freq) 305	
306	SLE(f)	SLE (freq) 306	
307	SLE(f)	SLE (freq) 307	
308	SLE(f)	SLE (freq) 308	
309	SLE(f)	SLE (freq) 309	
310	SLE(f)	SLE (freq) 310	
311	SLE(f)	SLE (freq) 311	
312	SLE(f)	SLE (freq) 312	
313	SLE(f)	SLE (freq) 313	
314	SLE(f)	SLE (freq) 314	
315	SLE(f)	SLE (freq) 315	
316	SLE(f)	SLE (freq) 316	
317	SLE(f)	SLE (freq) 317	
318	SLE(f)	SLE (freq) 318	
319	SLE(f)	SLE (freq) 319	
320	SLE(f)	SLE (freq) 320	
321	SLE(f)	SLE (freq) 321	
322	SLE(f)	SLE (freq) 322	
323	SLE(f)	SLE (freq) 323	
324	SLE(f)	SLE (freq) 324	
325	SLE(f)	SLE (freq) 325	
326	SLE(f)	SLE (freq) 326	
327	SLE(f)	SLE (freq) 327	
328	SLE(f)	SLE (freq) 328	
329	SLE(f)	SLE (freq) 329	
330	SLE(f)	SLE (freq) 330	
331	SLE(f)	SLE (freq) 331	
332	SLE(f)	SLE (freq) 332	
333	SLE(f)	SLE (freq) 333	
334	SLE(f)	SLE (freq) 334	
335	SLE(f)	SLE (freq) 335	
336	SLE(f)	SLE (freq) 336	
337	SLE(f)	SLE (freq) 337	
338	SLE(f)	SLE (freq) 338	
339	SLE(f)	SLE (freq) 339	
340	SLE(f)	SLE (freq) 340	
341	SLE(f)	SLE (freq) 341	
342	SLE(f)	SLE (freq) 342	
343	SLE(f)	SLE (freq) 343	
344	SLE(f)	SLE (freq) 344	
345	SLE(f)	SLE (freq) 345	
346	SLE(f)	SLE (freq) 346	
347	SLE(p)	SLE (perm) 347	
348	SLE(p)	SLE (perm) 348	
349	SLE(p)	SLE (perm) 349	
350	SLE(p)	SLE (perm) 350	
351	SLE(p)	SLE (perm) 351	
352	SLE(p)	SLE (perm) 352	
353	SLE(p)	SLE (perm) 353	
354	SLE(p)	SLE (perm) 354	
355	SLU	Comb. SLU A1 (SLV sism.) 355	
356	SLU	Comb. SLU A1 (SLV sism.) 356	
357	SLU	Comb. SLU A1 (SLV sism.) 357	
358	SLU	Comb. SLU A1 (SLV sism.) 358	
359	SLU	Comb. SLU A1 (SLV sism.) 359	
360	SLU	Comb. SLU A1 (SLV sism.) 360	

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Cmb	Tipo	Sigla Id	effetto P-delta
361	SLU	Comb. SLU A1 (SLV sism.) 361	
362	SLU	Comb. SLU A1 (SLV sism.) 362	
363	SLU	Comb. SLU A1 (SLV sism.) 363	
364	SLU	Comb. SLU A1 (SLV sism.) 364	
365	SLU	Comb. SLU A1 (SLV sism.) 365	
366	SLU	Comb. SLU A1 (SLV sism.) 366	
367	SLU	Comb. SLU A1 (SLV sism.) 367	
368	SLU	Comb. SLU A1 (SLV sism.) 368	
369	SLU	Comb. SLU A1 (SLV sism.) 369	
370	SLU	Comb. SLU A1 (SLV sism.) 370	
371	SLU	Comb. SLU A1 (SLV sism.) 371	
372	SLU	Comb. SLU A1 (SLV sism.) 372	
373	SLU	Comb. SLU A1 (SLV sism.) 373	
374	SLU	Comb. SLU A1 (SLV sism.) 374	
375	SLU	Comb. SLU A1 (SLV sism.) 375	
376	SLU	Comb. SLU A1 (SLV sism.) 376	
377	SLU	Comb. SLU A1 (SLV sism.) 377	
378	SLU	Comb. SLU A1 (SLV sism.) 378	
379	SLU	Comb. SLU A1 (SLV sism.) 379	
380	SLU	Comb. SLU A1 (SLV sism.) 380	
381	SLU	Comb. SLU A1 (SLV sism.) 381	
382	SLU	Comb. SLU A1 (SLV sism.) 382	
383	SLU	Comb. SLU A1 (SLV sism.) 383	
384	SLU	Comb. SLU A1 (SLV sism.) 384	
385	SLU	Comb. SLU A1 (SLV sism.) 385	
386	SLU	Comb. SLU A1 (SLV sism.) 386	
387	SLE(sis)	Comb. SLE (SLD Danno sism.) 387	
388	SLE(sis)	Comb. SLE (SLD Danno sism.) 388	
389	SLE(sis)	Comb. SLE (SLD Danno sism.) 389	
390	SLE(sis)	Comb. SLE (SLD Danno sism.) 390	
391	SLE(sis)	Comb. SLE (SLD Danno sism.) 391	
392	SLE(sis)	Comb. SLE (SLD Danno sism.) 392	
393	SLE(sis)	Comb. SLE (SLD Danno sism.) 393	
394	SLE(sis)	Comb. SLE (SLD Danno sism.) 394	
395	SLE(sis)	Comb. SLE (SLD Danno sism.) 395	
396	SLE(sis)	Comb. SLE (SLD Danno sism.) 396	
397	SLE(sis)	Comb. SLE (SLD Danno sism.) 397	
398	SLE(sis)	Comb. SLE (SLD Danno sism.) 398	
399	SLE(sis)	Comb. SLE (SLD Danno sism.) 399	
400	SLE(sis)	Comb. SLE (SLD Danno sism.) 400	
401	SLE(sis)	Comb. SLE (SLD Danno sism.) 401	
402	SLE(sis)	Comb. SLE (SLD Danno sism.) 402	
403	SLE(sis)	Comb. SLE (SLD Danno sism.) 403	
404	SLE(sis)	Comb. SLE (SLD Danno sism.) 404	
405	SLE(sis)	Comb. SLE (SLD Danno sism.) 405	
406	SLE(sis)	Comb. SLE (SLD Danno sism.) 406	
407	SLE(sis)	Comb. SLE (SLD Danno sism.) 407	
408	SLE(sis)	Comb. SLE (SLD Danno sism.) 408	
409	SLE(sis)	Comb. SLE (SLD Danno sism.) 409	
410	SLE(sis)	Comb. SLE (SLD Danno sism.) 410	
411	SLE(sis)	Comb. SLE (SLD Danno sism.) 411	
412	SLE(sis)	Comb. SLE (SLD Danno sism.) 412	
413	SLE(sis)	Comb. SLE (SLD Danno sism.) 413	
414	SLE(sis)	Comb. SLE (SLD Danno sism.) 414	
415	SLE(sis)	Comb. SLE (SLD Danno sism.) 415	
416	SLE(sis)	Comb. SLE (SLD Danno sism.) 416	
417	SLE(sis)	Comb. SLE (SLD Danno sism.) 417	
418	SLE(sis)	Comb. SLE (SLD Danno sism.) 418	
419	SLE(sis)	Comb. SLE (SLO Operativo sism.) 419	
420	SLE(sis)	Comb. SLE (SLO Operativo sism.) 420	

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Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
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Cmb	Tipo	Sigla Id	effetto P-delta
421	SLE(sis)	Comb. SLE (SLO Operativo sism.) 421	
422	SLE(sis)	Comb. SLE (SLO Operativo sism.) 422	
423	SLE(sis)	Comb. SLE (SLO Operativo sism.) 423	
424	SLE(sis)	Comb. SLE (SLO Operativo sism.) 424	
425	SLE(sis)	Comb. SLE (SLO Operativo sism.) 425	
426	SLE(sis)	Comb. SLE (SLO Operativo sism.) 426	
427	SLE(sis)	Comb. SLE (SLO Operativo sism.) 427	
428	SLE(sis)	Comb. SLE (SLO Operativo sism.) 428	
429	SLE(sis)	Comb. SLE (SLO Operativo sism.) 429	
430	SLE(sis)	Comb. SLE (SLO Operativo sism.) 430	
431	SLE(sis)	Comb. SLE (SLO Operativo sism.) 431	
432	SLE(sis)	Comb. SLE (SLO Operativo sism.) 432	
433	SLE(sis)	Comb. SLE (SLO Operativo sism.) 433	
434	SLE(sis)	Comb. SLE (SLO Operativo sism.) 434	
435	SLE(sis)	Comb. SLE (SLO Operativo sism.) 435	
436	SLE(sis)	Comb. SLE (SLO Operativo sism.) 436	
437	SLE(sis)	Comb. SLE (SLO Operativo sism.) 437	
438	SLE(sis)	Comb. SLE (SLO Operativo sism.) 438	
439	SLE(sis)	Comb. SLE (SLO Operativo sism.) 439	
440	SLE(sis)	Comb. SLE (SLO Operativo sism.) 440	
441	SLE(sis)	Comb. SLE (SLO Operativo sism.) 441	
442	SLE(sis)	Comb. SLE (SLO Operativo sism.) 442	
443	SLE(sis)	Comb. SLE (SLO Operativo sism.) 443	
444	SLE(sis)	Comb. SLE (SLO Operativo sism.) 444	
445	SLE(sis)	Comb. SLE (SLO Operativo sism.) 445	
446	SLE(sis)	Comb. SLE (SLO Operativo sism.) 446	
447	SLE(sis)	Comb. SLE (SLO Operativo sism.) 447	
448	SLE(sis)	Comb. SLE (SLO Operativo sism.) 448	
449	SLE(sis)	Comb. SLE (SLO Operativo sism.) 449	
450	SLE(sis)	Comb. SLE (SLO Operativo sism.) 450	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.35	1.35	1.50	1.50	1.50	1.35	1.50	0.0	0.0	1.50	1.20	0.0	0.0	1.05
	1.05	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
2	1.35	1.35	1.50	1.50	1.50	1.35	1.50	0.0	0.0	1.50	1.20	0.0	0.0	1.05
	1.05	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
3	1.35	1.35	1.50	1.50	1.50	1.35	1.50	0.0	0.0	1.50	1.20	0.0	0.0	1.05
	1.05	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
4	1.35	1.35	1.50	1.50	1.50	1.35	1.50	0.0	0.0	1.50	1.20	0.0	0.0	1.05
	1.05	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5	1.35	1.35	1.50	1.50	1.50	1.35	1.50	0.0	0.0	-1.50	1.20	0.0	0.0	1.05
	1.05	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
6	1.35	1.35	1.50	1.50	1.50	1.35	1.50	0.0	0.0	-1.50	1.20	0.0	0.0	1.05
	1.05	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
7	1.35	1.35	1.50	1.50	1.50	1.35	1.50	0.0	0.0	-1.50	1.20	0.0	0.0	1.05
	1.05	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
8	1.35	1.35	1.50	1.50	1.50	1.35	1.50	0.0	0.0	-1.50	1.20	0.0	0.0	1.05
	1.05	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
9	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	0.90	1.20	1.45	1.50	0.0
	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
10	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	0.90	1.20	1.45	1.50	0.0
	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
11	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	0.90	1.20	1.45	1.50	0.0
	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
12	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	0.90	1.20	1.45	1.50	0.0
	0.0	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
13	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	-0.90	1.20	1.45	1.50	0.0
	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
14	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	-0.90	1.20	1.45	1.50	0.0
	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
15	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	-0.90	1.20	1.45	1.50	0.0
	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
16	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	-0.90	1.20	1.45	1.50	0.0
	0.0	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
17	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	1.50	1.20	1.16	1.05	0.0
	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
18	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	1.50	1.20	1.16	1.05	0.0
	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
19	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	1.50	1.20	1.16	1.05	0.0
	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
20	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	1.50	1.20	1.16	1.05	0.0
	0.0	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
21	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	-1.50	1.20	1.16	1.05	0.0
	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
22	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	-1.50	1.20	1.16	1.05	0.0
	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
23	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	-1.50	1.20	1.16	1.05	0.0
	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
24	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.35	1.35	-1.50	1.20	1.16	1.05	0.0
	0.0	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
25	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.16	1.05	1.05
	1.05	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
26	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.16	1.05	1.05
	1.05	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
27	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.16	1.05	1.05
	1.05	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
28	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.16	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
29	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.16	1.05	1.05

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	1.05	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
30	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.16	1.05	1.05
	1.05	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
31	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.16	1.05	1.05
	1.05	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
32	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.16	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
33	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
34	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
35	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
36	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
37	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
38	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
39	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
40	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
41	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	0.0	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
42	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	0.0	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
43	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	0.0	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
44	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	0.0	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
45	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	0.0
	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
46	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	0.0
	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
47	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	0.0
	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
48	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	0.0
	1.50	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
49	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
50	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
51	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
52	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
53	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	0.0	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
54	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	0.0	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
55	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	0.0	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
56	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	0.0	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
57	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	0.0
	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
58	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	0.0
	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
59	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	0.0
	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
60	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	0.0
	1.50	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
61	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
62	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
63	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
64	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
65	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	1.50
	0.0	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
66	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	1.50
	0.0	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
67	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	1.50
	0.0	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
68	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	1.50
	0.0	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
69	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	0.0
	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
70	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	0.0
	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
71	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	0.0
	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
72	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	0.0
	1.50	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
73	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	1.50
	1.50	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
74	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	1.50
	1.50	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
75	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
76	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
77	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	1.50
	0.0	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
78	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	1.50
	0.0	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
79	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	1.50
	0.0	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
80	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	1.50
	0.0	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
81	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	0.0
	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
82	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	0.0
	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
83	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	0.0
	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
84	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	0.0
	1.50	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
85	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	1.50
	1.50	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
86	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	1.50
	1.50	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
87	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	1.50
	1.50	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
88	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.50	1.50

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	1.50	1.50	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
89	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	1.05
	0.0	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
90	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
91	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
92	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
93	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	0.0
	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
94	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
95	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
96	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
97	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	1.05
	1.05	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
98	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
99	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
100	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
101	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	1.05
	0.0	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
102	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
103	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
104	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
105	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	0.0
	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
106	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
107	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
108	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
109	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	1.05
	1.05	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
110	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
111	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
112	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
113	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	1.05
	0.0	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
114	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
115	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
116	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
117	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	0.0
	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
118	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
119	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
120	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
121	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	1.05
	1.05	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
122	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
123	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
124	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	0.90	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
125	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	1.05
	0.0	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
126	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
127	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
128	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
129	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	0.0
	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
130	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
131	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
132	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
133	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	1.05
	1.05	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
134	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
135	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
136	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-0.90	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
137	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	1.05
	0.0	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
138	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
139	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
140	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
141	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	0.0
	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
142	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
143	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
144	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
145	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	1.05
	1.05	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
146	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
147	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	1.05

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	1.05	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
148	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
149	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	1.05
	0.0	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
150	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
151	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
152	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
153	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	0.0
	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
154	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
155	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
156	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
157	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	1.05
	1.05	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
158	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
159	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
160	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	1.20	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
161	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	1.05
	0.0	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
162	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
163	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
164	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
165	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	0.0
	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
166	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
167	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
168	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
169	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	1.05
	1.05	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
170	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
171	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
172	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	1.50	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
173	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	1.05
	0.0	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
174	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
175	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
176	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	1.05
	0.0	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
177	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	0.0
	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
178	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
179	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
180	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	0.0
	1.05	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
181	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	1.05
	1.05	1.05	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
182	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
183	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
184	1.35	1.35	1.50	1.50	1.50	1.35	1.50	1.35	1.35	-1.50	0.0	1.45	1.05	1.05
	1.05	1.05	0.0	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
185	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	0.0	1.00	1.00	0.0	0.0	0.70
	0.70	0.70	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
186	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	0.0	1.00	1.00	0.0	0.0	0.70
	0.70	0.70	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
187	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	0.0	1.00	1.00	0.0	0.0	0.70
	0.70	0.70	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
188	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	0.0	1.00	1.00	0.0	0.0	0.70
	0.70	0.70	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
189	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	0.0	-1.00	1.00	0.0	0.0	0.70
	0.70	0.70	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
190	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	0.0	-1.00	1.00	0.0	0.0	0.70
	0.70	0.70	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
191	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	0.0	-1.00	1.00	0.0	0.0	0.70
	0.70	0.70	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
192	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	0.0	-1.00	1.00	0.0	0.0	0.70
	0.70	0.70	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
193	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	0.60	1.00	1.00	1.00	0.0
	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
194	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	0.60	1.00	1.00	1.00	0.0
	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
195	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	0.60	1.00	1.00	1.00	0.0
	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
196	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	0.60	1.00	1.00	1.00	0.0
	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
197	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-0.60	1.00	1.00	1.00	0.0
	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
198	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-0.60	1.00	1.00	1.00	0.0
	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
199	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-0.60	1.00	1.00	1.00	0.0
	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
200	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-0.60	1.00	1.00	1.00	0.0
	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
201	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	1.00	1.00	0.80	0.70	0.0
	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
202	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	1.00	1.00	0.80	0.70	0.0
	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
203	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	1.00	1.00	0.80	0.70	0.0
	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
204	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	1.00	1.00	0.80	0.70	0.0
	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
205	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-1.00	1.00	0.80	0.70	0.0
	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
206	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-1.00	1.00	0.80	0.70	0.0

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
207	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-1.00	1.00	0.80	0.70	0.0
	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
208	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-1.00	1.00	0.80	0.70	0.0
	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
209	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.80	0.70	0.70
	0.70	0.70	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
210	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.80	0.70	0.70
	0.70	0.70	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
211	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.80	0.70	0.70
	0.70	0.70	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
212	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.80	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
213	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	1.00	0.80	0.70	0.70
	0.70	0.70	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
214	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	1.00	0.80	0.70	0.70
	0.70	0.70	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
215	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	1.00	0.80	0.70	0.70
	0.70	0.70	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
216	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	1.00	0.80	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
217	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
218	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
219	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
220	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
221	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
222	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
223	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
224	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
225	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	0.0	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
226	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	0.0	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
227	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	0.0	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
228	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	0.0	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
229	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	0.0
	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
230	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	0.0
	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
231	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	0.0
	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
232	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	0.0
	1.00	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
233	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
234	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
235	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
236	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
237	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	0.0	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
238	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	0.0	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
239	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	0.0	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
240	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	0.0	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
241	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	0.0
	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
242	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	0.0
	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
243	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	0.0
	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
244	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	0.0
	1.00	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
245	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
246	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
247	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
248	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
249	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00
	0.0	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
250	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00
	0.0	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
251	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00
	0.0	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
252	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00
	0.0	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
253	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0
	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
254	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0
	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
255	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0
	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
256	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0
	1.00	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
257	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00
	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
258	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00
	1.00	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
259	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
260	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
261	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	1.00
	0.0	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
262	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	1.00
	0.0	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
263	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	1.00
	0.0	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
264	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	1.00
	0.0	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
265	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	0.0

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
266	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	0.0
	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
267	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	0.0
	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
268	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	0.0
	1.00	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
269	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	1.00
	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
270	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	1.00
	1.00	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
271	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
272	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	1.00	1.00
	1.00	1.00	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
273	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	0.70	0.70
	0.70	0.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
274	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
275	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
276	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
277	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	0.70	0.70
	0.70	0.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
278	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
279	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
280	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
281	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	0.70	0.70
	0.70	0.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
282	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
283	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
284	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.60	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
285	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	0.70	0.70
	0.70	0.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
286	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
287	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
288	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.60	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
289	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.70	0.70
	0.70	0.70	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
290	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
291	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
292	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
293	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	1.00	1.00	0.70	0.70
	0.70	0.70	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
294	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
295	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
296	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	1.00	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
297	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	1.00	0.70	0.70
	0.70	0.70	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
298	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
299	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
300	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
301	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	0.0	1.00	0.70	0.70
	0.70	0.70	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
302	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
303	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
304	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-1.00	0.0	1.00	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
305	1.00	1.00	1.00	1.00	0.20	1.00	1.00	0.0	0.0	0.60	1.00	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
306	1.00	1.00	1.00	1.00	0.20	1.00	1.00	0.0	0.0	-0.60	1.00	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
307	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	0.50	1.00	0.60	0.60	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
308	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-0.50	1.00	0.60	0.60	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
309	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	0.60	1.00	0.0	0.70	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
310	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-0.60	1.00	0.0	0.70	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
311	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.60	1.00	0.0	0.70	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
312	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.60	1.00	0.0	0.70	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
313	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.50	1.00	0.0	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
314	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.50	1.00	0.0	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
315	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.60	1.00	0.60	0.70	0.70
	0.0	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
316	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.60	1.00	0.60	0.70	0.0
	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
317	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.60	1.00	0.60	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
318	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.60	1.00	0.60	0.70	0.70
	0.0	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
319	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.60	1.00	0.60	0.70	0.0
	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
320	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.60	1.00	0.60	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
321	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.60	0.0	0.60	0.70	0.70
	0.0	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
322	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.60	0.0	0.60	0.70	0.0
	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
323	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.60	0.0	0.60	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
324	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.60	0.0	0.60	0.70	0.70

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
325	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.60	0.0	0.60	0.70	0.0
	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
326	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.60	0.0	0.60	0.70	0.70
	0.70	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
327	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.50	1.00	0.0	0.60	0.60
	0.60	0.60	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
328	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.50	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
329	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.50	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
330	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.50	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
331	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.50	1.00	0.0	0.60	0.60
	0.60	0.60	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
332	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.50	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
333	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.50	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
334	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.50	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
335	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.50	0.0	0.0	0.60	0.60
	0.60	0.60	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
336	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.50	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
337	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.50	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
338	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.50	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
339	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.50	0.0	0.0	0.60	0.60
	0.60	0.60	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
340	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.50	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
341	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.50	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
342	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.50	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
343	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.60	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
344	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.60	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
345	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
346	1.00	1.00	1.00	1.00	0.20	1.00	1.00	1.00	1.00	-0.60	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
347	1.00	1.00	1.00	1.00	0.0	1.00	1.00	0.0	0.0	0.50	1.00	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
348	1.00	1.00	1.00	1.00	0.0	1.00	1.00	0.0	0.0	-0.50	1.00	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
349	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	0.50	1.00	0.0	0.60	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
350	1.00	1.00	0.0	0.0	0.0	1.00	0.0	1.00	1.00	-0.50	1.00	0.0	0.60	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
351	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.50	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
352	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	-0.50	1.00	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
353	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.50	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
354	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	-0.50	0.0	0.0	0.60	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
355	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	-1.00	0.0	-0.30
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
356	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	-1.00	0.0	0.30
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
357	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	1.00	0.0	-0.30
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
358	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	1.00	0.0	0.30
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
359	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	-1.00	0.0	0.0
	-0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
360	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	-1.00	0.0	0.0
	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
361	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	1.00	0.0	0.0
	-0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
362	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	1.00	0.0	0.0
	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
363	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	-1.00	-0.30

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
364	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	0.0	-1.00	0.30
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
365	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	0.0	1.00	-0.30
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
366	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	0.0	1.00	0.30
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
367	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	-1.00	0.0
	-0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
368	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	0.0	-1.00	0.0
	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
369	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	0.0	1.00	0.0
	-0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
370	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	0.0	1.00	0.0
	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
371	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	-0.30	0.0	-1.00
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
372	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	-0.30	0.0	1.00
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
373	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	0.30	0.0	-1.00
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
374	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.30	0.0	1.00
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
375	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	-0.30	-1.00
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
376	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	0.0	-0.30	1.00
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
377	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	0.0	0.30	-1.00
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
378	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.30	1.00
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
379	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	-0.30	0.0	0.0
	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
380	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	-0.30	0.0	0.0
	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
381	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	0.30	0.0	0.0
	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
382	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.30	0.0	0.0
	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
383	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	-0.30	0.0
	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
384	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	0.0	-0.30	0.0
	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
385	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	0.0	0.30	0.0
	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
386	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.30	0.0
	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
387	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0					
388	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0					
389	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0					
390	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0					
391	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0					
392	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0					
393	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0					
394	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0					
395	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.00	-0.30	0.0	0.0	0.0	0.0	0.0					
396	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.00	0.30	0.0	0.0	0.0	0.0	0.0					
397	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	-0.30	0.0	0.0	0.0	0.0	0.0					
398	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0					
399	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0					
400	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0					
401	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0					
402	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0					

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
403	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0					
404	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0					
405	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0					
406	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0					
407	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.30	-1.00	0.0	0.0	0.0	0.0	0.0					
408	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.30	1.00	0.0	0.0	0.0	0.0	0.0					
409	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.30	-1.00	0.0	0.0	0.0	0.0	0.0					
410	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.30	1.00	0.0	0.0	0.0	0.0	0.0					
411	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0					
412	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0					
413	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0					
414	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0					
415	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0					
416	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0					
417	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0					
418	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0					
419	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0					
420	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0					
421	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0					
422	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
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Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0					
423	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	-0.30					
424	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.30					
425	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	-0.30					
426	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30					
427	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	-0.30	0.0					
428	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.30	0.0					
429	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0					
430	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0					
431	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30					
432	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30					
433	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30					
434	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30					
435	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0					
436	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0					
437	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0					
438	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0					
439	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	-1.00	0.0					
440	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	1.00	0.0					
441	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.30	-1.00	0.0					
442	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60

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Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0					
443	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	-1.00					
444	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	1.00					
445	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	-1.00					
446	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00					
447	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00					
448	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00					
449	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00					
450	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.60
	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00					

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AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

L'azione sismica sulle costruzioni è valutata a partire dalla "pericolosità sismica di base", in condizioni ideali di sito di riferimento rigido con superficie topografica orizzontale.
Allo stato attuale, la pericolosità sismica su reticolo di riferimento nell'intervallo di riferimento è fornita dai dati pubblicati sul sito http://esse1.mi.ingv.it/. Per punti non coincidenti con il reticolo di riferimento e periodi di ritorno non contemplati direttamente si opera come indicato nell' allegato alle NTC (rispettivamente media pesata e interpolazione).

L' azione sismica viene definita in relazione ad un periodo di riferimento Vr che si ricava, per ciascun tipo di costruzione, moltiplicandone la vita nominale per il coefficiente d'uso (vedi tabella Parametri della struttura). Fissato il periodo di riferimento Vr e la probabilità di superamento Pver associata a ciascuno degli stati limite considerati, si ottiene il periodo di ritorno Tr e i relativi parametri di pericolosità sismica (vedi tabella successiva):

ag: accelerazione orizzontale massima del terreno;
Fo: valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;
T*c: periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale;

Parametri della struttura					
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]	Tipo di suolo	Categoria topografica
III	75.0	1.5	112.5	C	T1

Individuati su reticolo di riferimento i parametri di pericolosità sismica si valutano i parametri spettrali riportati in tabella:
S è il coefficiente che tiene conto della categoria di sottosuolo e delle condizioni topografiche mediante la relazione seguente S = Ss*St (3.2.5)
Fo è il fattore che quantifica l'amplificazione spettrale massima, su sito di riferimento rigido orizzontale
Fv è il fattore che quantifica l'amplificazione spettrale massima verticale, in termini di accelerazione orizzontale massima del terreno ag su sito di riferimento rigido orizzontale
Tb è il periodo corrispondente all'inizio del tratto dello spettro ad accelerazione costante.
Tc è il periodo corrispondente all'inizio del tratto dello spettro a velocità costante.
Td è il periodo corrispondente all'inizio del tratto dello spettro a spostamento costante.

Id nodo	**Longitudine**	**Latitudine**	**Distanza**
			Km
Loc.	15.046	41.942	
28328	15.036	41.925	2.231
28329	15.103	41.924	5.132
28107	15.104	41.974	5.837
28106	15.037	41.975	3.613

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SL	**Pver**	**Tr**	**ag**	**Fo**	**T*c**
		Anni	g		sec
SLO	81.0	67.7	0.064	2.495	0.326
SLD	63.0	113.2	0.081	2.547	0.334
SLV	10.0	1067.8	0.190	2.538	0.380
SLC	5.0	2193.3	0.245	2.516	0.386

SL	**ag**	**S**	**Fo**	**Fv**	**Tb**	**Tc**	**Td**
	g				sec	sec	sec
SLO	0.064	1.500	2.495	0.855	0.165	0.496	1.858
SLD	0.081	1.500	2.547	0.976	0.168	0.504	1.922
SLV	0.190	1.411	2.538	1.492	0.183	0.549	2.358
SLC	0.245	1.330	2.516	1.681	0.185	0.555	2.580

RISULTATI ANALISI SISMICHE

LEGENDA TABELLA ANALISI SISMICHE

Il programma consente l'analisi di diverse configurazioni sismiche.

Sono previsti, infatti, i seguenti casi di carico:

9. Esk caso di carico sismico con analisi statica equivalente
10. Edk caso di carico sismico con analisi dinamica

Ciascun caso di carico è caratterizzato da un angolo di ingresso e da una configurazione di masse determinante la forza sismica complessiva (si rimanda al capitolo relativo ai casi di carico per chiarimenti inerenti questo aspetto).

Nella colonna Note, in funzione della norma in uso sono riportati i parametri fondamentali che caratterizzano l' azione sismica: in particolare possono essere presenti i seguenti valori:

Angolo di ingresso	Angolo di ingresso dell'azione sismica orizzontale
Fattore di importanza	Fattore di importanza dell'edificio, in base alla categoria di appartenenza
Zona sismica	Zona sismica
Accelerazione ag	Accelerazione orizzontale massima sul suolo
Categoria suolo	Categoria di profilo stratigrafico del suolo di fondazione
Fattore di struttura q	Fattore dipendente dalla tipologia strutturale
Fattore di sito S	Fattore dipendente dalla stratigrafia e dal profilo topografico
Classe di duttilità CD	Classe di duttilità della struttura – "A" duttilità alta, "B" duttilità bassa
Fattore riduz. SLD	Fattore di riduzione dello spettro elastico per lo stato limite di danno
Periodo proprio T1	Periodo proprio di vibrazione della struttura
Coefficiente Lambda	Coefficiente dipendente dal periodo proprio T1 e dal numero di piani della struttura
Ordinata spettro Sd(T1)	Valore delle ordinate dello spettro di progetto per lo stato limite ultimo, componente orizzontale (verticale Svd)
Ordinata spettro Se(T1)	Valore delle ordinate dello spettro elastico ridotta del fattore SLD per lo stato limite di danno, componente orizzontale (verticale Sve)
Ordinata spettro S (Tb-Tc)	Valore dell' ordinata dello spettro in uso nel tratto costante
numero di modi considerati	Numero di modi di vibrare della struttura considerati nell'analisi dinamica

Per ciascun caso di carico sismico viene riportato l'insieme di dati sotto riportati (le masse sono espresse in unità di forza):

a) **analisi sismica statica equivalente**:
- quota, posizione del centro di applicazione e azione orizzontale risultante, posizione del baricentro delle rigidezze, rapporto r/Ls (per strutture a nucleo), indici di regolarità e/r secondo EC8 4.2.3.2
- azione sismica complessiva

b) **analisi sismica dinamica con spettro di risposta**:
- quota, posizione del centro di massa e massa risultante, posizione del baricentro delle rigidezze, rapporto r/Ls (per strutture a nucleo) **,** indici di regolarità e/r secondo EC8 4.2.3.2
- frequenza, periodo, accelerazione spettrale, massa eccitata nelle tre direzioni globali per tutti i modi
- massa complessiva ed aliquota di massa complessiva eccitata.

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Per ciascuna combinazione sismica definita SLD o SLO viene riportato il livello di deformazione etaT (dr) degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso anche in unità 1000*etaT/h da confrontare direttamente con i valori forniti nella norma (es. 5 per edifici con tamponamenti collegati rigidamente alla struttura, 10.0 per edifici con tamponamenti collegati elasticamente, 3 per edifici in muratura ordinaria, 4 per edifici in muratura armata).

Qualora si applichi il D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento") l'analisi sismica dinamica può essere comprensiva di sollecitazione verticale contemporanea a quella orizzontale, nel qual caso è effettuata una sovrapposizione degli effetti in ragione della radice dei quadrati degli effetti stessi. Per ciascuna combinazione sismica - analisi effettuate con il D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento") - viene riportato il livello di deformazione etaT, etaP e etaD degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso in unità 1000*etaT/h da confrontare direttamente con il valore 2 o 4 per la verifica.

Per gli edifici sismicamente isolati si riportano di seguito le verifiche condotte sui dispositivi di isolamento. Le verifiche sono effettuate secondo l' allegato 10.A dell'Ordinanza 3274 e smi. In particolare la tabella, per ogni combinazione SLU (SLC per il DM 14-01-2008) sismica riporta il codice di verifica e i valori utilizzati per la verifica: spostamento dE, area ridotta e dimensione A2, azione verticale, deformazioni di taglio dell' elastomero e tensioni nell' acciaio.

Nodo	Nodo di appoggio dell' isolatore
Cmb	Combinazione oggetto della verifica
Verif.	Codice di verifica ok – verifica positiva , NV – verifica negativa, ND – verifica non completata
dE	Spostamento relativo tra le due facce (amplificato del 20% per Ordinanza 3274 e smi) combinato con la regola del

	30%
Ang fi	Angolo utilizzato per il calcolo dell' area ridotta Ar (per dispositivi circolari)
V	Azione verticale agente
Ar	Area ridotta efficace
Dim A2	Dimensione utile per il calcolo della deformazione per rotazione
Sig s	Tensione nell' inserto in acciaio
Gam c(a,s,t)	Deformazioni di taglio dell' elastomero
Vcr	Carico critico per instabilità

Affinché la verifica sia positiva deve essere:

1) V > 0
2) Sig s < fyk
3) Gam t < 5
4) Gam s < Gam * (caratteristica dell' elastomero)
5) Gam s < 2
6) V < 0.5 Vcr

CDC	Tipo	Sigla Id	Note
26	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	
			categoria suolo: C
			fattore di sito S = 1.411
			ordinata spettro (tratto Tb-Tc) = 0.679 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.797 sec.
			fattore q: 1.000
			amplificazione ND (non dissipativi): 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
18.20	34.77	3.25	0.77	0.0	-0.10	3.25	0.75	0.719	0.0	0.020
17.86	118.70	3.25	30.82	0.0	-0.84	0.0	0.0	0.0	0.0	0.0
16.47	304.36	3.25	31.27	0.0	-0.84	3.25	30.77	1.142	1.4830e-06	0.082
16.36	204.12	3.25	13.13	0.0	-0.97	3.25	13.36	1.107	0.0	0.036
16.16	9.84	3.25	2.85	0.0	0.0	3.25	2.85	1.732	1.0777e-06	1.2008e-06
14.80	45.31	3.25	14.53	0.0	-1.36	3.25	14.53	1.586	0.0	0.0
14.55	26.18	3.25	0.74	0.0	-0.10	3.25	0.75	0.719	0.0	0.005
13.40	137.18	3.25	14.14	0.0	-0.80	3.25	14.09	1.205	0.0	0.009
13.06	40.61	3.25	14.72	0.0	-1.36	3.25	14.53	1.586	0.0	0.015
11.80	22.66	3.25	0.75	0.0	-0.10	3.25	0.75	0.719	0.0	0.0
11.20	252.19	3.25	3.82	0.0	-0.25	3.25	1.33	1.227	3.4812e-05	0.719
11.10	2384.05	3.25	24.27	0.0	-1.67	3.25	24.59	1.037	4.2610e-05	0.032
10.95	116.57	3.25	2.69	0.0	-0.25	3.25	1.33	1.227	0.0	0.393
10.80	182.62	3.25	25.04	0.0	-1.64	3.25	23.29	1.123	0.0	0.160
10.60	240.96	3.25	22.30	0.0	-1.67	3.25	23.29	1.125	0.0	0.091
10.50	149.87	3.25	2.69	0.0	-0.25	3.25	1.33	1.227	0.0	0.393
10.10	13.29	3.25	20.37	0.0	-1.33	3.25	20.37	1.438	0.0	0.0
10.05	149.87	3.25	2.69	0.0	-0.25	3.25	1.33	1.227	0.0	0.393
9.95	30.09	3.25	20.37	0.0	-1.33	3.25	20.37	1.438	0.0	0.0
9.74	36.11	3.25	17.26	0.0	-1.36	3.25	14.53	1.586	0.0	0.218
9.60	348.15	3.25	12.51	0.0	-1.62	3.25	21.42	1.234	0.0	0.758
9.13	251.71	3.25	17.65	0.0	-0.94	3.25	14.41	1.442	0.0	0.397
9.11	261.13	3.25	12.17	0.0	-1.62	3.25	29.32	1.041	6.1605e-06	1.727
9.05	22.95	3.25	0.75	0.0	-0.10	3.25	0.75	0.719	0.0	0.004

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Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
8.65	251.59	3.25	17.66	0.0	-0.94	3.25	14.41	1.442	0.0	0.398
8.61	260.75	3.25	12.17	0.0	-1.62	3.25	29.32	1.041	1.2339e-05	1.726
8.18	347.16	3.25	16.52	0.0	-0.94	3.25	14.38	1.442	0.0	0.262
8.12	253.29	3.25	12.33	0.0	-1.62	3.25	29.32	1.041	6.3512e-06	1.710
8.08	26.13	3.25	19.08	0.0	-1.36	3.25	14.53	1.586	0.0	0.364
7.70	92.34	3.25	23.91	0.0	-0.17	3.25	24.25	1.463	0.0	0.068
7.62	261.56	3.25	12.16	0.0	-1.62	3.25	29.32	1.041	2.1913e-05	1.727
7.60	109.88	3.25	13.87	0.0	-0.80	0.0	0.0	0.0	0.0	0.0
7.23	114.20	3.25	23.79	0.0	-0.17	3.25	23.76	1.478	0.0	0.004
7.20	3.38	3.82	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.13	276.32	3.24	11.86	0.0	-1.62	3.25	31.20	0.726	7.3404e-04	2.793
6.73	77.21	3.25	23.12	0.0	-0.14	3.25	23.00	1.544	0.0	0.017
6.63	277.35	3.25	11.82	0.0	-1.62	3.25	29.12	1.071	5.9452e-05	1.693
6.53	65.29	3.25	26.12	0.0	-0.19	3.25	25.94	1.220	0.0	0.072
6.42	21.14	3.25	17.30	0.0	-1.36	3.25	14.53	1.586	0.0	0.222
6.25	6.00	3.25	-0.20	0.0	0.0	3.25	-0.20	0.413	0.0	0.0
6.23	153.70	3.25	24.73	0.0	-0.35	3.25	24.33	1.012	0.0	0.052
6.20	301.49	3.25	0.76	0.0	-0.10	0.0	0.0	0.0	0.0	0.0
6.14	271.51	3.25	12.06	0.0	-1.62	3.25	29.15	1.068	0.0	1.677
6.03	20.88	3.25	27.66	0.0	-0.15	3.25	26.94	1.075	0.0	0.527
5.72	187.99	3.25	25.18	0.0	-0.35	3.25	27.16	0.988	0.0	0.374
5.64	277.94	3.25	11.80	0.0	-1.62	3.25	29.12	1.071	0.0	1.696
5.22	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
5.15	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
4.76	12.43	3.25	13.86	0.0	-1.36	3.25	14.53	1.586	0.0	0.054
4.72	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
4.66	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
4.22	192.67	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
4.16	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
3.71	196.35	3.25	25.27	0.0	-0.35	3.25	24.27	1.071	0.0	0.131
3.67	281.12	3.25	11.69	0.0	-1.62	3.25	31.20	0.726	0.0	2.817
3.21	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
3.17	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
3.10	11.69	3.25	14.61	0.0	-1.36	3.25	14.53	1.586	0.0	0.006
2.71	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
2.68	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
2.21	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
2.18	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
1.70	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
1.69	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
1.20	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
1.19	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
0.70	403.27	3.25	17.27	0.0	-1.62	3.25	28.86	1.043	0.0	1.164
0.35	332.06	3.25	17.27	0.0	-1.62	3.25	31.36	0.624	0.0	2.368
Risulta	1.404e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.255	0.797	0.468	1.017e+04	72.5	0.01	7.64e-05	5.31e-03	3.78e-05	0.0	0.0
2	2.461	0.406	0.679	238.77	1.7	1.37	9.76e-03	0.07	5.23e-04	0.0	0.0
3	2.525	0.396	0.679	0.35	2.50e-03	6381.85	45.5	147.42	1.1	0.0	0.0
4	2.955	0.338	0.679	0.03	2.22e-04	2731.52	19.5	1007.78	7.2	0.0	0.0
5	3.237	0.309	0.679	0.04	2.91e-04	1011.91	7.2	79.08	0.6	0.0	0.0

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Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
6	5.161	0.194	0.679	0.80	5.73e-03	899.35	6.4	4483.28	31.9	0.0	0.0
7	5.533	0.181	0.674	2.63	1.87e-02	2526.46	18.0	3505.16	25.0	0.0	0.0
8	6.238	0.160	0.628	2797.47	19.9	3.40	2.42e-02	1.14	8.12e-03	0.0	0.0
9	6.946	0.144	0.591	0.11	7.74e-04	68.96	0.5	4727.65	33.7	0.0	0.0
Risulta				1.321e+04		1.362e+04		1.395e+04			
In percentuale				94.11		97.05		99.38			

CDC	Tipo	Sigla Id	Note
27	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	
			categoria suolo: C
			fattore di sito S = 1.411
			ordinata spettro (tratto Tb-Tc) = 0.679 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.802 sec.
			fattore q: 1.000
			amplificazione ND (non dissipativi): 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
18.20	34.77	3.25	0.77	0.0	0.10	3.25	0.75	0.719	0.0	0.020
17.86	118.70	3.25	30.82	0.0	0.84	0.0	0.0	0.0	0.0	0.0
16.47	304.36	3.25	31.27	0.0	0.84	3.25	30.77	1.142	1.4830e-06	0.082
16.36	204.12	3.25	13.13	0.0	0.97	3.25	13.36	1.107	0.0	0.036
16.16	9.84	3.25	2.85	0.0	0.0	3.25	2.85	1.732	1.0777e-06	1.2008e-06
14.80	45.31	3.25	14.53	0.0	1.36	3.25	14.53	1.586	0.0	0.0
14.55	26.18	3.25	0.74	0.0	0.10	3.25	0.75	0.719	0.0	0.005
13.40	137.18	3.25	14.14	0.0	0.80	3.25	14.09	1.205	0.0	0.009
13.06	40.61	3.25	14.72	0.0	1.36	3.25	14.53	1.586	0.0	0.015
11.80	22.66	3.25	0.75	0.0	0.10	3.25	0.75	0.719	0.0	0.0
11.20	252.19	3.25	3.82	0.0	0.25	3.25	1.33	1.227	3.4812e-05	0.719
11.10	2384.05	3.25	24.27	0.0	1.67	3.25	24.59	1.037	4.2610e-05	0.032
10.95	116.57	3.25	2.69	0.0	0.25	3.25	1.33	1.227	0.0	0.393
10.80	182.62	3.25	25.04	0.0	1.64	3.25	23.29	1.123	0.0	0.160
10.60	240.96	3.25	22.30	0.0	1.67	3.25	23.29	1.125	0.0	0.091
10.50	149.87	3.25	2.69	0.0	0.25	3.25	1.33	1.227	0.0	0.393
10.10	13.29	3.25	20.37	0.0	1.33	3.25	20.37	1.438	0.0	0.0
10.05	149.87	3.25	2.69	0.0	0.25	3.25	1.33	1.227	0.0	0.393
9.95	30.09	3.25	20.37	0.0	1.33	3.25	20.37	1.438	0.0	0.0
9.74	36.11	3.25	17.26	0.0	1.36	3.25	14.53	1.586	0.0	0.218
9.60	348.15	3.25	12.51	0.0	1.62	3.25	21.42	1.234	0.0	0.758
9.13	251.71	3.25	17.65	0.0	0.94	3.25	14.41	1.442	0.0	0.397
9.11	261.13	3.25	12.17	0.0	1.62	3.25	29.32	1.041	6.1605e-06	1.727
9.05	22.95	3.25	0.75	0.0	0.10	3.25	0.75	0.719	0.0	0.004
8.65	251.59	3.25	17.66	0.0	0.94	3.25	14.41	1.442	0.0	0.398
8.61	260.75	3.25	12.17	0.0	1.62	3.25	29.32	1.041	1.2339e-05	1.726
8.18	347.16	3.25	16.52	0.0	0.94	3.25	14.38	1.442	0.0	0.262
8.12	253.29	3.25	12.33	0.0	1.62	3.25	29.32	1.041	6.3512e-06	1.710

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Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
8.08	26.13	3.25	19.08	0.0	1.36	3.25	14.53	1.586	0.0	0.364
7.70	92.34	3.25	23.91	0.0	0.17	3.25	24.25	1.463	0.0	0.068
7.62	261.56	3.25	12.16	0.0	1.62	3.25	29.32	1.041	2.1913e-05	1.727
7.60	109.88	3.25	13.87	0.0	0.80	0.0	0.0	0.0	0.0	0.0
7.23	114.20	3.25	23.79	0.0	0.17	3.25	23.76	1.478	0.0	0.004
7.20	3.38	3.82	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.13	276.32	3.24	11.86	0.0	1.62	3.25	31.20	0.726	7.3404e-04	2.793
6.73	77.21	3.25	23.12	0.0	0.14	3.25	23.00	1.544	0.0	0.017
6.63	277.35	3.25	11.82	0.0	1.62	3.25	29.12	1.071	5.9452e-05	1.693
6.53	65.29	3.25	26.12	0.0	0.19	3.25	25.94	1.220	0.0	0.072
6.42	21.14	3.25	17.30	0.0	1.36	3.25	14.53	1.586	0.0	0.222
6.25	6.00	3.25	-0.20	0.0	0.0	3.25	-0.20	0.413	0.0	0.0
6.23	153.70	3.25	24.73	0.0	0.35	3.25	24.33	1.012	0.0	0.052
6.20	301.49	3.25	0.76	0.0	0.10	0.0	0.0	0.0	0.0	0.0
6.14	271.51	3.25	12.06	0.0	1.62	3.25	29.15	1.068	0.0	1.677
6.03	20.88	3.25	27.66	0.0	0.15	3.25	26.94	1.075	0.0	0.527
5.72	187.99	3.25	25.18	0.0	0.35	3.25	27.16	0.988	0.0	0.374
5.64	277.94	3.25	11.80	0.0	1.62	3.25	29.12	1.071	0.0	1.696
5.22	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
5.15	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
4.76	12.43	3.25	13.86	0.0	1.36	3.25	14.53	1.586	0.0	0.054
4.72	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
4.66	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
4.22	192.67	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
4.16	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
3.71	196.35	3.25	25.27	0.0	0.35	3.25	24.27	1.071	0.0	0.131
3.67	281.12	3.25	11.69	0.0	1.62	3.25	31.20	0.726	0.0	2.817
3.21	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
3.17	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
3.10	11.69	3.25	14.61	0.0	1.36	3.25	14.53	1.586	0.0	0.006
2.71	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
2.68	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
2.21	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
2.18	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
1.70	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
1.69	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
1.20	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
1.19	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
0.70	403.27	3.25	17.27	0.0	1.62	3.25	28.86	1.043	0.0	1.164
0.35	332.06	3.25	17.27	0.0	1.62	3.25	31.36	0.624	0.0	2.368
Risulta	1.404e+04									

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Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.247	0.802	0.465	1.003e+04	71.5	9.57e-03	6.81e-05	3.87e-03	2.76e-05	0.0	0.0
2	2.452	0.408	0.679	334.19	2.4	5.77	4.11e-02	0.24	1.74e-03	0.0	0.0
3	2.525	0.396	0.679	0.99	7.04e-03	6378.11	45.4	147.24	1.0	0.0	0.0
4	2.955	0.338	0.679	0.05	3.90e-04	2730.75	19.5	1007.89	7.2	0.0	0.0
5	3.237	0.309	0.679	0.02	1.46e-04	1012.24	7.2	78.99	0.6	0.0	0.0
6	5.161	0.194	0.679	2.12e-04	1.51e-06	896.58	6.4	4487.65	32.0	0.0	0.0
7	5.533	0.181	0.674	1.82	1.30e-02	2531.25	18.0	3492.58	24.9	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
8	6.131	0.163	0.634	2838.65	20.2	0.85	6.07e-03	12.54	8.93e-02	0.0	0.0
9	6.946	0.144	0.591	2.99	2.13e-02	69.23	0.5	4724.39	33.7	0.0	0.0
Risulta				1.321e+04		1.362e+04		1.395e+04			
In percentuale				94.10		97.05		99.38			

CDC	Tipo	Sigla Id	Note
28	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	
			categoria suolo: C
			fattore di sito S = 1.411
			ordinata spettro (tratto Tb-Tc) = 0.679 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.398 sec.
			fattore q: 1.000
			amplificazione ND (non dissipativi): 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
18.20	34.77	3.25	0.77	0.25	0.0	3.25	0.75	0.719	0.0	0.020
17.86	118.70	3.25	30.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.47	304.36	3.25	31.27	0.38	0.0	3.25	30.77	1.142	1.4830e-06	0.082
16.36	204.12	3.25	13.13	0.25	0.0	3.25	13.36	1.107	0.0	0.036
16.16	9.84	3.25	2.85	0.25	0.0	3.25	2.85	1.732	1.0777e-06	1.2008e-06
14.80	45.31	3.25	14.53	0.11	0.0	3.25	14.53	1.586	0.0	0.0
14.55	26.18	3.25	0.74	0.25	0.0	3.25	0.75	0.719	0.0	0.005
13.40	137.18	3.25	14.14	0.25	0.0	3.25	14.09	1.205	0.0	0.009
13.06	40.61	3.25	14.72	0.11	0.0	3.25	14.53	1.586	0.0	0.015
11.80	22.66	3.25	0.75	0.25	0.0	3.25	0.75	0.719	0.0	0.0
11.20	252.19	3.25	3.82	0.28	0.0	3.25	1.33	1.227	3.4812e-05	0.719
11.10	2384.05	3.25	24.27	0.42	0.0	3.25	24.59	1.037	4.2610e-05	0.032
10.95	116.57	3.25	2.69	0.28	0.0	3.25	1.33	1.227	0.0	0.393
10.80	182.62	3.25	25.04	0.42	0.0	3.25	23.29	1.123	0.0	0.160
10.60	240.96	3.25	22.30	0.28	0.0	3.25	23.29	1.125	0.0	0.091
10.50	149.87	3.25	2.69	0.28	0.0	3.25	1.33	1.227	0.0	0.393
10.10	13.29	3.25	20.37	0.28	0.0	3.25	20.37	1.438	0.0	0.0
10.05	149.87	3.25	2.69	0.28	0.0	3.25	1.33	1.227	0.0	0.393
9.95	30.09	3.25	20.37	0.28	0.0	3.25	20.37	1.438	0.0	0.0
9.74	36.11	3.25	17.26	0.11	0.0	3.25	14.53	1.586	0.0	0.218
9.60	348.15	3.25	12.51	0.33	0.0	3.25	21.42	1.234	0.0	0.758
9.13	251.71	3.25	17.65	0.28	0.0	3.25	14.41	1.442	0.0	0.397
9.11	261.13	3.25	12.17	0.33	0.0	3.25	29.32	1.041	6.1605e-06	1.727
9.05	22.95	3.25	0.75	0.25	0.0	3.25	0.75	0.719	0.0	0.004
8.65	251.59	3.25	17.66	0.28	0.0	3.25	14.41	1.442	0.0	0.398
8.61	260.75	3.25	12.17	0.33	0.0	3.25	29.32	1.041	1.2339e-05	1.726
8.18	347.16	3.25	16.52	0.28	0.0	3.25	14.38	1.442	0.0	0.262
8.12	253.29	3.25	12.33	0.33	0.0	3.25	29.32	1.041	6.3512e-06	1.710
8.08	26.13	3.25	19.08	0.11	0.0	3.25	14.53	1.586	0.0	0.364
7.70	92.34	3.25	23.91	0.28	0.0	3.25	24.25	1.463	0.0	0.068
7.62	261.56	3.25	12.16	0.33	0.0	3.25	29.32	1.041	2.1913e-05	1.727

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Facchini Massimo
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Seriale Certificato: 2702585
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Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
7.60	109.88	3.25	13.87	0.28	0.0	0.0	0.0	0.0	0.0	0.0
7.23	114.20	3.25	23.79	0.28	0.0	3.25	23.76	1.478	0.0	0.004
7.20	3.38	3.82	0.75	0.15	0.0	0.0	0.0	0.0	0.0	0.0
7.13	276.32	3.24	11.86	0.33	0.0	3.25	31.20	0.726	7.3404e-04	2.793
6.73	77.21	3.25	23.12	0.28	0.0	3.25	23.00	1.544	0.0	0.017
6.63	277.35	3.25	11.82	0.33	0.0	3.25	29.12	1.071	5.9452e-05	1.693
6.53	65.29	3.25	26.12	0.28	0.0	3.25	25.94	1.220	0.0	0.072
6.42	21.14	3.25	17.30	0.11	0.0	3.25	14.53	1.586	0.0	0.222
6.25	6.00	3.25	-0.20	0.25	0.0	3.25	-0.20	0.413	0.0	0.0
6.23	153.70	3.25	24.73	0.28	0.0	3.25	24.33	1.012	0.0	0.052
6.20	301.49	3.25	0.76	0.25	0.0	0.0	0.0	0.0	0.0	0.0
6.14	271.51	3.25	12.06	0.33	0.0	3.25	29.15	1.068	0.0	1.677
6.03	20.88	3.25	27.66	0.16	0.0	3.25	26.94	1.075	0.0	0.527
5.72	187.99	3.25	25.18	0.28	0.0	3.25	27.16	0.988	0.0	0.374
5.64	277.94	3.25	11.80	0.33	0.0	3.25	29.12	1.071	0.0	1.696
5.22	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
5.15	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
4.76	12.43	3.25	13.86	0.11	0.0	3.25	14.53	1.586	0.0	0.054
4.72	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
4.66	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
4.22	192.67	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
4.16	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
3.71	196.35	3.25	25.27	0.28	0.0	3.25	24.27	1.071	0.0	0.131
3.67	281.12	3.25	11.69	0.33	0.0	3.25	31.20	0.726	0.0	2.817
3.21	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
3.17	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
3.10	11.69	3.25	14.61	0.11	0.0	3.25	14.53	1.586	0.0	0.006
2.71	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
2.68	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
2.21	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
2.18	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
1.70	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
1.69	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
1.20	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
1.19	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
0.70	403.27	3.25	17.27	0.33	0.0	3.25	28.86	1.043	0.0	1.164
0.35	332.06	3.25	17.27	0.33	0.0	3.25	31.36	0.624	0.0	2.368
Risulta	1.404e+04									

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Facchini Massimo
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Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.254	0.798	0.467	1.011e+04	72.0	0.04	3.08e-04	4.32e-03	3.08e-05	0.0	0.0
2	2.464	0.406	0.679	216.51	1.5	1229.02	8.8	22.66	0.2	0.0	0.0
3	2.512	0.398	0.679	62.96	0.4	4201.53	29.9	94.55	0.7	0.0	0.0
4	2.794	0.358	0.679	1.13	8.03e-03	1479.68	10.5	88.21	0.6	0.0	0.0
5	2.954	0.339	0.679	2.49e-03	1.77e-05	2948.46	21.0	972.22	6.9	0.0	0.0
6	4.901	0.204	0.679	0.03	1.86e-04	344.49	2.5	3780.94	26.9	0.0	0.0
7	5.256	0.190	0.679	3.18	2.27e-02	3279.77	23.4	504.35	3.6	0.0	0.0
8	6.287	0.159	0.625	2868.54	20.4	2.97	2.11e-02	1.65	1.17e-02	0.0	0.0
9	6.331	0.158	0.623	0.20	1.45e-03	66.98	0.5	8406.72	59.9	0.0	0.0
Risulta				1.326e+04		1.355e+04		1.387e+04			

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
In percentuale				94.48		96.54		98.80			

CDC	Tipo	Sigla Id	Note
29	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	
			categoria suolo: C
			fattore di sito S = 1.411
			ordinata spettro (tratto Tb-Tc) = 0.679 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.398 sec.
			fattore q: 1.000
			amplificazione ND (non dissipativi): 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
18.20	34.77	3.25	0.77	-0.25	0.0	3.25	0.75	0.719	0.0	0.020
17.86	118.70	3.25	30.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.47	304.36	3.25	31.27	-0.38	0.0	3.25	30.77	1.142	1.4830e-06	0.082
16.36	204.12	3.25	13.13	-0.25	0.0	3.25	13.36	1.107	0.0	0.036
16.16	9.84	3.25	2.85	-0.25	0.0	3.25	2.85	1.732	1.0777e-06	1.2008e-06
14.80	45.31	3.25	14.53	-0.11	0.0	3.25	14.53	1.586	0.0	0.0
14.55	26.18	3.25	0.74	-0.25	0.0	3.25	0.75	0.719	0.0	0.005
13.40	137.18	3.25	14.14	-0.25	0.0	3.25	14.09	1.205	0.0	0.009
13.06	40.61	3.25	14.72	-0.11	0.0	3.25	14.53	1.586	0.0	0.015
11.80	22.66	3.25	0.75	-0.25	0.0	3.25	0.75	0.719	0.0	0.0
11.20	252.19	3.25	3.82	-0.28	0.0	3.25	1.33	1.227	3.4812e-05	0.719
11.10	2384.05	3.25	24.27	-0.42	0.0	3.25	24.59	1.037	4.2610e-05	0.032
10.95	116.57	3.25	2.69	-0.28	0.0	3.25	1.33	1.227	0.0	0.393
10.80	182.62	3.25	25.04	-0.42	0.0	3.25	23.29	1.123	0.0	0.160
10.60	240.96	3.25	22.30	-0.28	0.0	3.25	23.29	1.125	0.0	0.091
10.50	149.87	3.25	2.69	-0.28	0.0	3.25	1.33	1.227	0.0	0.393
10.10	13.29	3.25	20.37	-0.28	0.0	3.25	20.37	1.438	0.0	0.0
10.05	149.87	3.25	2.69	-0.28	0.0	3.25	1.33	1.227	0.0	0.393
9.95	30.09	3.25	20.37	-0.28	0.0	3.25	20.37	1.438	0.0	0.0
9.74	36.11	3.25	17.26	-0.11	0.0	3.25	14.53	1.586	0.0	0.218
9.60	348.15	3.25	12.51	-0.33	0.0	3.25	21.42	1.234	0.0	0.758
9.13	251.71	3.25	17.65	-0.28	0.0	3.25	14.41	1.442	0.0	0.397
9.11	261.13	3.25	12.17	-0.33	0.0	3.25	29.32	1.041	6.1605e-06	1.727
9.05	22.95	3.25	0.75	-0.25	0.0	3.25	0.75	0.719	0.0	0.004
8.65	251.59	3.25	17.66	-0.28	0.0	3.25	14.41	1.442	0.0	0.398
8.61	260.75	3.25	12.17	-0.33	0.0	3.25	29.32	1.041	1.2339e-05	1.726
8.18	347.16	3.25	16.52	-0.28	0.0	3.25	14.38	1.442	0.0	0.262
8.12	253.29	3.25	12.33	-0.33	0.0	3.25	29.32	1.041	6.3512e-06	1.710
8.08	26.13	3.25	19.08	-0.11	0.0	3.25	14.53	1.586	0.0	0.364
7.70	92.34	3.25	23.91	-0.28	0.0	3.25	24.25	1.463	0.0	0.068
7.62	261.56	3.25	12.16	-0.33	0.0	3.25	29.32	1.041	2.1913e-05	1.727
7.60	109.88	3.25	13.87	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
7.23	114.20	3.25	23.79	-0.28	0.0	3.25	23.76	1.478	0.0	0.004
7.20	3.38	3.82	0.75	-0.15	0.0	0.0	0.0	0.0	0.0	0.0
7.13	276.32	3.24	11.86	-0.33	0.0	3.25	31.20	0.726	7.3404e-04	2.793
6.73	77.21	3.25	23.12	-0.28	0.0	3.25	23.00	1.544	0.0	0.017

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Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
6.63	277.35	3.25	11.82	-0.33	0.0	3.25	29.12	1.071	5.9452e-05	1.693
6.53	65.29	3.25	26.12	-0.28	0.0	3.25	25.94	1.220	0.0	0.072
6.42	21.14	3.25	17.30	-0.11	0.0	3.25	14.53	1.586	0.0	0.222
6.25	6.00	3.25	-0.20	-0.25	0.0	3.25	-0.20	0.413	0.0	0.0
6.23	153.70	3.25	24.73	-0.28	0.0	3.25	24.33	1.012	0.0	0.052
6.20	301.49	3.25	0.76	-0.25	0.0	0.0	0.0	0.0	0.0	0.0
6.14	271.51	3.25	12.06	-0.33	0.0	3.25	29.15	1.068	0.0	1.677
6.03	20.88	3.25	27.66	-0.16	0.0	3.25	26.94	1.075	0.0	0.527
5.72	187.99	3.25	25.18	-0.28	0.0	3.25	27.16	0.988	0.0	0.374
5.64	277.94	3.25	11.80	-0.33	0.0	3.25	29.12	1.071	0.0	1.696
5.22	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
5.15	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
4.76	12.43	3.25	13.86	-0.11	0.0	3.25	14.53	1.586	0.0	0.054
4.72	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
4.66	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
4.22	192.67	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
4.16	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
3.71	196.35	3.25	25.27	-0.28	0.0	3.25	24.27	1.071	0.0	0.131
3.67	281.12	3.25	11.69	-0.33	0.0	3.25	31.20	0.726	0.0	2.817
3.21	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
3.17	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
3.10	11.69	3.25	14.61	-0.11	0.0	3.25	14.53	1.586	0.0	0.006
2.71	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
2.68	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
2.21	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
2.18	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
1.70	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
1.69	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
1.20	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
1.19	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
0.70	403.27	3.25	17.27	-0.33	0.0	3.25	28.86	1.043	0.0	1.164
0.35	332.06	3.25	17.27	-0.33	0.0	3.25	31.36	0.624	0.0	2.368
Risulta	1.404e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.254	0.798	0.467	1.011e+04	72.0	2.96e-05	0.0	4.89e-03	3.49e-05	0.0	0.0
2	2.460	0.407	0.679	189.39	1.3	1485.25	10.6	30.35	0.2	0.0	0.0
3	2.513	0.398	0.679	91.00	0.6	3764.23	26.8	83.50	0.6	0.0	0.0
4	2.778	0.360	0.679	0.54	3.84e-03	1751.15	12.5	79.76	0.6	0.0	0.0
5	2.953	0.339	0.679	0.10	7.31e-04	2843.53	20.3	988.65	7.0	0.0	0.0
6	4.965	0.201	0.679	0.02	1.52e-04	377.27	2.7	4236.12	30.2	0.0	0.0
7	5.240	0.191	0.679	0.18	1.27e-03	3273.99	23.3	521.09	3.7	0.0	0.0
8	6.286	0.159	0.625	2870.94	20.4	0.22	1.57e-03	0.75	5.34e-03	0.0	0.0
9	6.396	0.156	0.619	0.38	2.72e-03	50.87	0.4	7945.32	56.6	0.0	0.0
Risulta				1.326e+04		1.355e+04		1.389e+04			
In percentuale				94.48		96.49		98.91			

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
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CDC	Tipo	Sigla Id	Note
30	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	
			categoria suolo: C
			fattore di sito S = 1.500
			ordinata spettro (tratto Tb-Tc) = 0.308 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.797 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
18.20	34.77	3.25	0.77	0.0	-0.10	3.25	0.75	0.719	0.0	0.020
17.86	118.70	3.25	30.82	0.0	-0.84	0.0	0.0	0.0	0.0	0.0
16.47	304.36	3.25	31.27	0.0	-0.84	3.25	30.77	1.142	1.4830e-06	0.082
16.36	204.12	3.25	13.13	0.0	-0.97	3.25	13.36	1.107	0.0	0.036
16.16	9.84	3.25	2.85	0.0	0.0	3.25	2.85	1.732	1.0777e-06	1.2008e-06
14.80	45.31	3.25	14.53	0.0	-1.36	3.25	14.53	1.586	0.0	0.0
14.55	26.18	3.25	0.74	0.0	-0.10	3.25	0.75	0.719	0.0	0.005
13.40	137.18	3.25	14.14	0.0	-0.80	3.25	14.09	1.205	0.0	0.009
13.06	40.61	3.25	14.72	0.0	-1.36	3.25	14.53	1.586	0.0	0.015
11.80	22.66	3.25	0.75	0.0	-0.10	3.25	0.75	0.719	0.0	0.0
11.20	252.19	3.25	3.82	0.0	-0.25	3.25	1.33	1.227	3.4812e-05	0.719
11.10	2384.05	3.25	24.27	0.0	-1.67	3.25	24.59	1.037	4.2610e-05	0.032
10.95	116.57	3.25	2.69	0.0	-0.25	3.25	1.33	1.227	0.0	0.393
10.80	182.62	3.25	25.04	0.0	-1.64	3.25	23.29	1.123	0.0	0.160
10.60	240.96	3.25	22.30	0.0	-1.67	3.25	23.29	1.125	0.0	0.091
10.50	149.87	3.25	2.69	0.0	-0.25	3.25	1.33	1.227	0.0	0.393
10.10	13.29	3.25	20.37	0.0	-1.33	3.25	20.37	1.438	0.0	0.0
10.05	149.87	3.25	2.69	0.0	-0.25	3.25	1.33	1.227	0.0	0.393
9.95	30.09	3.25	20.37	0.0	-1.33	3.25	20.37	1.438	0.0	0.0
9.74	36.11	3.25	17.26	0.0	-1.36	3.25	14.53	1.586	0.0	0.218
9.60	348.15	3.25	12.51	0.0	-1.62	3.25	21.42	1.234	0.0	0.758
9.13	251.71	3.25	17.65	0.0	-0.94	3.25	14.41	1.442	0.0	0.397
9.11	261.13	3.25	12.17	0.0	-1.62	3.25	29.32	1.041	6.1605e-06	1.727
9.05	22.95	3.25	0.75	0.0	-0.10	3.25	0.75	0.719	0.0	0.004
8.65	251.59	3.25	17.66	0.0	-0.94	3.25	14.41	1.442	0.0	0.398
8.61	260.75	3.25	12.17	0.0	-1.62	3.25	29.32	1.041	1.2339e-05	1.726
8.18	347.16	3.25	16.52	0.0	-0.94	3.25	14.38	1.442	0.0	0.262
8.12	253.29	3.25	12.33	0.0	-1.62	3.25	29.32	1.041	6.3512e-06	1.710
8.08	26.13	3.25	19.08	0.0	-1.36	3.25	14.53	1.586	0.0	0.364
7.70	92.34	3.25	23.91	0.0	-0.17	3.25	24.25	1.463	0.0	0.068
7.62	261.56	3.25	12.16	0.0	-1.62	3.25	29.32	1.041	2.1913e-05	1.727
7.60	109.88	3.25	13.87	0.0	-0.80	0.0	0.0	0.0	0.0	0.0
7.23	114.20	3.25	23.79	0.0	-0.17	3.25	23.76	1.478	0.0	0.004
7.20	3.38	3.82	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.13	276.32	3.24	11.86	0.0	-1.62	3.25	31.20	0.726	7.3404e-04	2.793
6.73	77.21	3.25	23.12	0.0	-0.14	3.25	23.00	1.544	0.0	0.017
6.63	277.35	3.25	11.82	0.0	-1.62	3.25	29.12	1.071	5.9452e-05	1.693
6.53	65.29	3.25	26.12	0.0	-0.19	3.25	25.94	1.220	0.0	0.072
6.42	21.14	3.25	17.30	0.0	-1.36	3.25	14.53	1.586	0.0	0.222
6.25	6.00	3.25	-0.20	0.0	0.0	3.25	-0.20	0.413	0.0	0.0
6.23	153.70	3.25	24.73	0.0	-0.35	3.25	24.33	1.012	0.0	0.052
6.20	301.49	3.25	0.76	0.0	-0.10	0.0	0.0	0.0	0.0	0.0
6.14	271.51	3.25	12.06	0.0	-1.62	3.25	29.15	1.068	0.0	1.677
6.03	20.88	3.25	27.66	0.0	-0.15	3.25	26.94	1.075	0.0	0.527
5.72	187.99	3.25	25.18	0.0	-0.35	3.25	27.16	0.988	0.0	0.374
5.64	277.94	3.25	11.80	0.0	-1.62	3.25	29.12	1.071	0.0	1.696

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Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
5.22	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
5.15	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
4.76	12.43	3.25	13.86	0.0	-1.36	3.25	14.53	1.586	0.0	0.054
4.72	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
4.66	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
4.22	192.67	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
4.16	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
3.71	196.35	3.25	25.27	0.0	-0.35	3.25	24.27	1.071	0.0	0.131
3.67	281.12	3.25	11.69	0.0	-1.62	3.25	31.20	0.726	0.0	2.817
3.21	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
3.17	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
3.10	11.69	3.25	14.61	0.0	-1.36	3.25	14.53	1.586	0.0	0.006
2.71	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
2.68	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
2.21	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
2.18	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
1.70	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
1.69	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
1.20	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
1.19	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
0.70	403.27	3.25	17.27	0.0	-1.62	3.25	28.86	1.043	0.0	1.164
0.35	332.06	3.25	17.27	0.0	-1.62	3.25	31.36	0.624	0.0	2.368
Risulta	1.404e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.255	0.797	0.195	1.017e+04	72.5	0.01	7.64e-05	5.31e-03	3.78e-05	0.0	0.0
2	2.461	0.406	0.308	238.77	1.7	1.37	9.76e-03	0.07	5.23e-04	0.0	0.0
3	2.525	0.396	0.308	0.35	2.50e-03	6381.85	45.5	147.42	1.1	0.0	0.0
4	2.955	0.338	0.308	0.03	2.22e-04	2731.52	19.5	1007.78	7.2	0.0	0.0
5	3.237	0.309	0.308	0.04	2.91e-04	1011.91	7.2	79.08	0.6	0.0	0.0
6	5.161	0.194	0.308	0.80	5.73e-03	899.35	6.4	4483.28	31.9	0.0	0.0
7	5.533	0.181	0.308	2.63	1.87e-02	2526.46	18.0	3505.16	25.0	0.0	0.0
8	6.238	0.160	0.299	2797.47	19.9	3.40	2.42e-02	1.14	8.12e-03	0.0	0.0
9	6.946	0.144	0.281	0.11	7.74e-04	68.96	0.5	4727.65	33.7	0.0	0.0
Risulta				1.321e+04		1.362e+04		1.395e+04			
In percentuale				94.11		97.05		99.38			

CDC	Tipo	Sigla Id	Note
31	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	
			categoria suolo: C
			fattore di sito S = 1.500
			ordinata spettro (tratto Tb-Tc) = 0.308 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.802 sec.
			numero di modi considerati: 9

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

CDC	Tipo	Sigla Id	Note
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
18.20	34.77	3.25	0.77	0.0	0.10	3.25	0.75	0.719	0.0	0.020
17.86	118.70	3.25	30.82	0.0	0.84	0.0	0.0	0.0	0.0	0.0
16.47	304.36	3.25	31.27	0.0	0.84	3.25	30.77	1.142	1.4830e-06	0.082
16.36	204.12	3.25	13.13	0.0	0.97	3.25	13.36	1.107	0.0	0.036
16.16	9.84	3.25	2.85	0.0	0.0	3.25	2.85	1.732	1.0777e-06	1.2008e-06
14.80	45.31	3.25	14.53	0.0	1.36	3.25	14.53	1.586	0.0	0.0
14.55	26.18	3.25	0.74	0.0	0.10	3.25	0.75	0.719	0.0	0.005
13.40	137.18	3.25	14.14	0.0	0.80	3.25	14.09	1.205	0.0	0.009
13.06	40.61	3.25	14.72	0.0	1.36	3.25	14.53	1.586	0.0	0.015
11.80	22.66	3.25	0.75	0.0	0.10	3.25	0.75	0.719	0.0	0.0
11.20	252.19	3.25	3.82	0.0	0.25	3.25	1.33	1.227	3.4812e-05	0.719
11.10	2384.05	3.25	24.27	0.0	1.67	3.25	24.59	1.037	4.2610e-05	0.032
10.95	116.57	3.25	2.69	0.0	0.25	3.25	1.33	1.227	0.0	0.393
10.80	182.62	3.25	25.04	0.0	1.64	3.25	23.29	1.123	0.0	0.160
10.60	240.96	3.25	22.30	0.0	1.67	3.25	23.29	1.125	0.0	0.091
10.50	149.87	3.25	2.69	0.0	0.25	3.25	1.33	1.227	0.0	0.393
10.10	13.29	3.25	20.37	0.0	1.33	3.25	20.37	1.438	0.0	0.0
10.05	149.87	3.25	2.69	0.0	0.25	3.25	1.33	1.227	0.0	0.393
9.95	30.09	3.25	20.37	0.0	1.33	3.25	20.37	1.438	0.0	0.0
9.74	36.11	3.25	17.26	0.0	1.36	3.25	14.53	1.586	0.0	0.218
9.60	348.15	3.25	12.51	0.0	1.62	3.25	21.42	1.234	0.0	0.758
9.13	251.71	3.25	17.65	0.0	0.94	3.25	14.41	1.442	0.0	0.397
9.11	261.13	3.25	12.17	0.0	1.62	3.25	29.32	1.041	6.1605e-06	1.727
9.05	22.95	3.25	0.75	0.0	0.10	3.25	0.75	0.719	0.0	0.004
8.65	251.59	3.25	17.66	0.0	0.94	3.25	14.41	1.442	0.0	0.398
8.61	260.75	3.25	12.17	0.0	1.62	3.25	29.32	1.041	1.2339e-05	1.726
8.18	347.16	3.25	16.52	0.0	0.94	3.25	14.38	1.442	0.0	0.262
8.12	253.29	3.25	12.33	0.0	1.62	3.25	29.32	1.041	6.3512e-06	1.710
8.08	26.13	3.25	19.08	0.0	1.36	3.25	14.53	1.586	0.0	0.364
7.70	92.34	3.25	23.91	0.0	0.17	3.25	24.25	1.463	0.0	0.068
7.62	261.56	3.25	12.16	0.0	1.62	3.25	29.32	1.041	2.1913e-05	1.727
7.60	109.88	3.25	13.87	0.0	0.80	0.0	0.0	0.0	0.0	0.0
7.23	114.20	3.25	23.79	0.0	0.17	3.25	23.76	1.478	0.0	0.004
7.20	3.38	3.82	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.13	276.32	3.24	11.86	0.0	1.62	3.25	31.20	0.726	7.3404e-04	2.793
6.73	77.21	3.25	23.12	0.0	0.14	3.25	23.00	1.544	0.0	0.017
6.63	277.35	3.25	11.82	0.0	1.62	3.25	29.12	1.071	5.9452e-05	1.693
6.53	65.29	3.25	26.12	0.0	0.19	3.25	25.94	1.220	0.0	0.072
6.42	21.14	3.25	17.30	0.0	1.36	3.25	14.53	1.586	0.0	0.222
6.25	6.00	3.25	-0.20	0.0	0.0	3.25	-0.20	0.413	0.0	0.0
6.23	153.70	3.25	24.73	0.0	0.35	3.25	24.33	1.012	0.0	0.052
6.20	301.49	3.25	0.76	0.0	0.10	0.0	0.0	0.0	0.0	0.0
6.14	271.51	3.25	12.06	0.0	1.62	3.25	29.15	1.068	0.0	1.677
6.03	20.88	3.25	27.66	0.0	0.15	3.25	26.94	1.075	0.0	0.527
5.72	187.99	3.25	25.18	0.0	0.35	3.25	27.16	0.988	0.0	0.374
5.64	277.94	3.25	11.80	0.0	1.62	3.25	29.12	1.071	0.0	1.696
5.22	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
5.15	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
4.76	12.43	3.25	13.86	0.0	1.36	3.25	14.53	1.586	0.0	0.054
4.72	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
4.66	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
4.22	192.67	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
4.16	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
3.71	196.35	3.25	25.27	0.0	0.35	3.25	24.27	1.071	0.0	0.131

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
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Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
3.67	281.12	3.25	11.69	0.0	1.62	3.25	31.20	0.726	0.0	2.817
3.21	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
3.17	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
3.10	11.69	3.25	14.61	0.0	1.36	3.25	14.53	1.586	0.0	0.006
2.71	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
2.68	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
2.21	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
2.18	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
1.70	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
1.69	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
1.20	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
1.19	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
0.70	403.27	3.25	17.27	0.0	1.62	3.25	28.86	1.043	0.0	1.164
0.35	332.06	3.25	17.27	0.0	1.62	3.25	31.36	0.624	0.0	2.368
Risulta	1.404e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.247	0.802	0.194	1.003e+04	71.5	9.57e-03	6.81e-05	3.87e-03	2.76e-05	0.0	0.0
2	2.452	0.408	0.308	334.19	2.4	5.77	4.11e-02	0.24	1.74e-03	0.0	0.0
3	2.525	0.396	0.308	0.99	7.04e-03	6378.11	45.4	147.24	1.0	0.0	0.0
4	2.955	0.338	0.308	0.05	3.90e-04	2730.75	19.5	1007.89	7.2	0.0	0.0
5	3.237	0.309	0.308	0.02	1.46e-04	1012.24	7.2	78.99	0.6	0.0	0.0
6	5.161	0.194	0.308	2.12e-04	1.51e-06	896.58	6.4	4487.65	32.0	0.0	0.0
7	5.533	0.181	0.308	1.82	1.30e-02	2531.25	18.0	3492.58	24.9	0.0	0.0
8	6.131	0.163	0.302	2838.65	20.2	0.85	6.07e-03	12.54	8.93e-02	0.0	0.0
9	6.946	0.144	0.281	2.99	2.13e-02	69.23	0.5	4724.39	33.7	0.0	0.0
Risulta				1.321e+04		1.362e+04		1.395e+04			
In percentuale				94.10		97.05		99.38			

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

CDC	Tipo	Sigla Id	Note
32	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	
			categoria suolo: C
			fattore di sito S = 1.500
			ordinata spettro (tratto Tb-Tc) = 0.308 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.398 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
18.20	34.77	3.25	0.77	0.25	0.0	3.25	0.75	0.719	0.0	0.020
17.86	118.70	3.25	30.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.47	304.36	3.25	31.27	0.38	0.0	3.25	30.77	1.142	1.4830e-06	0.082

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
16.36	204.12	3.25	13.13	0.25	0.0	3.25	13.36	1.107	0.0	0.036
16.16	9.84	3.25	2.85	0.25	0.0	3.25	2.85	1.732	1.0777e-06	1.2008e-06
14.80	45.31	3.25	14.53	0.11	0.0	3.25	14.53	1.586	0.0	0.0
14.55	26.18	3.25	0.74	0.25	0.0	3.25	0.75	0.719	0.0	0.005
13.40	137.18	3.25	14.14	0.25	0.0	3.25	14.09	1.205	0.0	0.009
13.06	40.61	3.25	14.72	0.11	0.0	3.25	14.53	1.586	0.0	0.015
11.80	22.66	3.25	0.75	0.25	0.0	3.25	0.75	0.719	0.0	0.0
11.20	252.19	3.25	3.82	0.28	0.0	3.25	1.33	1.227	3.4812e-05	0.719
11.10	2384.05	3.25	24.27	0.42	0.0	3.25	24.59	1.037	4.2610e-05	0.032
10.95	116.57	3.25	2.69	0.28	0.0	3.25	1.33	1.227	0.0	0.393
10.80	182.62	3.25	25.04	0.42	0.0	3.25	23.29	1.123	0.0	0.160
10.60	240.96	3.25	22.30	0.28	0.0	3.25	23.29	1.125	0.0	0.091
10.50	149.87	3.25	2.69	0.28	0.0	3.25	1.33	1.227	0.0	0.393
10.10	13.29	3.25	20.37	0.28	0.0	3.25	20.37	1.438	0.0	0.0
10.05	149.87	3.25	2.69	0.28	0.0	3.25	1.33	1.227	0.0	0.393
9.95	30.09	3.25	20.37	0.28	0.0	3.25	20.37	1.438	0.0	0.0
9.74	36.11	3.25	17.26	0.11	0.0	3.25	14.53	1.586	0.0	0.218
9.60	348.15	3.25	12.51	0.33	0.0	3.25	21.42	1.234	0.0	0.758
9.13	251.71	3.25	17.65	0.28	0.0	3.25	14.41	1.442	0.0	0.397
9.11	261.13	3.25	12.17	0.33	0.0	3.25	29.32	1.041	6.1605e-06	1.727
9.05	22.95	3.25	0.75	0.25	0.0	3.25	0.75	0.719	0.0	0.004
8.65	251.59	3.25	17.66	0.28	0.0	3.25	14.41	1.442	0.0	0.398
8.61	260.75	3.25	12.17	0.33	0.0	3.25	29.32	1.041	1.2339e-05	1.726
8.18	347.16	3.25	16.52	0.28	0.0	3.25	14.38	1.442	0.0	0.262
8.12	253.29	3.25	12.33	0.33	0.0	3.25	29.32	1.041	6.3512e-06	1.710
8.08	26.13	3.25	19.08	0.11	0.0	3.25	14.53	1.586	0.0	0.364
7.70	92.34	3.25	23.91	0.28	0.0	3.25	24.25	1.463	0.0	0.068
7.62	261.56	3.25	12.16	0.33	0.0	3.25	29.32	1.041	2.1913e-05	1.727
7.60	109.88	3.25	13.87	0.28	0.0	0.0	0.0	0.0	0.0	0.0
7.23	114.20	3.25	23.79	0.28	0.0	3.25	23.76	1.478	0.0	0.004
7.20	3.38	3.82	0.75	0.15	0.0	0.0	0.0	0.0	0.0	0.0
7.13	276.32	3.24	11.86	0.33	0.0	3.25	31.20	0.726	7.3404e-04	2.793
6.73	77.21	3.25	23.12	0.28	0.0	3.25	23.00	1.544	0.0	0.017
6.63	277.35	3.25	11.82	0.33	0.0	3.25	29.12	1.071	5.9452e-05	1.693
6.53	65.29	3.25	26.12	0.28	0.0	3.25	25.94	1.220	0.0	0.072
6.42	21.14	3.25	17.30	0.11	0.0	3.25	14.53	1.586	0.0	0.222
6.25	6.00	3.25	-0.20	0.25	0.0	3.25	-0.20	0.413	0.0	0.0
6.23	153.70	3.25	24.73	0.28	0.0	3.25	24.33	1.012	0.0	0.052
6.20	301.49	3.25	0.76	0.25	0.0	0.0	0.0	0.0	0.0	0.0
6.14	271.51	3.25	12.06	0.33	0.0	3.25	29.15	1.068	0.0	1.677
6.03	20.88	3.25	27.66	0.16	0.0	3.25	26.94	1.075	0.0	0.527
5.72	187.99	3.25	25.18	0.28	0.0	3.25	27.16	0.988	0.0	0.374
5.64	277.94	3.25	11.80	0.33	0.0	3.25	29.12	1.071	0.0	1.696
5.22	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
5.15	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
4.76	12.43	3.25	13.86	0.11	0.0	3.25	14.53	1.586	0.0	0.054
4.72	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
4.66	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
4.22	192.67	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
4.16	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
3.71	196.35	3.25	25.27	0.28	0.0	3.25	24.27	1.071	0.0	0.131
3.67	281.12	3.25	11.69	0.33	0.0	3.25	31.20	0.726	0.0	2.817
3.21	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
3.17	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
3.10	11.69	3.25	14.61	0.11	0.0	3.25	14.53	1.586	0.0	0.006
2.71	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
2.68	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
2.21	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
2.18	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
1.70	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
1.69	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
1.20	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
1.19	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
0.70	403.27	3.25	17.27	0.33	0.0	3.25	28.86	1.043	0.0	1.164
0.35	332.06	3.25	17.27	0.33	0.0	3.25	31.36	0.624	0.0	2.368
Risulta	1.404e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.254	0.798	0.195	1.011e+04	72.0	0.04	3.08e-04	4.32e-03	3.08e-05	0.0	0.0
2	2.464	0.406	0.308	216.51	1.5	1229.02	8.8	22.66	0.2	0.0	0.0
3	2.512	0.398	0.308	62.96	0.4	4201.53	29.9	94.55	0.7	0.0	0.0
4	2.794	0.358	0.308	1.13	8.03e-03	1479.68	10.5	88.21	0.6	0.0	0.0
5	2.954	0.339	0.308	2.49e-03	1.77e-05	2948.46	21.0	972.22	6.9	0.0	0.0
6	4.901	0.204	0.308	0.03	1.86e-04	344.49	2.5	3780.94	26.9	0.0	0.0
7	5.256	0.190	0.308	3.18	2.27e-02	3279.77	23.4	504.35	3.6	0.0	0.0
8	6.287	0.159	0.298	2868.54	20.4	2.97	2.11e-02	1.65	1.17e-02	0.0	0.0
9	6.331	0.158	0.297	0.20	1.45e-03	66.98	0.5	8406.72	59.9	0.0	0.0
Risulta				1.326e+04		1.355e+04		1.387e+04			
In percentuale				94.48		96.54		98.80			

CDC	Tipo	Sigla Id	Note
33	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	
			categoria suolo: C
			fattore di sito S = 1.500
			ordinata spettro (tratto Tb-Tc) = 0.308 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.398 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
18.20	34.77	3.25	0.77	-0.25	0.0	3.25	0.75	0.719	0.0	0.020
17.86	118.70	3.25	30.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.47	304.36	3.25	31.27	-0.38	0.0	3.25	30.77	1.142	1.4830e-06	0.082
16.36	204.12	3.25	13.13	-0.25	0.0	3.25	13.36	1.107	0.0	0.036
16.16	9.84	3.25	2.85	-0.25	0.0	3.25	2.85	1.732	1.0777e-06	1.2008e-06
14.80	45.31	3.25	14.53	-0.11	0.0	3.25	14.53	1.586	0.0	0.0
14.55	26.18	3.25	0.74	-0.25	0.0	3.25	0.75	0.719	0.0	0.005
13.40	137.18	3.25	14.14	-0.25	0.0	3.25	14.09	1.205	0.0	0.009
13.06	40.61	3.25	14.72	-0.11	0.0	3.25	14.53	1.586	0.0	0.015
11.80	22.66	3.25	0.75	-0.25	0.0	3.25	0.75	0.719	0.0	0.0
11.20	252.19	3.25	3.82	-0.28	0.0	3.25	1.33	1.227	3.4812e-05	0.719
11.10	2384.05	3.25	24.27	-0.42	0.0	3.25	24.59	1.037	4.2610e-05	0.032
10.95	116.57	3.25	2.69	-0.28	0.0	3.25	1.33	1.227	0.0	0.393
10.80	182.62	3.25	25.04	-0.42	0.0	3.25	23.29	1.123	0.0	0.160

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
10.60	240.96	3.25	22.30	-0.28	0.0	3.25	23.29	1.125	0.0	0.091
10.50	149.87	3.25	2.69	-0.28	0.0	3.25	1.33	1.227	0.0	0.393
10.10	13.29	3.25	20.37	-0.28	0.0	3.25	20.37	1.438	0.0	0.0
10.05	149.87	3.25	2.69	-0.28	0.0	3.25	1.33	1.227	0.0	0.393
9.95	30.09	3.25	20.37	-0.28	0.0	3.25	20.37	1.438	0.0	0.0
9.74	36.11	3.25	17.26	-0.11	0.0	3.25	14.53	1.586	0.0	0.218
9.60	348.15	3.25	12.51	-0.33	0.0	3.25	21.42	1.234	0.0	0.758
9.13	251.71	3.25	17.65	-0.28	0.0	3.25	14.41	1.442	0.0	0.397
9.11	261.13	3.25	12.17	-0.33	0.0	3.25	29.32	1.041	6.1605e-06	1.727
9.05	22.95	3.25	0.75	-0.25	0.0	3.25	0.75	0.719	0.0	0.004
8.65	251.59	3.25	17.66	-0.28	0.0	3.25	14.41	1.442	0.0	0.398
8.61	260.75	3.25	12.17	-0.33	0.0	3.25	29.32	1.041	1.2339e-05	1.726
8.18	347.16	3.25	16.52	-0.28	0.0	3.25	14.38	1.442	0.0	0.262
8.12	253.29	3.25	12.33	-0.33	0.0	3.25	29.32	1.041	6.3512e-06	1.710
8.08	26.13	3.25	19.08	-0.11	0.0	3.25	14.53	1.586	0.0	0.364
7.70	92.34	3.25	23.91	-0.28	0.0	3.25	24.25	1.463	0.0	0.068
7.62	261.56	3.25	12.16	-0.33	0.0	3.25	29.32	1.041	2.1913e-05	1.727
7.60	109.88	3.25	13.87	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
7.23	114.20	3.25	23.79	-0.28	0.0	3.25	23.76	1.478	0.0	0.004
7.20	3.38	3.82	0.75	-0.15	0.0	0.0	0.0	0.0	0.0	0.0
7.13	276.32	3.24	11.86	-0.33	0.0	3.25	31.20	0.726	7.3404e-04	2.793
6.73	77.21	3.25	23.12	-0.28	0.0	3.25	23.00	1.544	0.0	0.017
6.63	277.35	3.25	11.82	-0.33	0.0	3.25	29.12	1.071	5.9452e-05	1.693
6.53	65.29	3.25	26.12	-0.28	0.0	3.25	25.94	1.220	0.0	0.072
6.42	21.14	3.25	17.30	-0.11	0.0	3.25	14.53	1.586	0.0	0.222
6.25	6.00	3.25	-0.20	-0.25	0.0	3.25	-0.20	0.413	0.0	0.0
6.23	153.70	3.25	24.73	-0.28	0.0	3.25	24.33	1.012	0.0	0.052
6.20	301.49	3.25	0.76	-0.25	0.0	0.0	0.0	0.0	0.0	0.0
6.14	271.51	3.25	12.06	-0.33	0.0	3.25	29.15	1.068	0.0	1.677
6.03	20.88	3.25	27.66	-0.16	0.0	3.25	26.94	1.075	0.0	0.527
5.72	187.99	3.25	25.18	-0.28	0.0	3.25	27.16	0.988	0.0	0.374
5.64	277.94	3.25	11.80	-0.33	0.0	3.25	29.12	1.071	0.0	1.696
5.22	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
5.15	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
4.76	12.43	3.25	13.86	-0.11	0.0	3.25	14.53	1.586	0.0	0.054
4.72	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
4.66	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
4.22	192.67	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
4.16	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
3.71	196.35	3.25	25.27	-0.28	0.0	3.25	24.27	1.071	0.0	0.131
3.67	281.12	3.25	11.69	-0.33	0.0	3.25	31.20	0.726	0.0	2.817
3.21	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
3.17	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
3.10	11.69	3.25	14.61	-0.11	0.0	3.25	14.53	1.586	0.0	0.006
2.71	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
2.68	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
2.21	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
2.18	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
1.70	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
1.69	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
1.20	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
1.19	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
0.70	403.27	3.25	17.27	-0.33	0.0	3.25	28.86	1.043	0.0	1.164
0.35	332.06	3.25	17.27	-0.33	0.0	3.25	31.36	0.624	0.0	2.368
Risulta	1.404e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			

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Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
1	1.254	0.798	0.195	1.011e+04	72.0	2.96e-05	0.0	4.89e-03	3.49e-05	0.0	0.0
2	2.460	0.407	0.308	189.39	1.3	1485.25	10.6	30.35	0.2	0.0	0.0
3	2.513	0.398	0.308	91.00	0.6	3764.23	26.8	83.50	0.6	0.0	0.0
4	2.778	0.360	0.308	0.54	3.84e-03	1751.15	12.5	79.76	0.6	0.0	0.0
5	2.953	0.339	0.308	0.10	7.31e-04	2843.53	20.3	988.65	7.0	0.0	0.0
6	4.965	0.201	0.308	0.02	1.52e-04	377.27	2.7	4236.12	30.2	0.0	0.0
7	5.240	0.191	0.308	0.18	1.27e-03	3273.99	23.3	521.09	3.7	0.0	0.0
8	6.286	0.159	0.298	2870.94	20.4	0.22	1.57e-03	0.75	5.34e-03	0.0	0.0
9	6.396	0.156	0.295	0.38	2.72e-03	50.87	0.4	7945.32	56.6	0.0	0.0
Risulta				1.326e+04		1.355e+04		1.389e+04			
In percentuale				94.48		96.49		98.91			

CDC	Tipo	Sigla Id	Note
34	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. +)	
			categoria suolo: C
			fattore di sito S = 1.500
			ordinata spettro (tratto Tb-Tc) = 0.241 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.797 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
18.20	34.77	3.25	0.77	0.0	-0.10	3.25	0.75	0.719	0.0	0.020
17.86	118.70	3.25	30.82	0.0	-0.84	0.0	0.0	0.0	0.0	0.0
16.47	304.36	3.25	31.27	0.0	-0.84	3.25	30.77	1.142	1.4830e-06	0.082
16.36	204.12	3.25	13.13	0.0	-0.97	3.25	13.36	1.107	0.0	0.036
16.16	9.84	3.25	2.85	0.0	0.0	3.25	2.85	1.732	1.0777e-06	1.2008e-06
14.80	45.31	3.25	14.53	0.0	-1.36	3.25	14.53	1.586	0.0	0.0
14.55	26.18	3.25	0.74	0.0	-0.10	3.25	0.75	0.719	0.0	0.005
13.40	137.18	3.25	14.14	0.0	-0.80	3.25	14.09	1.205	0.0	0.009
13.06	40.61	3.25	14.72	0.0	-1.36	3.25	14.53	1.586	0.0	0.015
11.80	22.66	3.25	0.75	0.0	-0.10	3.25	0.75	0.719	0.0	0.0
11.20	252.19	3.25	3.82	0.0	-0.25	3.25	1.33	1.227	3.4812e-05	0.719
11.10	2384.05	3.25	24.27	0.0	-1.67	3.25	24.59	1.037	4.2610e-05	0.032
10.95	116.57	3.25	2.69	0.0	-0.25	3.25	1.33	1.227	0.0	0.393
10.80	182.62	3.25	25.04	0.0	-1.64	3.25	23.29	1.123	0.0	0.160
10.60	240.96	3.25	22.30	0.0	-1.67	3.25	23.29	1.125	0.0	0.091
10.50	149.87	3.25	2.69	0.0	-0.25	3.25	1.33	1.227	0.0	0.393
10.10	13.29	3.25	20.37	0.0	-1.33	3.25	20.37	1.438	0.0	0.0
10.05	149.87	3.25	2.69	0.0	-0.25	3.25	1.33	1.227	0.0	0.393
9.95	30.09	3.25	20.37	0.0	-1.33	3.25	20.37	1.438	0.0	0.0
9.74	36.11	3.25	17.26	0.0	-1.36	3.25	14.53	1.586	0.0	0.218
9.60	348.15	3.25	12.51	0.0	-1.62	3.25	21.42	1.234	0.0	0.758
9.13	251.71	3.25	17.65	0.0	-0.94	3.25	14.41	1.442	0.0	0.397
9.11	261.13	3.25	12.17	0.0	-1.62	3.25	29.32	1.041	6.1605e-06	1.727
9.05	22.95	3.25	0.75	0.0	-0.10	3.25	0.75	0.719	0.0	0.004

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Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
8.65	251.59	3.25	17.66	0.0	-0.94	3.25	14.41	1.442	0.0	0.398
8.61	260.75	3.25	12.17	0.0	-1.62	3.25	29.32	1.041	1.2339e-05	1.726
8.18	347.16	3.25	16.52	0.0	-0.94	3.25	14.38	1.442	0.0	0.262
8.12	253.29	3.25	12.33	0.0	-1.62	3.25	29.32	1.041	6.3512e-06	1.710
8.08	26.13	3.25	19.08	0.0	-1.36	3.25	14.53	1.586	0.0	0.364
7.70	92.34	3.25	23.91	0.0	-0.17	3.25	24.25	1.463	0.0	0.068
7.62	261.56	3.25	12.16	0.0	-1.62	3.25	29.32	1.041	2.1913e-05	1.727
7.60	109.88	3.25	13.87	0.0	-0.80	0.0	0.0	0.0	0.0	0.0
7.23	114.20	3.25	23.79	0.0	-0.17	3.25	23.76	1.478	0.0	0.004
7.20	3.38	3.82	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.13	276.32	3.24	11.86	0.0	-1.62	3.25	31.20	0.726	7.3404e-04	2.793
6.73	77.21	3.25	23.12	0.0	-0.14	3.25	23.00	1.544	0.0	0.017
6.63	277.35	3.25	11.82	0.0	-1.62	3.25	29.12	1.071	5.9452e-05	1.693
6.53	65.29	3.25	26.12	0.0	-0.19	3.25	25.94	1.220	0.0	0.072
6.42	21.14	3.25	17.30	0.0	-1.36	3.25	14.53	1.586	0.0	0.222
6.25	6.00	3.25	-0.20	0.0	0.0	3.25	-0.20	0.413	0.0	0.0
6.23	153.70	3.25	24.73	0.0	-0.35	3.25	24.33	1.012	0.0	0.052
6.20	301.49	3.25	0.76	0.0	-0.10	0.0	0.0	0.0	0.0	0.0
6.14	271.51	3.25	12.06	0.0	-1.62	3.25	29.15	1.068	0.0	1.677
6.03	20.88	3.25	27.66	0.0	-0.15	3.25	26.94	1.075	0.0	0.527
5.72	187.99	3.25	25.18	0.0	-0.35	3.25	27.16	0.988	0.0	0.374
5.64	277.94	3.25	11.80	0.0	-1.62	3.25	29.12	1.071	0.0	1.696
5.22	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
5.15	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
4.76	12.43	3.25	13.86	0.0	-1.36	3.25	14.53	1.586	0.0	0.054
4.72	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
4.66	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
4.22	192.67	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
4.16	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
3.71	196.35	3.25	25.27	0.0	-0.35	3.25	24.27	1.071	0.0	0.131
3.67	281.12	3.25	11.69	0.0	-1.62	3.25	31.20	0.726	0.0	2.817
3.21	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
3.17	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
3.10	11.69	3.25	14.61	0.0	-1.36	3.25	14.53	1.586	0.0	0.006
2.71	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
2.68	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
2.21	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
2.18	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
1.70	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
1.69	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
1.20	192.68	3.25	25.24	0.0	-0.35	3.25	27.16	0.988	0.0	0.362
1.19	277.57	3.25	11.81	0.0	-1.62	3.25	29.12	1.071	0.0	1.694
0.70	403.27	3.25	17.27	0.0	-1.62	3.25	28.86	1.043	0.0	1.164
0.35	332.06	3.25	17.27	0.0	-1.62	3.25	31.36	0.624	0.0	2.368
Risulta	1.404e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.255	0.797	0.150	1.017e+04	72.5	0.01	7.64e-05	5.31e-03	3.78e-05	0.0	0.0
2	2.461	0.406	0.241	238.77	1.7	1.37	9.76e-03	0.07	5.23e-04	0.0	0.0
3	2.525	0.396	0.241	0.35	2.50e-03	6381.85	45.5	147.42	1.1	0.0	0.0
4	2.955	0.338	0.241	0.03	2.22e-04	2731.52	19.5	1007.78	7.2	0.0	0.0
5	3.237	0.309	0.241	0.04	2.91e-04	1011.91	7.2	79.08	0.6	0.0	0.0

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Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
6	5.161	0.194	0.241	0.80	5.73e-03	899.35	6.4	4483.28	31.9	0.0	0.0
7	5.533	0.181	0.241	2.63	1.87e-02	2526.46	18.0	3505.16	25.0	0.0	0.0
8	6.238	0.160	0.237	2797.47	19.9	3.40	2.42e-02	1.14	8.12e-03	0.0	0.0
9	6.946	0.144	0.223	0.11	7.74e-04	68.96	0.5	4727.65	33.7	0.0	0.0
Risulta				1.321e+04		1.362e+04		1.395e+04			
In percentuale				94.11		97.05		99.38			

CDC	Tipo	Sigla Id	Note
35	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. -)	
			categoria suolo: C
			fattore di sito S = 1.500
			ordinata spettro (tratto Tb-Tc) = 0.241 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.802 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
18.20	34.77	3.25	0.77	0.0	0.10	3.25	0.75	0.719	0.0	0.020
17.86	118.70	3.25	30.82	0.0	0.84	0.0	0.0	0.0	0.0	0.0
16.47	304.36	3.25	31.27	0.0	0.84	3.25	30.77	1.142	1.4830e-06	0.082
16.36	204.12	3.25	13.13	0.0	0.97	3.25	13.36	1.107	0.0	0.036
16.16	9.84	3.25	2.85	0.0	0.0	3.25	2.85	1.732	1.0777e-06	1.2008e-06
14.80	45.31	3.25	14.53	0.0	1.36	3.25	14.53	1.586	0.0	0.0
14.55	26.18	3.25	0.74	0.0	0.10	3.25	0.75	0.719	0.0	0.005
13.40	137.18	3.25	14.14	0.0	0.80	3.25	14.09	1.205	0.0	0.009
13.06	40.61	3.25	14.72	0.0	1.36	3.25	14.53	1.586	0.0	0.015
11.80	22.66	3.25	0.75	0.0	0.10	3.25	0.75	0.719	0.0	0.0
11.20	252.19	3.25	3.82	0.0	0.25	3.25	1.33	1.227	3.4812e-05	0.719
11.10	2384.05	3.25	24.27	0.0	1.67	3.25	24.59	1.037	4.2610e-05	0.032
10.95	116.57	3.25	2.69	0.0	0.25	3.25	1.33	1.227	0.0	0.393
10.80	182.62	3.25	25.04	0.0	1.64	3.25	23.29	1.123	0.0	0.160
10.60	240.96	3.25	22.30	0.0	1.67	3.25	23.29	1.125	0.0	0.091
10.50	149.87	3.25	2.69	0.0	0.25	3.25	1.33	1.227	0.0	0.393
10.10	13.29	3.25	20.37	0.0	1.33	3.25	20.37	1.438	0.0	0.0
10.05	149.87	3.25	2.69	0.0	0.25	3.25	1.33	1.227	0.0	0.393
9.95	30.09	3.25	20.37	0.0	1.33	3.25	20.37	1.438	0.0	0.0
9.74	36.11	3.25	17.26	0.0	1.36	3.25	14.53	1.586	0.0	0.218
9.60	348.15	3.25	12.51	0.0	1.62	3.25	21.42	1.234	0.0	0.758
9.13	251.71	3.25	17.65	0.0	0.94	3.25	14.41	1.442	0.0	0.397
9.11	261.13	3.25	12.17	0.0	1.62	3.25	29.32	1.041	6.1605e-06	1.727
9.05	22.95	3.25	0.75	0.0	0.10	3.25	0.75	0.719	0.0	0.004
8.65	251.59	3.25	17.66	0.0	0.94	3.25	14.41	1.442	0.0	0.398
8.61	260.75	3.25	12.17	0.0	1.62	3.25	29.32	1.041	1.2339e-05	1.726
8.18	347.16	3.25	16.52	0.0	0.94	3.25	14.38	1.442	0.0	0.262
8.12	253.29	3.25	12.33	0.0	1.62	3.25	29.32	1.041	6.3512e-06	1.710
8.08	26.13	3.25	19.08	0.0	1.36	3.25	14.53	1.586	0.0	0.364
7.70	92.34	3.25	23.91	0.0	0.17	3.25	24.25	1.463	0.0	0.068
7.62	261.56	3.25	12.16	0.0	1.62	3.25	29.32	1.041	2.1913e-05	1.727
7.60	109.88	3.25	13.87	0.0	0.80	0.0	0.0	0.0	0.0	0.0

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Facchini Massimo
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Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
7.23	114.20	3.25	23.79	0.0	0.17	3.25	23.76	1.478	0.0	0.004
7.20	3.38	3.82	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.13	276.32	3.24	11.86	0.0	1.62	3.25	31.20	0.726	7.3404e-04	2.793
6.73	77.21	3.25	23.12	0.0	0.14	3.25	23.00	1.544	0.0	0.017
6.63	277.35	3.25	11.82	0.0	1.62	3.25	29.12	1.071	5.9452e-05	1.693
6.53	65.29	3.25	26.12	0.0	0.19	3.25	25.94	1.220	0.0	0.072
6.42	21.14	3.25	17.30	0.0	1.36	3.25	14.53	1.586	0.0	0.222
6.25	6.00	3.25	-0.20	0.0	0.0	3.25	-0.20	0.413	0.0	0.0
6.23	153.70	3.25	24.73	0.0	0.35	3.25	24.33	1.012	0.0	0.052
6.20	301.49	3.25	0.76	0.0	0.10	0.0	0.0	0.0	0.0	0.0
6.14	271.51	3.25	12.06	0.0	1.62	3.25	29.15	1.068	0.0	1.677
6.03	20.88	3.25	27.66	0.0	0.15	3.25	26.94	1.075	0.0	0.527
5.72	187.99	3.25	25.18	0.0	0.35	3.25	27.16	0.988	0.0	0.374
5.64	277.94	3.25	11.80	0.0	1.62	3.25	29.12	1.071	0.0	1.696
5.22	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
5.15	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
4.76	12.43	3.25	13.86	0.0	1.36	3.25	14.53	1.586	0.0	0.054
4.72	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
4.66	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
4.22	192.67	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
4.16	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
3.71	196.35	3.25	25.27	0.0	0.35	3.25	24.27	1.071	0.0	0.131
3.67	281.12	3.25	11.69	0.0	1.62	3.25	31.20	0.726	0.0	2.817
3.21	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
3.17	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
3.10	11.69	3.25	14.61	0.0	1.36	3.25	14.53	1.586	0.0	0.006
2.71	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
2.68	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
2.21	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
2.18	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
1.70	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
1.69	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
1.20	192.68	3.25	25.24	0.0	0.35	3.25	27.16	0.988	0.0	0.362
1.19	277.57	3.25	11.81	0.0	1.62	3.25	29.12	1.071	0.0	1.694
0.70	403.27	3.25	17.27	0.0	1.62	3.25	28.86	1.043	0.0	1.164
0.35	332.06	3.25	17.27	0.0	1.62	3.25	31.36	0.624	0.0	2.368
Risulta	1.404e+04									

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.247	0.802	0.149	1.003e+04	71.5	9.57e-03	6.81e-05	3.87e-03	2.76e-05	0.0	0.0
2	2.452	0.408	0.241	334.19	2.4	5.77	4.11e-02	0.24	1.74e-03	0.0	0.0
3	2.525	0.396	0.241	0.99	7.04e-03	6378.11	45.4	147.24	1.0	0.0	0.0
4	2.955	0.338	0.241	0.05	3.90e-04	2730.75	19.5	1007.89	7.2	0.0	0.0
5	3.237	0.309	0.241	0.02	1.46e-04	1012.24	7.2	78.99	0.6	0.0	0.0
6	5.161	0.194	0.241	2.12e-04	1.51e-06	896.58	6.4	4487.65	32.0	0.0	0.0
7	5.533	0.181	0.241	1.82	1.30e-02	2531.25	18.0	3492.58	24.9	0.0	0.0
8	6.131	0.163	0.239	2838.65	20.2	0.85	6.07e-03	12.54	8.93e-02	0.0	0.0
9	6.946	0.144	0.223	2.99	2.13e-02	69.23	0.5	4724.39	33.7	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
Risulta				1.321e+04		1.362e+04		1.395e+04			
In percentuale				94.10		97.05		99.38			

CDC	Tipo	Sigla Id	Note
36	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. +)	
			categoria suolo: C
			fattore di sito S = 1.500
			ordinata spettro (tratto Tb-Tc) = 0.241 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.398 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
18.20	34.77	3.25	0.77	0.25	0.0	3.25	0.75	0.719	0.0	0.020
17.86	118.70	3.25	30.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.47	304.36	3.25	31.27	0.38	0.0	3.25	30.77	1.142	1.4830e-06	0.082
16.36	204.12	3.25	13.13	0.25	0.0	3.25	13.36	1.107	0.0	0.036
16.16	9.84	3.25	2.85	0.25	0.0	3.25	2.85	1.732	1.0777e-06	1.2008e-06
14.80	45.31	3.25	14.53	0.11	0.0	3.25	14.53	1.586	0.0	0.0
14.55	26.18	3.25	0.74	0.25	0.0	3.25	0.75	0.719	0.0	0.005
13.40	137.18	3.25	14.14	0.25	0.0	3.25	14.09	1.205	0.0	0.009
13.06	40.61	3.25	14.72	0.11	0.0	3.25	14.53	1.586	0.0	0.015
11.80	22.66	3.25	0.75	0.25	0.0	3.25	0.75	0.719	0.0	0.0
11.20	252.19	3.25	3.82	0.28	0.0	3.25	1.33	1.227	3.4812e-05	0.719
11.10	2384.05	3.25	24.27	0.42	0.0	3.25	24.59	1.037	4.2610e-05	0.032
10.95	116.57	3.25	2.69	0.28	0.0	3.25	1.33	1.227	0.0	0.393
10.80	182.62	3.25	25.04	0.42	0.0	3.25	23.29	1.123	0.0	0.160
10.60	240.96	3.25	22.30	0.28	0.0	3.25	23.29	1.125	0.0	0.091
10.50	149.87	3.25	2.69	0.28	0.0	3.25	1.33	1.227	0.0	0.393
10.10	13.29	3.25	20.37	0.28	0.0	3.25	20.37	1.438	0.0	0.0
10.05	149.87	3.25	2.69	0.28	0.0	3.25	1.33	1.227	0.0	0.393
9.95	30.09	3.25	20.37	0.28	0.0	3.25	20.37	1.438	0.0	0.0
9.74	36.11	3.25	17.26	0.11	0.0	3.25	14.53	1.586	0.0	0.218
9.60	348.15	3.25	12.51	0.33	0.0	3.25	21.42	1.234	0.0	0.758
9.13	251.71	3.25	17.65	0.28	0.0	3.25	14.41	1.442	0.0	0.397
9.11	261.13	3.25	12.17	0.33	0.0	3.25	29.32	1.041	6.1605e-06	1.727
9.05	22.95	3.25	0.75	0.25	0.0	3.25	0.75	0.719	0.0	0.004
8.65	251.59	3.25	17.66	0.28	0.0	3.25	14.41	1.442	0.0	0.398
8.61	260.75	3.25	12.17	0.33	0.0	3.25	29.32	1.041	1.2339e-05	1.726
8.18	347.16	3.25	16.52	0.28	0.0	3.25	14.38	1.442	0.0	0.262
8.12	253.29	3.25	12.33	0.33	0.0	3.25	29.32	1.041	6.3512e-06	1.710
8.08	26.13	3.25	19.08	0.11	0.0	3.25	14.53	1.586	0.0	0.364
7.70	92.34	3.25	23.91	0.28	0.0	3.25	24.25	1.463	0.0	0.068
7.62	261.56	3.25	12.16	0.33	0.0	3.25	29.32	1.041	2.1913e-05	1.727
7.60	109.88	3.25	13.87	0.28	0.0	0.0	0.0	0.0	0.0	0.0
7.23	114.20	3.25	23.79	0.28	0.0	3.25	23.76	1.478	0.0	0.004
7.20	3.38	3.82	0.75	0.15	0.0	0.0	0.0	0.0	0.0	0.0
7.13	276.32	3.24	11.86	0.33	0.0	3.25	31.20	0.726	7.3404e-04	2.793
6.73	77.21	3.25	23.12	0.28	0.0	3.25	23.00	1.544	0.0	0.017
6.63	277.35	3.25	11.82	0.33	0.0	3.25	29.12	1.071	5.9452e-05	1.693
6.53	65.29	3.25	26.12	0.28	0.0	3.25	25.94	1.220	0.0	0.072
6.42	21.14	3.25	17.30	0.11	0.0	3.25	14.53	1.586	0.0	0.222

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
6.25	6.00	3.25	-0.20	0.25	0.0	3.25	-0.20	0.413	0.0	0.0
6.23	153.70	3.25	24.73	0.28	0.0	3.25	24.33	1.012	0.0	0.052
6.20	301.49	3.25	0.76	0.25	0.0	0.0	0.0	0.0	0.0	0.0
6.14	271.51	3.25	12.06	0.33	0.0	3.25	29.15	1.068	0.0	1.677
6.03	20.88	3.25	27.66	0.16	0.0	3.25	26.94	1.075	0.0	0.527
5.72	187.99	3.25	25.18	0.28	0.0	3.25	27.16	0.988	0.0	0.374
5.64	277.94	3.25	11.80	0.33	0.0	3.25	29.12	1.071	0.0	1.696
5.22	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
5.15	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
4.76	12.43	3.25	13.86	0.11	0.0	3.25	14.53	1.586	0.0	0.054
4.72	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
4.66	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
4.22	192.67	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
4.16	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
3.71	196.35	3.25	25.27	0.28	0.0	3.25	24.27	1.071	0.0	0.131
3.67	281.12	3.25	11.69	0.33	0.0	3.25	31.20	0.726	0.0	2.817
3.21	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
3.17	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
3.10	11.69	3.25	14.61	0.11	0.0	3.25	14.53	1.586	0.0	0.006
2.71	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
2.68	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
2.21	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
2.18	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
1.70	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
1.69	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
1.20	192.68	3.25	25.24	0.28	0.0	3.25	27.16	0.988	0.0	0.362
1.19	277.57	3.25	11.81	0.33	0.0	3.25	29.12	1.071	0.0	1.694
0.70	403.27	3.25	17.27	0.33	0.0	3.25	28.86	1.043	0.0	1.164
0.35	332.06	3.25	17.27	0.33	0.0	3.25	31.36	0.624	0.0	2.368
Risulta	1.404e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.254	0.798	0.150	1.011e+04	72.0	0.04	3.08e-04	4.32e-03	3.08e-05	0.0	0.0
2	2.464	0.406	0.241	216.51	1.5	1229.02	8.8	22.66	0.2	0.0	0.0
3	2.512	0.398	0.241	62.96	0.4	4201.53	29.9	94.55	0.7	0.0	0.0
4	2.794	0.358	0.241	1.13	8.03e-03	1479.68	10.5	88.21	0.6	0.0	0.0
5	2.954	0.339	0.241	2.49e-03	1.77e-05	2948.46	21.0	972.22	6.9	0.0	0.0
6	4.901	0.204	0.241	0.03	1.86e-04	344.49	2.5	3780.94	26.9	0.0	0.0
7	5.256	0.190	0.241	3.18	2.27e-02	3279.77	23.4	504.35	3.6	0.0	0.0
8	6.287	0.159	0.236	2868.54	20.4	2.97	2.11e-02	1.65	1.17e-02	0.0	0.0
9	6.331	0.158	0.235	0.20	1.45e-03	66.98	0.5	8406.72	59.9	0.0	0.0
Risulta				1.326e+04		1.355e+04		1.387e+04			
In percentuale				94.48		96.54		98.80			

CDC	Tipo	Sigla Id	Note
37	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. -)	
			categoria suolo: C
			fattore di sito S = 1.500

Firmato digitalmente da: Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

CDC	Tipo	Sigla Id	Note
			ordinata spettro (tratto Tb-Tc) = 0.241 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.398 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
18.20	34.77	3.25	0.77	-0.25	0.0	3.25	0.75	0.719	0.0	0.020
17.86	118.70	3.25	30.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.47	304.36	3.25	31.27	-0.38	0.0	3.25	30.77	1.142	1.4830e-06	0.082
16.36	204.12	3.25	13.13	-0.25	0.0	3.25	13.36	1.107	0.0	0.036
16.16	9.84	3.25	2.85	-0.25	0.0	3.25	2.85	1.732	1.0777e-06	1.2008e-06
14.80	45.31	3.25	14.53	-0.11	0.0	3.25	14.53	1.586	0.0	0.0
14.55	26.18	3.25	0.74	-0.25	0.0	3.25	0.75	0.719	0.0	0.005
13.40	137.18	3.25	14.14	-0.25	0.0	3.25	14.09	1.205	0.0	0.009
13.06	40.61	3.25	14.72	-0.11	0.0	3.25	14.53	1.586	0.0	0.015
11.80	22.66	3.25	0.75	-0.25	0.0	3.25	0.75	0.719	0.0	0.0
11.20	252.19	3.25	3.82	-0.28	0.0	3.25	1.33	1.227	3.4812e-05	0.719
11.10	2384.05	3.25	24.27	-0.42	0.0	3.25	24.59	1.037	4.2610e-05	0.032
10.95	116.57	3.25	2.69	-0.28	0.0	3.25	1.33	1.227	0.0	0.393
10.80	182.62	3.25	25.04	-0.42	0.0	3.25	23.29	1.123	0.0	0.160
10.60	240.96	3.25	22.30	-0.28	0.0	3.25	23.29	1.125	0.0	0.091
10.50	149.87	3.25	2.69	-0.28	0.0	3.25	1.33	1.227	0.0	0.393
10.10	13.29	3.25	20.37	-0.28	0.0	3.25	20.37	1.438	0.0	0.0
10.05	149.87	3.25	2.69	-0.28	0.0	3.25	1.33	1.227	0.0	0.393
9.95	30.09	3.25	20.37	-0.28	0.0	3.25	20.37	1.438	0.0	0.0
9.74	36.11	3.25	17.26	-0.11	0.0	3.25	14.53	1.586	0.0	0.218
9.60	348.15	3.25	12.51	-0.33	0.0	3.25	21.42	1.234	0.0	0.758
9.13	251.71	3.25	17.65	-0.28	0.0	3.25	14.41	1.442	0.0	0.397
9.11	261.13	3.25	12.17	-0.33	0.0	3.25	29.32	1.041	6.1605e-06	1.727
9.05	22.95	3.25	0.75	-0.25	0.0	3.25	0.75	0.719	0.0	0.004
8.65	251.59	3.25	17.66	-0.28	0.0	3.25	14.41	1.442	0.0	0.398
8.61	260.75	3.25	12.17	-0.33	0.0	3.25	29.32	1.041	1.2339e-05	1.726
8.18	347.16	3.25	16.52	-0.28	0.0	3.25	14.38	1.442	0.0	0.262
8.12	253.29	3.25	12.33	-0.33	0.0	3.25	29.32	1.041	6.3512e-06	1.710
8.08	26.13	3.25	19.08	-0.11	0.0	3.25	14.53	1.586	0.0	0.364
7.70	92.34	3.25	23.91	-0.28	0.0	3.25	24.25	1.463	0.0	0.068
7.62	261.56	3.25	12.16	-0.33	0.0	3.25	29.32	1.041	2.1913e-05	1.727
7.60	109.88	3.25	13.87	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
7.23	114.20	3.25	23.79	-0.28	0.0	3.25	23.76	1.478	0.0	0.004
7.20	3.38	3.82	0.75	-0.15	0.0	0.0	0.0	0.0	0.0	0.0
7.13	276.32	3.24	11.86	-0.33	0.0	3.25	31.20	0.726	7.3404e-04	2.793
6.73	77.21	3.25	23.12	-0.28	0.0	3.25	23.00	1.544	0.0	0.017
6.63	277.35	3.25	11.82	-0.33	0.0	3.25	29.12	1.071	5.9452e-05	1.693
6.53	65.29	3.25	26.12	-0.28	0.0	3.25	25.94	1.220	0.0	0.072
6.42	21.14	3.25	17.30	-0.11	0.0	3.25	14.53	1.586	0.0	0.222
6.25	6.00	3.25	-0.20	-0.25	0.0	3.25	-0.20	0.413	0.0	0.0
6.23	153.70	3.25	24.73	-0.28	0.0	3.25	24.33	1.012	0.0	0.052
6.20	301.49	3.25	0.76	-0.25	0.0	0.0	0.0	0.0	0.0	0.0
6.14	271.51	3.25	12.06	-0.33	0.0	3.25	29.15	1.068	0.0	1.677
6.03	20.88	3.25	27.66	-0.16	0.0	3.25	26.94	1.075	0.0	0.527
5.72	187.99	3.25	25.18	-0.28	0.0	3.25	27.16	0.988	0.0	0.374
5.64	277.94	3.25	11.80	-0.33	0.0	3.25	29.12	1.071	0.0	1.696
5.22	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
5.15	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
4.76	12.43	3.25	13.86	-0.11	0.0	3.25	14.53	1.586	0.0	0.054

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
4.72	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
4.66	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
4.22	192.67	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
4.16	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
3.71	196.35	3.25	25.27	-0.28	0.0	3.25	24.27	1.071	0.0	0.131
3.67	281.12	3.25	11.69	-0.33	0.0	3.25	31.20	0.726	0.0	2.817
3.21	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
3.17	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
3.10	11.69	3.25	14.61	-0.11	0.0	3.25	14.53	1.586	0.0	0.006
2.71	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
2.68	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
2.21	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
2.18	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
1.70	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
1.69	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
1.20	192.68	3.25	25.24	-0.28	0.0	3.25	27.16	0.988	0.0	0.362
1.19	277.57	3.25	11.81	-0.33	0.0	3.25	29.12	1.071	0.0	1.694
0.70	403.27	3.25	17.27	-0.33	0.0	3.25	28.86	1.043	0.0	1.164
0.35	332.06	3.25	17.27	-0.33	0.0	3.25	31.36	0.624	0.0	2.368
Risulta	1.404e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.254	0.798	0.150	1.011e+04	72.0	2.96e-05	0.0	4.89e-03	3.49e-05	0.0	0.0
2	2.460	0.407	0.241	189.39	1.3	1485.25	10.6	30.35	0.2	0.0	0.0
3	2.513	0.398	0.241	91.00	0.6	3764.23	26.8	83.50	0.6	0.0	0.0
4	2.778	0.360	0.241	0.54	3.84e-03	1751.15	12.5	79.76	0.6	0.0	0.0
5	2.953	0.339	0.241	0.10	7.31e-04	2843.53	20.3	988.65	7.0	0.0	0.0
6	4.965	0.201	0.241	0.02	1.52e-04	377.27	2.7	4236.12	30.2	0.0	0.0
7	5.240	0.191	0.241	0.18	1.27e-03	3273.99	23.3	521.09	3.7	0.0	0.0
8	6.286	0.159	0.236	2870.94	20.4	0.22	1.57e-03	0.75	5.34e-03	0.0	0.0
9	6.396	0.156	0.233	0.38	2.72e-03	50.87	0.4	7945.32	56.6	0.0	0.0
Risulta				1.326e+04		1.355e+04		1.389e+04			
In percentuale				94.48		96.49		98.91			

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

Cmb	Pilas.	1000 etaT/h	etaT cm	inter. h cm	Pilas.	1000 etaT/h	etaT cm	inter. h cm	Pilas.	1000 etaT/h	etaT cm	inter. h cm
387	633	4.09	0.94	230.0	634	3.96	0.91	230.0	636	3.80	0.87	230.0
	637	3.92	0.90	230.0	639	3.60	0.83	230.0	640	3.74	0.86	230.0
	642	3.35	0.77	230.0	643	3.51	0.81	230.0	645	3.17	0.73	230.0
	646	3.07	0.71	230.0	648	3.68	1.98	537.0	650	3.60	1.93	537.0
	652	3.61	1.94	537.0	654	3.77	2.03	537.0	656	3.68	1.97	537.0
	658	3.78	2.03	537.0	660	3.75	2.01	537.0	662	3.87	2.08	537.0
	664	3.99	2.14	537.0	666	4.08	2.19	537.0	668	3.99	2.14	537.0
	670	4.06	2.18	537.0	695	5.14	1.52	296.0	696	4.94	1.46	296.0
	697	5.00	1.48	296.0	698	4.58	1.36	296.0	699	4.83	1.43	296.0
	700	4.37	1.29	296.0	701	4.66	1.38	296.0	702	4.15	1.23	296.0
	703	4.24	1.26	296.0	704	3.87	1.15	296.0	745	2.72	0.65	240.0
	746	2.66	0.15	56.7	747	2.75	0.46	166.0	748	2.71	0.19	70.8
	749	2.83	0.47	166.0	750	2.57	0.37	146.0	751	3.96	0.74	186.0
	752	3.84	0.67	174.0	753	2.72	0.65	240.0	754	2.81	0.16	56.7
	755	2.75	0.46	166.0	756	2.77	0.20	70.8	757	2.83	0.47	166.0

	758	2.54	0.37	146.0	759	4.04	0.75	186.0	760	3.86	0.67	174.0
	761	2.76	0.66	240.0	762	2.95	0.17	56.7	763	2.80	0.47	166.0
	764	2.82	0.20	70.8	765	2.89	0.48	166.0	766	2.39	0.35	146.0
	767	5.81	1.08	186.0	768	3.66	0.64	174.0	769	2.75	0.66	240.0
	770	2.77	0.16	56.7	771	2.82	0.47	166.0	772	2.57	0.18	70.8
	773	2.89	0.48	166.0	774	2.41	0.35	146.0	775	5.77	1.07	186.0
	776	3.64	0.63	174.0	811	2.78	0.30	109.3	836	2.86	0.31	109.3
	837	3.20	0.30	95.2	838	3.11	0.30	95.2	839	2.84	0.31	109.3
	840	3.25	0.31	95.2	841	2.90	0.32	109.3	842	3.45	0.33	95.2
	875	2.73	0.66	240.0	876	2.67	0.16	61.4	877	2.73	0.35	126.8
	878	5.59	0.06	10.8	879	2.71	0.45	166.0	880	2.92	0.40	136.0
	881	3.92	0.77	196.0	882	3.80	0.66	174.0	883	2.73	0.66	240.0
	884	2.78	0.17	61.4	885	2.77	0.35	126.8	886	4.62	0.05	10.8
	887	2.78	0.46	166.0	888	2.28	0.31	136.0	889	3.59	0.70	196.0
	890	3.45	0.60	174.0	891	2.79	0.67	240.0	892	3.00	0.18	61.4
	893	2.87	0.36	126.8	894	4.48	0.05	10.8	895	2.64	0.44	166.0
	896	2.13	0.29	136.0	897	4.96	0.97	196.0	898	4.44	0.77	174.0
	899	2.79	0.67	240.0	900	2.73	0.17	61.4	901	2.93	0.37	126.8
	902	5.44	0.06	10.8	903	2.61	0.43	166.0	904	2.83	0.38	136.0
	905	5.21	1.02	196.0	906	4.73	0.82	174.0	941	2.77	0.29	104.6
	960	2.85	0.30	104.6	961	4.66	0.72	155.2	962	4.09	0.63	155.2
	963	2.88	0.30	104.6	964	4.18	0.65	155.2	965	2.83	0.30	104.6
	966	4.71	0.73	155.2	1004	3.14	1.56	496.0	1005	3.12	1.55	496.0
	1009	109.17	2.18	20.0	1010	94.20	1.88	20.0	1081	2.77	0.01	5.0
	1082	3.18	0.02	5.0	1084	4.30	1.23	285.0	1085	4.61	1.31	285.0
	1088	6.90	1.90	275.0	1089	6.82	1.88	275.0	1090	6.90	1.90	275.0
	1091	6.84	1.88	275.0	1092	6.55	1.80	275.0	1093	6.64	1.83	275.0
	1094	6.51	1.79	275.0	1095	6.61	1.82	275.0	1096	5.27	1.92	365.0
	1097	5.01	1.83	365.0	1098	5.30	1.94	365.0	1099	5.07	1.85	365.0
	1119	5.59	0.22	39.2	1120	4.67	0.18	39.2	1121	4.42	0.17	39.2
	1122	5.42	0.21	39.2	1123	4.36	1.22	280.0	1124	4.66	1.30	280.0
388	633	3.75	0.86	230.0	634	3.63	0.84	230.0	636	3.62	0.83	230.0
	637	3.74	0.86	230.0	639	3.56	0.82	230.0	640	3.70	0.85	230.0
	642	3.39	0.78	230.0	643	3.52	0.81	230.0	645	3.41	0.78	230.0
	646	3.23	0.74	230.0	648	3.04	1.63	537.0	650	3.22	1.73	537.0
	652	3.15	1.69	537.0	654	3.26	1.75	537.0	656	3.20	1.72	537.0
	658	3.28	1.76	537.0	660	3.32	1.78	537.0	662	3.42	1.83	537.0
	664	3.61	1.94	537.0	666	3.70	1.99	537.0	668	3.63	1.95	537.0
	670	3.63	1.95	537.0	695	4.75	1.41	296.0	696	4.60	1.36	296.0
	697	4.66	1.38	296.0	698	4.33	1.28	296.0	699	4.48	1.33	296.0
	700	4.15	1.23	296.0	701	4.26	1.26	296.0	702	3.92	1.16	296.0
	703	3.85	1.14	296.0	704	3.77	1.11	296.0	745	2.64	0.63	240.0
	746	2.58	0.15	56.7	747	2.71	0.45	166.0	748	2.57	0.18	70.8
	749	2.82	0.47	166.0	750	2.39	0.35	146.0	751	4.12	0.77	186.0
	752	3.96	0.69	174.0	753	2.65	0.64	240.0	754	2.73	0.15	56.7
	755	2.71	0.45	166.0	756	2.66	0.19	70.8	757	2.80	0.47	166.0
	758	2.40	0.35	146.0	759	3.83	0.71	186.0	760	3.66	0.64	174.0
	761	2.69	0.64	240.0	762	2.89	0.16	56.7	763	2.76	0.46	166.0
	764	2.80	0.20	70.8	765	2.85	0.47	166.0	766	2.27	0.33	146.0
	767	5.49	1.02	186.0	768	6.55	1.14	174.0	769	2.67	0.64	240.0
	770	2.76	0.16	56.7	771	2.77	0.46	166.0	772	2.57	0.18	70.8
	773	2.87	0.48	166.0	774	2.23	0.33	146.0	775	5.72	1.06	186.0
	776	6.72	1.17	174.0	811	2.77	0.30	109.3	836	2.87	0.31	109.3
	837	3.31	0.32	95.2	838	3.15	0.30	95.2	839	2.80	0.31	109.3
	840	3.21	0.31	95.2	841	2.87	0.31	109.3	842	3.43	0.33	95.2
	875	2.69	0.64	240.0	876	2.67	0.16	61.4	877	2.73	0.35	126.8
	878	4.94	0.05	10.8	879	2.98	0.50	166.0	880	3.84	0.52	136.0
	881	3.76	0.74	196.0	882	3.65	0.63	174.0	883	2.69	0.65	240.0
	884	2.77	0.17	61.4	885	2.76	0.35	126.8	886	4.26	0.05	10.8
	887	2.95	0.49	166.0	888	3.04	0.41	136.0	889	3.60	0.71	196.0
	890	3.47	0.60	174.0	891	2.74	0.66	240.0	892	2.95	0.18	61.4
	893	2.78	0.35	126.8	894	4.16	0.04	10.8	895	2.79	0.46	166.0
	896	2.87	0.39	136.0	897	5.01	0.98	196.0	898	4.50	0.78	174.0
	899	2.73	0.66	240.0	900	2.67	0.16	61.4	901	2.82	0.36	126.8
	902	4.89	0.05	10.8	903	2.87	0.48	166.0	904	3.70	0.50	136.0
	905	5.13	1.01	196.0	906	4.65	0.81	174.0	941	2.69	0.28	104.6
	960	2.76	0.29	104.6	961	4.14	0.64	155.2	962	3.83	0.59	155.2
	963	2.83	0.30	104.6	964	3.90	0.60	155.2	965	2.77	0.29	104.6

Firmato digitalmente da: Cogli Massimo
Firmato il 01/08/2024 18:24
Serial Certificato: 2e0285
Valido dal 01/09/2023 al
Qualified Electronic

	966	4.16	0.65	155.2	1004	3.11	1.54	496.0	1005	3.06	1.52	496.0
	1009	57.42	1.15	20.0	1010	48.86	0.98	20.0	1081	2.68	0.01	5.0
	1082	3.07	0.02	5.0	1084	3.66	1.04	285.0	1085	3.95	1.13	285.0
	1088	5.32	1.46	275.0	1089	5.25	1.44	275.0	1090	5.32	1.46	275.0
	1091	5.28	1.45	275.0	1092	5.05	1.39	275.0	1093	5.15	1.42	275.0
	1094	5.02	1.38	275.0	1095	5.13	1.41	275.0	1096	4.33	1.58	365.0
	1097	4.09	1.49	365.0	1098	4.35	1.59	365.0	1099	4.15	1.52	365.0
	1119	4.96	0.19	39.2	1120	4.30	0.17	39.2	1121	4.11	0.16	39.2
	1122	4.92	0.19	39.2	1123	3.70	1.04	280.0	1124	3.98	1.12	280.0
389	633	3.87	0.89	230.0	634	3.56	0.82	230.0	636	3.76	0.86	230.0
	637	3.61	0.83	230.0	639	3.68	0.85	230.0	640	3.55	0.82	230.0
	642	3.53	0.81	230.0	643	3.33	0.77	230.0	645	3.52	0.81	230.0
	646	3.02	0.70	230.0	648	3.59	1.93	537.0	650	3.80	2.04	537.0
	652	3.93	2.11	537.0	654	3.86	2.07	537.0	656	4.00	2.15	537.0
	658	3.97	2.13	537.0	660	4.12	2.21	537.0	662	4.13	2.22	537.0
	664	4.40	2.36	537.0	666	4.39	2.36	537.0	668	4.39	2.36	537.0
	670	4.39	2.36	537.0	695	4.45	1.32	296.0	696	4.80	1.42	296.0
	697	4.44	1.31	296.0	698	4.68	1.39	296.0	699	4.40	1.30	296.0
	700	4.64	1.37	296.0	701	4.29	1.27	296.0	702	4.58	1.36	296.0
	703	4.00	1.19	296.0	704	4.47	1.32	296.0	745	2.64	0.63	240.0
	746	2.73	0.15	56.7	747	2.67	0.44	166.0	748	2.71	0.19	70.8
	749	2.75	0.46	166.0	750	2.54	0.37	146.0	751	3.89	0.72	186.0
	752	3.71	0.65	174.0	753	2.64	0.63	240.0	754	2.59	0.15	56.7
	755	2.67	0.44	166.0	756	2.62	0.19	70.8	757	2.75	0.46	166.0
	758	2.48	0.36	146.0	759	3.78	0.70	186.0	760	3.69	0.64	174.0
	761	2.69	0.64	240.0	762	2.61	0.15	56.7	763	2.69	0.45	166.0
	764	2.45	0.17	70.8	765	2.80	0.46	166.0	766	2.34	0.34	146.0
	767	5.45	1.01	186.0	768	6.54	1.14	174.0	769	2.69	0.65	240.0
	770	2.78	0.16	56.7	771	2.72	0.45	166.0	772	2.69	0.19	70.8
	773	2.80	0.46	166.0	774	2.41	0.35	146.0	775	5.51	1.02	186.0
	776	6.54	1.14	174.0	811	2.77	0.30	109.3	836	2.70	0.30	109.3
	837	3.04	0.29	95.2	838	3.05	0.29	95.2	839	2.92	0.32	109.3
	840	3.29	0.31	95.2	841	2.78	0.30	109.3	842	3.12	0.30	95.2
	875	2.77	0.67	240.0	876	2.81	0.17	61.4	877	2.80	0.36	126.8
	878	5.65	0.06	10.8	879	2.90	0.48	166.0	880	2.93	0.40	136.0
	881	3.69	0.72	196.0	882	3.54	0.62	174.0	883	2.77	0.67	240.0
	884	2.71	0.17	61.4	885	2.77	0.35	126.8	886	5.00	0.05	10.8
	887	2.87	0.48	166.0	888	2.26	0.31	136.0	889	4.00	0.78	196.0
	890	3.86	0.67	174.0	891	2.83	0.68	240.0	892	2.69	0.17	61.4
	893	2.89	0.37	126.8	894	5.03	0.05	10.8	895	2.77	0.46	166.0
	896	2.12	0.29	136.0	897	5.32	1.04	196.0	898	4.83	0.84	174.0
	899	2.84	0.68	240.0	900	2.94	0.18	61.4	901	2.89	0.37	126.8
	902	5.36	0.06	10.8	903	2.75	0.46	166.0	904	2.83	0.38	136.0
	905	5.09	1.00	196.0	906	4.56	0.79	174.0	941	2.88	0.30	104.6
	960	2.82	0.29	104.6	961	4.78	0.74	155.2	962	4.37	0.68	155.2
	963	2.90	0.30	104.6	964	4.41	0.68	155.2	965	2.92	0.31	104.6
	966	4.87	0.76	155.2	1004	2.99	1.48	496.0	1005	3.01	1.49	496.0
	1009	91.48	1.83	20.0	1010	102.73	2.05	20.0	1081	3.04	0.02	5.0
	1082	2.63	0.01	5.0	1084	3.92	1.12	285.0	1085	3.61	1.03	285.0
	1088	5.21	1.43	275.0	1089	5.29	1.46	275.0	1090	5.23	1.44	275.0
	1091	5.29	1.46	275.0	1092	5.11	1.41	275.0	1093	5.02	1.38	275.0
	1094	5.09	1.40	275.0	1095	4.99	1.37	275.0	1096	4.03	1.47	365.0
	1097	4.29	1.57	365.0	1098	4.09	1.49	365.0	1099	4.32	1.58	365.0
	1119	5.65	0.22	39.2	1120	5.06	0.20	39.2	1121	5.09	0.20	39.2
	1122	5.25	0.21	39.2	1123	3.95	1.11	280.0	1124	3.65	1.02	280.0
390	633	4.16	0.96	230.0	634	3.85	0.88	230.0	636	3.91	0.90	230.0
	637	3.76	0.87	230.0	639	3.71	0.85	230.0	640	3.58	0.82	230.0
	642	3.51	0.81	230.0	643	3.32	0.76	230.0	645	3.33	0.77	230.0
	646	2.91	0.67	230.0	648	3.30	1.77	537.0	650	3.20	1.72	537.0
	652	3.24	1.74	537.0	654	3.12	1.67	537.0	656	3.27	1.75	537.0
	658	3.16	1.70	537.0	660	3.33	1.79	537.0	662	3.26	1.75	537.0
	664	3.59	1.93	537.0	666	3.48	1.87	537.0	668	3.53	1.89	537.0
	670	3.49	1.87	537.0	695	4.73	1.40	296.0	696	5.25	1.55	296.0
	697	4.44	1.31	296.0	698	4.84	1.43	296.0	699	4.11	1.22	296.0
	700	4.49	1.33	296.0	701	3.73	1.10	296.0	702	4.16	1.23	296.0
	703	3.19	0.94	296.0	704	3.78	1.12	296.0	745	2.74	0.66	240.0
	746	2.81	0.16	56.7	747	2.80	0.46	166.0	748	2.74	0.19	70.8
	749	2.90	0.48	166.0	750	2.47	0.36	146.0	751	4.02	0.75	186.0

Firmato digitalmente da:
Pagani Massimo
Firmato il
26/03/2024 18:24
Seriale Certificato:
2992f65
Valido dal 01/09/2023 al
Qualified Electronic Signature

	752	3.85	0.67	174.0	753	2.73	0.66	240.0	754	2.68	0.15	56.7
	755	2.80	0.47	166.0	756	2.66	0.19	70.8	757	2.91	0.48	166.0
	758	2.43	0.36	146.0	759	4.26	0.79	186.0	760	4.09	0.71	174.0
	761	2.78	0.67	240.0	762	2.79	0.16	56.7	763	2.82	0.47	166.0
	764	2.59	0.18	70.8	765	2.97	0.49	166.0	766	2.26	0.33	146.0
	767	6.02	1.12	186.0	768	3.92	0.68	174.0	769	2.80	0.67	240.0
	770	2.92	0.17	56.7	771	2.86	0.47	166.0	772	2.82	0.20	70.8
	773	2.96	0.49	166.0	774	2.32	0.34	146.0	775	5.83	1.08	186.0
	776	3.66	0.64	174.0	811	2.95	0.32	109.3	836	2.88	0.32	109.3
	837	3.33	0.32	95.2	838	3.35	0.32	95.2	839	3.07	0.34	109.3
	840	3.55	0.34	95.2	841	2.94	0.32	109.3	842	3.39	0.32	95.2
	875	2.64	0.63	240.0	876	2.73	0.17	61.4	877	2.72	0.35	126.8
	878	4.73	0.05	10.8	879	3.01	0.50	166.0	880	3.98	0.54	136.0
	881	3.52	0.69	196.0	882	3.38	0.59	174.0	883	2.64	0.63	240.0
	884	2.63	0.16	61.4	885	2.68	0.34	126.8	886	4.19	0.05	10.8
	887	2.88	0.48	166.0	888	3.04	0.41	136.0	889	3.70	0.72	196.0
	890	3.58	0.62	174.0	891	2.71	0.65	240.0	892	2.57	0.16	61.4
	893	2.74	0.35	126.8	894	4.33	0.05	10.8	895	2.80	0.47	166.0
	896	2.88	0.39	136.0	897	5.03	0.99	196.0	898	4.55	0.79	174.0
	899	2.71	0.65	240.0	900	2.82	0.17	61.4	901	2.72	0.34	126.8
	902	4.52	0.05	10.8	903	2.89	0.48	166.0	904	3.85	0.52	136.0
	905	4.88	0.96	196.0	906	4.38	0.76	174.0	941	2.72	0.28	104.6
	960	2.65	0.28	104.6	961	4.00	0.62	155.2	962	3.71	0.58	155.2
	963	2.78	0.29	104.6	964	3.77	0.58	155.2	965	2.80	0.29	104.6
	966	4.11	0.64	155.2	1004	3.20	1.59	496.0	1005	3.23	1.60	496.0
	1009	60.67	1.21	20.0	1010	66.55	1.33	20.0	1081	3.22	0.02	5.0
	1082	2.82	0.01	5.0	1084	4.65	1.32	285.0	1085	4.36	1.24	285.0
	1088	6.86	1.89	275.0	1089	6.94	1.91	275.0	1090	6.88	1.89	275.0
	1091	6.93	1.91	275.0	1092	6.68	1.84	275.0	1093	6.59	1.81	275.0
	1094	6.65	1.83	275.0	1095	6.54	1.80	275.0	1096	5.07	1.85	365.0
	1097	5.32	1.94	365.0	1098	5.13	1.87	365.0	1099	5.34	1.95	365.0
	1119	4.72	0.19	39.2	1120	4.25	0.17	39.2	1121	4.41	0.17	39.2
	1122	4.41	0.17	39.2	1123	4.69	1.31	280.0	1124	4.41	1.24	280.0
391	633	3.78	0.87	230.0	634	3.65	0.84	230.0	636	3.64	0.84	230.0
	637	3.76	0.87	230.0	639	3.58	0.82	230.0	640	3.71	0.85	230.0
	642	3.36	0.77	230.0	643	3.63	0.83	230.0	645	3.35	0.77	230.0
	646	3.26	0.75	230.0	648	3.65	1.96	537.0	650	3.57	1.92	537.0
	652	3.72	2.00	537.0	654	3.80	2.04	537.0	656	3.81	2.04	537.0
	658	3.83	2.06	537.0	660	3.93	2.11	537.0	662	3.97	2.13	537.0
	664	4.21	2.26	537.0	666	4.23	2.27	537.0	668	4.22	2.27	537.0
	670	4.21	2.26	537.0	695	4.60	1.36	296.0	696	4.59	1.36	296.0
	697	4.65	1.38	296.0	698	4.43	1.31	296.0	699	4.62	1.37	296.0
	700	4.39	1.30	296.0	701	4.61	1.37	296.0	702	4.29	1.27	296.0
	703	4.26	1.26	296.0	704	4.18	1.24	296.0	745	2.63	0.63	240.0
	746	2.58	0.15	56.7	747	2.66	0.44	166.0	748	2.61	0.18	70.8
	749	2.74	0.45	166.0	750	2.47	0.36	146.0	751	3.77	0.70	186.0
	752	3.68	0.64	174.0	753	2.63	0.63	240.0	754	2.72	0.15	56.7
	755	2.66	0.44	166.0	756	2.71	0.19	70.8	757	2.74	0.45	166.0
	758	2.53	0.37	146.0	759	3.88	0.72	186.0	760	3.70	0.64	174.0
	761	2.67	0.64	240.0	762	2.85	0.16	56.7	763	2.71	0.45	166.0
	764	2.75	0.19	70.8	765	2.79	0.46	166.0	766	2.41	0.35	146.0
	767	5.50	1.02	186.0	768	4.97	0.86	174.0	769	2.66	0.64	240.0
	770	2.68	0.15	56.7	771	2.73	0.45	166.0	772	2.49	0.18	70.8
	773	2.79	0.46	166.0	774	2.33	0.34	146.0	775	5.44	1.01	186.0
	776	4.96	0.86	174.0	811	2.69	0.29	109.3	836	2.76	0.30	109.3
	837	3.04	0.29	95.2	838	3.03	0.29	95.2	839	2.74	0.30	109.3
	840	3.11	0.30	95.2	841	2.80	0.31	109.3	842	3.28	0.31	95.2
	875	2.78	0.67	240.0	876	2.72	0.17	61.4	877	2.78	0.35	126.8
	878	4.95	0.05	10.8	879	2.81	0.47	166.0	880	2.20	0.30	136.0
	881	3.99	0.78	196.0	882	3.87	0.67	174.0	883	2.78	0.67	240.0
	884	2.82	0.17	61.4	885	2.81	0.36	126.8	886	5.58	0.06	10.8
	887	2.83	0.47	166.0	888	2.84	0.39	136.0	889	3.70	0.73	196.0
	890	3.55	0.62	174.0	891	2.83	0.68	240.0	892	3.05	0.19	61.4
	893	2.92	0.37	126.8	894	5.28	0.06	10.8	895	2.66	0.44	166.0
	896	2.73	0.37	136.0	897	5.10	1.00	196.0	898	3.67	0.64	174.0
	899	2.83	0.68	240.0	900	2.77	0.17	61.4	901	2.95	0.37	126.8
	902	4.97	0.05	10.8	903	2.68	0.45	166.0	904	2.04	0.28	136.0
	905	5.33	1.04	196.0	906	3.99	0.69	174.0	941	2.82	0.30	104.6

Firmato digitalmente da:
Gregori Massimo
Firmato il
07/05/2024 18:24
Serial Certificato:
2e2255
Valido dal 07/09/2023 al
07/09/2026
Qualified Electronic
Signature

	960	2.89	0.30	104.6	961	4.33	0.67	155.2	962	4.73	0.73	155.2
	963	2.92	0.31	104.6	964	4.80	0.74	155.2	965	2.87	0.30	104.6
	966	4.34	0.67	155.2	1004	3.00	1.49	496.0	1005	2.98	1.48	496.0
	1009	100.34	2.01	20.0	1010	89.52	1.79	20.0	1081	2.62	0.01	5.0
	1082	3.03	0.02	5.0	1084	3.59	1.02	285.0	1085	3.90	1.11	285.0
	1088	5.24	1.44	275.0	1089	5.15	1.42	275.0	1090	5.24	1.44	275.0
	1091	5.17	1.42	275.0	1092	4.97	1.37	275.0	1093	5.06	1.39	275.0
	1094	4.93	1.36	275.0	1095	5.04	1.39	275.0	1096	4.26	1.55	365.0
	1097	4.00	1.46	365.0	1098	4.28	1.56	365.0	1099	4.05	1.48	365.0
	1119	5.01	0.20	39.2	1120	5.57	0.22	39.2	1121	5.16	0.20	39.2
	1122	5.03	0.20	39.2	1123	3.63	1.02	280.0	1124	3.93	1.10	280.0
392	633	4.05	0.93	230.0	634	3.94	0.91	230.0	636	3.78	0.87	230.0
	637	3.90	0.90	230.0	639	3.58	0.82	230.0	640	3.72	0.86	230.0
	642	3.38	0.78	230.0	643	3.40	0.78	230.0	645	3.22	0.74	230.0
	646	3.04	0.70	230.0	648	3.11	1.67	537.0	650	3.22	1.73	537.0
	652	3.06	1.64	537.0	654	3.19	1.71	537.0	656	3.08	1.65	537.0
	658	3.19	1.71	537.0	660	3.14	1.69	537.0	662	3.26	1.75	537.0
	664	3.39	1.82	537.0	666	3.50	1.88	537.0	668	3.39	1.82	537.0
	670	3.42	1.84	537.0	695	5.08	1.50	296.0	696	4.91	1.45	296.0
	697	4.82	1.43	296.0	698	4.47	1.32	296.0	699	4.49	1.33	296.0
	700	4.14	1.22	296.0	701	4.07	1.20	296.0	702	3.78	1.12	296.0
	703	3.56	1.06	296.0	704	3.45	1.02	296.0	745	2.73	0.66	240.0
	746	2.67	0.15	56.7	747	2.80	0.46	166.0	748	2.65	0.19	70.8
	749	2.91	0.48	166.0	750	2.43	0.35	146.0	751	4.26	0.79	186.0
	752	4.09	0.71	174.0	753	2.74	0.66	240.0	754	2.81	0.16	56.7
	755	2.79	0.46	166.0	756	2.74	0.19	70.8	757	2.90	0.48	166.0
	758	2.46	0.36	146.0	759	4.02	0.75	186.0	760	3.85	0.67	174.0
	761	2.78	0.67	240.0	762	2.99	0.17	56.7	763	2.84	0.47	166.0
	764	2.87	0.20	70.8	765	2.96	0.49	166.0	766	2.31	0.34	146.0
	767	5.83	1.08	186.0	768	5.23	0.91	174.0	769	2.77	0.66	240.0
	770	2.85	0.16	56.7	771	2.86	0.48	166.0	772	2.63	0.19	70.8
	773	2.96	0.49	166.0	774	2.26	0.33	146.0	775	6.02	1.12	186.0
	776	5.42	0.94	174.0	811	2.88	0.32	109.3	836	2.95	0.32	109.3
	837	3.35	0.32	95.2	838	3.33	0.32	95.2	839	2.91	0.32	109.3
	840	3.39	0.32	95.2	841	2.97	0.32	109.3	842	3.55	0.34	95.2
	875	2.64	0.63	240.0	876	2.62	0.16	61.4	877	2.68	0.34	126.8
	878	4.12	0.04	10.8	879	2.83	0.47	166.0	880	2.98	0.40	136.0
	881	3.68	0.72	196.0	882	3.57	0.62	174.0	883	2.64	0.63	240.0
	884	2.73	0.17	61.4	885	2.72	0.34	126.8	886	4.63	0.05	10.8
	887	2.96	0.49	166.0	888	3.89	0.53	136.0	889	3.51	0.69	196.0
	890	3.37	0.59	174.0	891	2.70	0.65	240.0	892	2.90	0.18	61.4
	893	2.74	0.35	126.8	894	4.40	0.05	10.8	895	2.83	0.47	166.0
	896	3.75	0.51	136.0	897	4.87	0.95	196.0	898	5.29	0.92	174.0
	899	2.69	0.65	240.0	900	2.63	0.16	61.4	901	2.79	0.35	126.8
	902	4.24	0.05	10.8	903	2.74	0.45	166.0	904	2.82	0.38	136.0
	905	5.01	0.98	196.0	906	5.44	0.95	174.0	941	2.64	0.28	104.6
	960	2.72	0.28	104.6	961	3.65	0.57	155.2	962	3.92	0.61	155.2
	963	2.78	0.29	104.6	964	4.02	0.62	155.2	965	2.73	0.29	104.6
	966	3.69	0.57	155.2	1004	3.23	1.60	496.0	1005	3.20	1.59	496.0
	1009	63.73	1.27	20.0	1010	58.33	1.17	20.0	1081	2.82	0.01	5.0
	1082	3.21	0.02	5.0	1084	4.37	1.24	285.0	1085	4.65	1.33	285.0
	1088	6.98	1.92	275.0	1089	6.90	1.90	275.0	1090	6.98	1.92	275.0
	1091	6.93	1.91	275.0	1092	6.62	1.82	275.0	1093	6.71	1.85	275.0
	1094	6.58	1.81	275.0	1095	6.69	1.84	275.0	1096	5.34	1.95	365.0
	1097	5.09	1.86	365.0	1098	5.37	1.96	365.0	1099	5.16	1.88	365.0
	1119	4.18	0.16	39.2	1120	4.61	0.18	39.2	1121	4.28	0.17	39.2
	1122	4.33	0.17	39.2	1123	4.42	1.24	280.0	1124	4.70	1.32	280.0
393	633	4.17	0.96	230.0	634	3.88	0.89	230.0	636	3.92	0.90	230.0
	637	3.77	0.87	230.0	639	3.70	0.85	230.0	640	3.58	0.82	230.0
	642	3.52	0.81	230.0	643	3.21	0.74	230.0	645	3.33	0.77	230.0
	646	2.83	0.65	230.0	648	3.69	1.98	537.0	650	3.77	2.02	537.0
	652	3.90	2.10	537.0	654	3.74	2.01	537.0	656	3.95	2.12	537.0
	658	3.83	2.06	537.0	660	4.03	2.16	537.0	662	3.94	2.12	537.0
	664	4.26	2.29	537.0	666	4.17	2.24	537.0	668	4.24	2.28	537.0
	670	4.16	2.23	537.0	695	4.76	1.41	296.0	696	5.28	1.56	296.0
	697	4.54	1.34	296.0	698	4.99	1.48	296.0	699	4.33	1.28	296.0
	700	4.80	1.42	296.0	701	4.02	1.19	296.0	702	4.64	1.37	296.0
	703	3.64	1.08	296.0	704	4.39	1.30	296.0	745	2.73	0.65	240.0

Firmato digitalmente da: Fiorillo Massimo
Firmato il 01/10/2024 18:24
Serial Certificato: 2702255
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature

	746	2.81	0.16	56.7	747	2.76	0.46	166.0	748	2.78	0.20	70.8
	749	2.84	0.47	166.0	750	2.54	0.37	146.0	751	4.05	0.75	186.0
	752	3.87	0.67	174.0	753	2.73	0.65	240.0	754	2.67	0.15	56.7
	755	2.76	0.46	166.0	756	2.71	0.19	70.8	757	2.84	0.47	166.0
	758	2.57	0.38	146.0	759	3.97	0.74	186.0	760	3.85	0.67	174.0
	761	2.78	0.67	240.0	762	2.71	0.15	56.7	763	2.78	0.46	166.0
	764	2.52	0.18	70.8	765	2.90	0.48	166.0	766	2.41	0.35	146.0
	767	5.79	1.08	186.0	768	5.22	0.91	174.0	769	2.79	0.67	240.0
	770	2.87	0.16	56.7	771	2.82	0.47	166.0	772	2.77	0.20	70.8
	773	2.90	0.48	166.0	774	2.39	0.35	146.0	775	5.82	1.08	186.0
	776	5.23	0.91	174.0	811	2.87	0.31	109.3	836	2.79	0.31	109.3
	837	3.12	0.30	95.2	838	3.21	0.31	95.2	839	3.03	0.33	109.3
	840	3.46	0.33	95.2	841	2.89	0.32	109.3	842	3.27	0.31	95.2
	875	2.72	0.65	240.0	876	2.76	0.17	61.4	877	2.76	0.35	126.8
	878	4.64	0.05	10.8	879	2.85	0.47	166.0	880	2.33	0.32	136.0
	881	3.59	0.70	196.0	882	3.44	0.60	174.0	883	2.73	0.65	240.0
	884	2.66	0.16	61.4	885	2.72	0.35	126.8	886	5.56	0.06	10.8
	887	2.77	0.46	166.0	888	2.91	0.40	136.0	889	3.93	0.77	196.0
	890	3.80	0.66	174.0	891	2.79	0.67	240.0	892	2.65	0.16	61.4
	893	2.87	0.36	126.8	894	5.43	0.06	10.8	895	2.70	0.45	166.0
	896	2.82	0.38	136.0	897	5.21	1.02	196.0	898	5.60	0.97	174.0
	899	2.79	0.67	240.0	900	2.90	0.18	61.4	901	2.84	0.36	126.8
	902	4.52	0.05	10.8	903	2.73	0.45	166.0	904	2.19	0.30	136.0
	905	4.94	0.97	196.0	906	5.34	0.93	174.0	941	2.84	0.30	104.6
	960	2.76	0.29	104.6	961	4.11	0.64	155.2	962	4.67	0.72	155.2
	963	2.87	0.30	104.6	964	4.72	0.73	155.2	965	2.88	0.30	104.6
	966	4.22	0.66	155.2	1004	3.13	1.55	496.0	1005	3.15	1.56	496.0
	1009	95.03	1.90	20.0	1010	110.28	2.21	20.0	1081	3.19	0.02	5.0
	1082	2.78	0.01	5.0	1084	4.63	1.32	285.0	1085	4.32	1.23	285.0
	1088	6.88	1.89	275.0	1089	6.96	1.91	275.0	1090	6.90	1.90	275.0
	1091	6.96	1.91	275.0	1092	6.69	1.84	275.0	1093	6.60	1.81	275.0
	1094	6.67	1.83	275.0	1095	6.56	1.80	275.0	1096	5.05	1.84	365.0
	1097	5.31	1.94	365.0	1098	5.11	1.86	365.0	1099	5.34	1.95	365.0
	1119	4.68	0.18	39.2	1120	5.55	0.22	39.2	1121	5.41	0.21	39.2
	1122	4.46	0.18	39.2	1123	4.68	1.31	280.0	1124	4.38	1.23	280.0
394	633	3.86	0.89	230.0	634	3.53	0.81	230.0	636	3.75	0.86	230.0
	637	3.60	0.83	230.0	639	3.68	0.85	230.0	640	3.56	0.82	230.0
	642	3.51	0.81	230.0	643	3.44	0.79	230.0	645	3.51	0.81	230.0
	646	3.10	0.71	230.0	648	3.21	1.72	537.0	650	3.22	1.73	537.0
	652	3.30	1.77	537.0	654	3.22	1.73	537.0	656	3.36	1.80	537.0
	658	3.29	1.77	537.0	660	3.47	1.86	537.0	662	3.45	1.85	537.0
	664	3.79	2.03	537.0	666	3.72	2.00	537.0	668	3.73	2.00	537.0
	670	3.73	2.00	537.0	695	4.45	1.32	296.0	696	4.94	1.46	296.0
	697	4.35	1.29	296.0	698	4.70	1.39	296.0	699	4.17	1.23	296.0
	700	4.50	1.33	296.0	701	3.99	1.18	296.0	702	4.29	1.27	296.0
	703	3.56	1.05	296.0	704	4.08	1.21	296.0	745	2.65	0.64	240.0
	746	2.73	0.15	56.7	747	2.71	0.45	166.0	748	2.67	0.19	70.8
	749	2.80	0.47	166.0	750	2.41	0.35	146.0	751	3.83	0.71	186.0
	752	3.66	0.64	174.0	753	2.64	0.63	240.0	754	2.59	0.15	56.7
	755	2.72	0.45	166.0	756	2.57	0.18	70.8	757	2.82	0.47	166.0
	758	2.39	0.35	146.0	759	4.13	0.77	186.0	760	3.96	0.69	174.0
	761	2.69	0.65	240.0	762	2.70	0.15	56.7	763	2.73	0.45	166.0
	764	2.52	0.18	70.8	765	2.87	0.48	166.0	766	2.24	0.33	146.0
	767	5.72	1.06	186.0	768	5.19	0.90	174.0	769	2.70	0.65	240.0
	770	2.82	0.16	56.7	771	2.76	0.46	166.0	772	2.74	0.19	70.8
	773	2.85	0.47	166.0	774	2.28	0.33	146.0	775	5.49	1.02	186.0
	776	4.97	0.86	174.0	811	2.87	0.31	109.3	836	2.77	0.30	109.3
	837	3.15	0.30	95.2	838	3.31	0.32	95.2	839	2.97	0.32	109.3
	840	3.43	0.33	95.2	841	2.83	0.31	109.3	842	3.21	0.31	95.2
	875	2.69	0.65	240.0	876	2.77	0.17	61.4	877	2.76	0.35	126.8
	878	4.32	0.05	10.8	879	3.00	0.50	166.0	880	3.07	0.42	136.0
	881	3.61	0.71	196.0	882	3.47	0.60	174.0	883	2.69	0.65	240.0
	884	2.68	0.16	61.4	885	2.73	0.35	126.8	886	4.96	0.05	10.8
	887	3.03	0.50	166.0	888	3.82	0.52	136.0	889	3.77	0.74	196.0
	890	3.65	0.64	174.0	891	2.75	0.66	240.0	892	2.61	0.16	61.4
	893	2.77	0.35	126.8	894	4.93	0.05	10.8	895	2.93	0.49	166.0
	896	3.68	0.50	136.0	897	5.15	1.01	196.0	898	3.78	0.66	174.0
	899	2.76	0.66	240.0	900	2.86	0.18	61.4	901	2.77	0.35	126.8

Firmato digitalmente da: Arcigli Massimo
Emesso il 17/03/2024 18:24
Serial Certificato: 2a2255
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature

	902	4.24	0.05	10.8	903	2.85	0.47	166.0	904	2.90	0.39	136.0
	905	5.02	0.98	196.0	906	3.59	0.62	174.0	941	2.76	0.29	104.6
	960	2.70	0.28	104.6	961	3.88	0.60	155.2	962	4.18	0.65	155.2
	963	2.82	0.29	104.6	964	4.22	0.66	155.2	965	2.84	0.30	104.6
	966	3.97	0.62	155.2	1004	3.06	1.52	496.0	1005	3.11	1.54	496.0
	1009	51.83	1.04	20.0	1010	59.97	1.20	20.0	1081	3.07	0.02	5.0
	1082	2.68	0.01	5.0	1084	3.94	1.12	285.0	1085	3.65	1.04	285.0
	1088	5.21	1.43	275.0	1089	5.28	1.45	275.0	1090	5.23	1.44	275.0
	1091	5.27	1.45	275.0	1092	5.11	1.41	275.0	1093	5.01	1.38	275.0
	1094	5.09	1.40	275.0	1095	4.98	1.37	275.0	1096	4.07	1.49	365.0
	1097	4.30	1.57	365.0	1098	4.13	1.51	365.0	1099	4.33	1.58	365.0
	1119	4.35	0.17	39.2	1120	4.97	0.20	39.2	1121	4.96	0.19	39.2
	1122	4.20	0.16	39.2	1123	3.98	1.11	280.0	1124	3.69	1.03	280.0
395	633	3.48	0.80	230.0	634	3.38	0.78	230.0	636	3.52	0.81	230.0
	637	3.63	0.84	230.0	639	3.62	0.83	230.0	640	3.75	0.86	230.0
	642	3.63	0.83	230.0	643	3.78	0.87	230.0	645	3.58	0.82	230.0
	646	3.50	0.80	230.0	648	3.60	1.93	537.0	650	3.54	1.90	537.0
	652	3.52	1.89	537.0	654	3.74	2.01	537.0	656	3.59	1.93	537.0
	658	3.88	2.08	537.0	660	3.87	2.08	537.0	662	4.17	2.24	537.0
	664	4.43	2.38	537.0	666	4.71	2.53	537.0	668	4.43	2.38	537.0
	670	4.70	2.52	537.0	695	4.28	1.27	296.0	696	4.41	1.31	296.0
	697	4.47	1.32	296.0	698	4.44	1.31	296.0	699	4.62	1.37	296.0
	700	4.56	1.35	296.0	701	4.73	1.40	296.0	702	4.62	1.37	296.0
	703	4.53	1.34	296.0	704	4.57	1.35	296.0	745	2.50	0.60	240.0
	746	2.47	0.14	56.7	747	2.55	0.42	166.0	748	2.53	0.18	70.8
	749	2.61	0.43	166.0	750	2.47	0.36	146.0	751	3.47	0.65	186.0
	752	3.37	0.59	174.0	753	2.50	0.60	240.0	754	2.61	0.15	56.7
	755	2.55	0.42	166.0	756	2.59	0.18	70.8	757	2.61	0.43	166.0
	758	2.44	0.36	146.0	759	3.52	0.65	186.0	760	3.38	0.59	174.0
	761	2.54	0.61	240.0	762	2.73	0.15	56.7	763	2.60	0.43	166.0
	764	2.65	0.19	70.8	765	2.66	0.44	166.0	766	2.33	0.34	146.0
	767	4.86	0.90	186.0	768	2.85	0.50	174.0	769	2.53	0.61	240.0
	770	2.56	0.14	56.7	771	2.61	0.43	166.0	772	2.40	0.17	70.8
	773	2.66	0.44	166.0	774	2.35	0.34	146.0	775	4.84	0.90	186.0
	776	2.84	0.49	174.0	811	2.56	0.28	109.3	836	2.64	0.29	109.3
	837	2.90	0.28	95.2	838	2.81	0.27	95.2	839	2.60	0.28	109.3
	840	2.88	0.27	95.2	841	2.67	0.29	109.3	842	3.08	0.29	95.2
	875	2.78	0.67	240.0	876	2.71	0.17	61.4	877	2.77	0.35	126.8
	878	5.93	0.06	10.8	879	2.81	0.47	166.0	880	2.81	0.38	136.0
	881	4.35	0.85	196.0	882	4.15	0.72	174.0	883	2.77	0.67	240.0
	884	2.81	0.17	61.4	885	2.82	0.36	126.8	886	4.91	0.05	19.8
	887	2.89	0.48	166.0	888	2.20	0.30	136.0	889	3.91	0.77	196.0
	890	3.73	0.65	174.0	891	2.82	0.68	240.0	892	3.03	0.19	61.4
	893	2.90	0.37	126.8	894	4.69	0.05	10.8	895	2.69	0.45	166.0
	896	2.05	0.28	136.0	897	5.68	1.11	196.0	898	5.05	0.88	174.0
	899	2.82	0.68	240.0	900	2.76	0.17	61.4	901	2.95	0.37	126.8
	902	5.72	0.06	10.8	903	2.66	0.44	166.0	904	2.71	0.37	136.0
	905	6.01	1.18	196.0	906	5.38	0.94	174.0	941	2.78	0.29	104.6
	960	2.96	0.31	104.6	961	4.73	0.73	155.2	962	4.51	0.70	155.2
	963	2.88	0.30	104.6	964	4.52	0.70	155.2	965	2.92	0.31	104.6
	966	4.70	0.73	155.2	1004	2.92	1.45	496.0	1005	2.90	1.44	496.0
	1009	90.29	1.81	20.0	1010	93.42	1.87	20.0	1081	2.54	0.01	5.0
	1082	2.95	0.01	5.0	1084	3.93	1.12	285.0	1085	4.24	1.21	285.0
	1088	6.13	1.69	275.0	1089	6.05	1.66	275.0	1090	6.15	1.69	275.0
	1091	6.09	1.68	275.0	1092	5.79	1.59	275.0	1093	5.89	1.62	275.0
	1094	5.86	1.61	275.0	1095	5.97	1.64	275.0	1096	4.79	1.75	365.0
	1097	4.53	1.65	365.0	1098	4.75	1.73	365.0	1099	4.52	1.65	365.0
	1119	5.94	0.23	39.2	1120	4.97	0.19	39.2	1121	4.64	0.18	39.2
	1122	5.71	0.22	39.2	1123	3.91	1.10	280.0	1124	4.21	1.18	280.0
396	633	3.14	0.72	230.0	634	3.06	0.70	230.0	636	3.33	0.77	230.0
	637	3.46	0.79	230.0	639	3.58	0.82	230.0	640	3.72	0.85	230.0
	642	3.66	0.84	230.0	643	3.80	0.87	230.0	645	3.81	0.88	230.0
	646	3.65	0.84	230.0	648	2.93	1.58	537.0	650	3.10	1.67	537.0
	652	3.03	1.63	537.0	654	3.15	1.69	537.0	656	3.18	1.71	537.0
	658	3.32	1.78	537.0	660	3.54	1.90	537.0	662	3.70	1.99	537.0
	664	4.18	2.24	537.0	666	4.34	2.33	537.0	668	4.21	2.26	537.0
	670	4.29	2.30	537.0	695	3.65	1.08	296.0	696	4.09	1.21	296.0
	697	3.92	1.16	296.0	698	4.17	1.23	296.0	699	4.11	1.22	296.0

Firmato digitalmente da: Fiorini Massimo
Firmato il 01/10/2024 18:24
Serial Certificato: 3202565
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature

	700	4.31	1.28	296.0	701	4.21	1.25	296.0	702	4.39	1.30	296.0
	703	4.08	1.21	296.0	704	4.50	1.33	296.0	745	2.44	0.58	240.0
	746	2.39	0.14	56.7	747	2.52	0.42	166.0	748	2.39	0.17	70.8
	749	2.60	0.43	166.0	750	2.29	0.33	146.0	751	3.60	0.67	186.0
	752	3.47	0.60	174.0	753	2.43	0.58	240.0	754	2.54	0.14	56.7
	755	2.51	0.42	166.0	756	2.49	0.18	70.8	757	2.58	0.43	166.0
	758	2.30	0.34	146.0	759	3.34	0.62	186.0	760	3.20	0.56	174.0
	761	2.46	0.59	240.0	762	2.67	0.15	56.7	763	2.55	0.42	166.0
	764	2.63	0.19	70.8	765	2.62	0.44	166.0	766	2.22	0.32	146.0
	767	4.56	0.85	186.0	768	5.75	1.00	174.0	769	2.47	0.59	240.0
	770	2.55	0.14	56.7	771	2.56	0.43	166.0	772	2.40	0.17	70.8
	773	2.64	0.44	166.0	774	2.18	0.32	146.0	775	4.77	0.89	186.0
	776	5.91	1.03	174.0	811	2.56	0.28	109.3	836	2.66	0.29	109.3
	837	3.03	0.29	95.2	838	2.87	0.27	95.2	839	2.56	0.28	109.3
	840	2.86	0.27	95.2	841	2.64	0.29	109.3	842	3.08	0.29	95.2
	875	2.73	0.65	240.0	876	2.71	0.17	61.4	877	2.76	0.35	126.8
	878	5.25	0.06	10.8	879	3.03	0.50	166.0	880	3.83	0.52	136.0
	881	4.16	0.82	196.0	882	3.99	0.69	174.0	883	2.73	0.66	240.0
	884	2.81	0.17	61.4	885	2.80	0.36	126.8	886	4.69	0.05	10.8
	887	3.05	0.51	166.0	888	2.93	0.40	136.0	889	3.96	0.78	196.0
	890	3.77	0.66	174.0	891	2.77	0.67	240.0	892	2.98	0.18	61.4
	893	2.81	0.36	126.8	894	4.49	0.05	10.8	895	2.84	0.47	166.0
	896	2.76	0.38	136.0	897	5.76	1.13	196.0	898	5.12	0.89	174.0
	899	2.76	0.66	240.0	900	2.70	0.17	61.4	901	2.84	0.36	126.8
	902	5.13	0.06	10.8	903	2.86	0.47	166.0	904	3.69	0.50	136.0
	905	5.92	1.16	196.0	906	5.30	0.92	174.0	941	2.72	0.28	104.6
	960	2.84	0.30	104.6	961	4.53	0.70	155.2	962	4.10	0.64	155.2
	963	2.84	0.30	104.6	964	4.08	0.63	155.2	965	2.84	0.30	104.6
	966	4.46	0.69	155.2	1004	2.89	1.44	496.0	1005	2.84	1.41	496.0
	1009	36.45	0.73	20.0	1010	36.51	0.73	20.0	1081	2.45	0.01	5.0
	1082	2.85	0.01	5.0	1084	3.29	0.94	285.0	1085	3.58	1.02	285.0
	1088	4.56	1.25	275.0	1089	4.49	1.24	275.0	1090	4.57	1.26	275.0
	1091	4.54	1.25	275.0	1092	4.30	1.18	275.0	1093	4.41	1.21	275.0
	1094	4.37	1.20	275.0	1095	4.49	1.24	275.0	1096	3.85	1.40	365.0
	1097	3.62	1.32	365.0	1098	3.80	1.39	365.0	1099	3.61	1.32	365.0
	1119	5.28	0.21	39.2	1120	4.74	0.19	39.2	1121	4.44	0.17	39.2
	1122	5.17	0.20	39.2	1123	3.25	0.91	280.0	1124	3.55	0.99	280.0
397	633	3.25	0.75	230.0	634	3.00	0.69	230.0	636	3.47	0.80	230.0
	637	3.33	0.77	230.0	639	3.70	0.85	230.0	640	3.57	0.82	230.0
	642	3.80	0.87	230.0	643	3.60	0.83	230.0	645	3.92	0.90	230.0
	646	3.46	0.79	230.0	648	3.46	1.86	537.0	650	3.65	1.96	537.0
	652	3.81	2.05	537.0	654	3.68	1.97	537.0	656	4.11	2.21	537.0
	658	3.89	2.09	537.0	660	4.42	2.37	537.0	662	4.26	2.28	537.0
	664	5.01	2.69	537.0	666	4.79	2.57	537.0	668	5.01	2.69	537.0
	670	4.80	2.58	537.0	695	4.02	1.19	296.0	696	3.89	1.15	296.0
	697	4.32	1.28	296.0	698	4.14	1.23	296.0	699	4.59	1.36	296.0
	700	4.42	1.31	296.0	701	4.75	1.41	296.0	702	4.65	1.38	296.0
	703	4.69	1.39	296.0	704	4.79	1.42	296.0	745	2.42	0.58	240.0
	746	2.53	0.14	56.7	747	2.47	0.41	166.0	748	2.54	0.18	70.8
	749	2.52	0.42	166.0	750	2.44	0.36	146.0	751	3.37	0.63	186.0
	752	3.23	0.56	174.0	753	2.42	0.58	240.0	754	2.39	0.14	56.7
	755	2.47	0.41	166.0	756	2.44	0.17	70.8	757	2.52	0.42	166.0
	758	2.38	0.35	146.0	759	3.28	0.61	186.0	760	3.21	0.56	174.0
	761	2.47	0.59	240.0	762	2.40	0.14	56.7	763	2.49	0.41	166.0
	764	2.28	0.16	70.8	765	2.56	0.43	166.0	766	2.28	0.33	146.0
	767	4.52	0.84	186.0	768	5.73	1.00	174.0	769	2.48	0.59	240.0
	770	2.56	0.15	56.7	771	2.51	0.42	166.0	772	2.52	0.18	70.8
	773	2.56	0.43	166.0	774	2.36	0.34	146.0	775	4.56	0.85	186.0
	776	5.74	1.00	174.0	811	2.55	0.28	109.3	836	2.48	0.27	109.3
	837	2.74	0.26	95.2	838	2.75	0.26	95.2	839	2.67	0.29	109.3
	840	2.92	0.28	95.2	841	2.55	0.28	109.3	842	2.76	0.26	95.2
	875	2.82	0.68	240.0	876	2.85	0.17	61.4	877	2.85	0.36	126.8
	878	5.91	0.06	10.8	879	3.00	0.50	166.0	880	2.89	0.39	136.0
	881	4.00	0.78	196.0	882	3.82	0.66	174.0	883	2.82	0.68	240.0
	884	2.75	0.17	61.4	885	2.81	0.36	126.8	886	5.40	0.06	10.8
	887	2.97	0.49	166.0	888	2.14	0.29	136.0	889	4.40	0.86	196.0
	890	4.21	0.73	174.0	891	2.87	0.69	240.0	892	2.72	0.17	61.4
	893	2.91	0.37	126.8	894	5.35	0.06	10.8	895	2.81	0.47	166.0

Firmato digitalmente da: Fiorelli Massimo
Emesso il 17/03/2024 18:24
Serial Certificato: 2e2235
01/09/2023 al 01/09/2026
Qualified Electronic Signature

	896	1.99	0.27	136.0	897	6.10	1.20	196.0	898	5.47	0.95	174.0
	899	2.87	0.69	240.0	900	2.97	0.18	61.4	901	2.92	0.37	126.8
	902	5.56	0.06	10.8	903	2.80	0.46	166.0	904	2.79	0.38	136.0
	905	5.81	1.14	196.0	906	5.16	0.90	174.0	941	2.96	0.31	104.6
	960	2.81	0.29	104.6	961	5.25	0.82	155.2	962	4.56	0.71	155.2
	963	2.97	0.31	104.6	964	4.51	0.70	155.2	965	2.90	0.30	104.6
	966	5.27	0.82	155.2	1004	2.77	1.38	496.0	1005	2.79	1.38	496.0
	1009	93.66	1.87	20.0	1010	85.59	1.71	20.0	1081	2.81	0.01	5.0
	1082	2.40	0.01	5.0	1084	3.54	1.01	285.0	1085	3.24	0.92	285.0
	1088	4.44	1.22	275.0	1089	4.52	1.24	275.0	1090	4.48	1.23	275.0
	1091	4.54	1.25	275.0	1092	4.36	1.20	275.0	1093	4.27	1.17	275.0
	1094	4.44	1.22	275.0	1095	4.34	1.19	275.0	1096	3.55	1.29	365.0
	1097	3.81	1.39	365.0	1098	3.53	1.29	365.0	1099	3.76	1.37	365.0
	1119	5.91	0.23	39.2	1120	5.47	0.21	39.2	1121	5.41	0.21	39.2
	1122	5.45	0.21	39.2	1123	3.50	0.98	280.0	1124	3.21	0.90	280.0
398	633	3.55	0.82	230.0	634	3.28	0.75	230.0	636	3.62	0.83	230.0
	637	3.48	0.80	230.0	639	3.73	0.86	230.0	640	3.60	0.83	230.0
	642	3.78	0.87	230.0	643	3.60	0.83	230.0	645	3.73	0.86	230.0
	646	3.35	0.77	230.0	648	3.17	1.70	537.0	650	3.06	1.64	537.0
	652	3.11	1.67	537.0	654	2.96	1.59	537.0	656	3.33	1.79	537.0
	658	3.13	1.68	537.0	660	3.61	1.94	537.0	662	3.47	1.87	537.0
	664	4.22	2.27	537.0	666	4.03	2.16	537.0	668	4.17	2.24	537.0
	670	4.04	2.17	537.0	695	4.48	1.33	296.0	696	4.35	1.29	296.0
	697	4.50	1.33	296.0	698	4.29	1.27	296.0	699	4.49	1.33	296.0
	700	4.29	1.27	296.0	701	4.42	1.31	296.0	702	4.27	1.26	296.0
	703	4.19	1.24	296.0	704	4.14	1.22	296.0	745	2.52	0.60	240.0
	746	2.62	0.15	56.7	747	2.60	0.43	166.0	748	2.57	0.18	70.8
	749	2.69	0.45	166.0	750	2.37	0.35	146.0	751	3.53	0.66	186.0
	752	3.39	0.59	174.0	753	2.52	0.61	240.0	754	2.48	0.14	56.7
	755	2.61	0.43	166.0	756	2.48	0.18	70.8	757	2.69	0.45	166.0
	758	2.33	0.34	146.0	759	3.73	0.69	186.0	760	3.60	0.63	174.0
	761	2.57	0.62	240.0	762	2.57	0.15	56.7	763	2.62	0.43	166.0
	764	2.42	0.17	70.8	765	2.74	0.45	166.0	766	2.21	0.32	146.0
	767	5.06	0.94	186.0	768	3.12	0.54	174.0	769	2.57	0.62	240.0
	770	2.71	0.15	56.7	771	2.65	0.44	166.0	772	2.66	0.19	70.8
	773	2.73	0.45	166.0	774	2.26	0.33	146.0	775	4.90	0.91	186.0
	776	2.87	0.50	174.0	811	2.74	0.30	109.3	836	2.67	0.29	109.3
	837	3.06	0.29	95.2	838	3.07	0.29	95.2	839	2.83	0.31	109.3
	840	3.19	0.30	95.2	841	2.71	0.30	109.3	842	3.04	0.29	95.2
	875	2.69	0.64	240.0	876	2.77	0.17	61.4	877	2.77	0.35	126.8
	878	5.11	0.06	10.8	879	3.12	0.52	166.0	880	3.88	0.53	136.0
	881	3.87	0.76	196.0	882	3.69	0.64	174.0	883	2.69	0.64	240.0
	884	2.67	0.16	61.4	885	2.72	0.34	126.8	886	4.55	0.05	10.8
	887	2.97	0.49	166.0	888	2.99	0.41	136.0	889	4.09	0.80	196.0
	890	3.93	0.68	174.0	891	2.74	0.66	240.0	892	2.59	0.16	61.4
	893	2.76	0.35	126.8	894	4.60	0.05	10.8	895	2.84	0.47	166.0
	896	2.84	0.39	136.0	897	5.81	1.14	196.0	898	5.20	0.90	174.0
	899	2.75	0.66	240.0	900	2.85	0.17	61.4	901	2.75	0.35	126.8
	902	4.81	0.05	10.8	903	2.95	0.49	166.0	904	3.75	0.51	136.0
	905	5.64	1.11	196.0	906	5.01	0.87	174.0	941	2.79	0.29	104.6
	960	2.66	0.28	104.6	961	4.18	0.65	155.2	962	4.11	0.64	155.2
	963	2.84	0.30	104.6	964	4.08	0.63	155.2	965	2.79	0.29	104.6
	966	4.21	0.65	155.2	1004	2.99	1.48	496.0	1005	3.02	1.50	496.0
	1009	48.87	0.98	20.0	1010	47.10	0.94	20.0	1081	2.99	0.01	5.0
	1082	2.60	0.01	5.0	1084	4.28	1.22	285.0	1085	3.99	1.14	285.0
	1088	6.09	1.68	275.0	1089	6.17	1.70	275.0	1090	6.14	1.69	275.0
	1091	6.19	1.70	275.0	1092	5.93	1.63	275.0	1093	5.83	1.60	275.0
	1094	6.01	1.65	275.0	1095	5.90	1.62	275.0	1096	4.59	1.68	365.0
	1097	4.83	1.76	365.0	1098	4.59	1.67	365.0	1099	4.79	1.75	365.0
	1119	5.12	0.20	39.2	1120	4.62	0.18	39.2	1121	4.70	0.18	39.2
	1122	4.71	0.18	39.2	1123	4.25	1.19	280.0	1124	3.97	1.11	280.0
399	633	3.18	0.73	230.0	634	3.07	0.71	230.0	636	3.35	0.77	230.0
	637	3.47	0.80	230.0	639	3.59	0.83	230.0	640	3.73	0.86	230.0
	642	3.63	0.84	230.0	643	3.91	0.90	230.0	645	3.76	0.86	230.0
	646	3.69	0.85	230.0	648	3.57	1.92	537.0	650	3.51	1.88	537.0
	652	3.63	1.95	537.0	654	3.76	2.02	537.0	656	3.72	2.00	537.0
	658	3.92	2.11	537.0	660	4.06	2.18	537.0	662	4.28	2.30	537.0
	664	4.65	2.50	537.0	666	4.86	2.61	537.0	668	4.67	2.51	537.0

Firmato digitalmente da: Gregori Massimo
Firmato il 01/08/2024 18:24
Serial#: 2e0285
Trust Service Provider: 01/09/2023 al
Qualified Electronic Time Stamp

	670	4.85	2.61	537.0	695	3.74	1.11	296.0	696	4.13	1.22	296.0
	697	4.12	1.22	296.0	698	4.32	1.28	296.0	699	4.42	1.31	296.0
	700	4.59	1.36	296.0	701	4.72	1.40	296.0	702	4.76	1.41	296.0
	703	4.60	1.36	296.0	704	4.88	1.44	296.0	745	2.41	0.58	240.0
	746	2.38	0.13	56.7	747	2.47	0.41	166.0	748	2.43	0.17	70.8
	749	2.51	0.42	166.0	750	2.37	0.35	146.0	751	3.27	0.61	186.0
	752	3.20	0.56	174.0	753	2.42	0.58	240.0	754	2.53	0.14	56.7
	755	2.46	0.41	166.0	756	2.53	0.18	70.8	757	2.51	0.42	166.0
	758	2.44	0.36	146.0	759	3.35	0.62	186.0	760	3.22	0.56	174.0
	761	2.45	0.59	240.0	762	2.63	0.15	56.7	763	2.51	0.42	166.0
	764	2.58	0.18	70.8	765	2.55	0.42	166.0	766	2.35	0.34	146.0
	767	4.54	0.84	186.0	768	4.16	0.72	174.0	769	2.44	0.59	240.0
	770	2.46	0.14	56.7	771	2.52	0.42	166.0	772	2.32	0.16	70.8
	773	2.55	0.42	166.0	774	2.28	0.33	146.0	775	4.50	0.84	186.0
	776	4.15	0.72	174.0	811	2.47	0.27	109.3	836	2.54	0.28	109.3
	837	2.74	0.26	95.2	838	2.73	0.26	95.2	839	2.49	0.27	109.3
	840	2.74	0.26	95.2	841	2.57	0.28	109.3	842	2.91	0.28	95.2
	875	2.82	0.68	240.0	876	2.76	0.17	61.4	877	2.82	0.36	126.8
	878	5.34	0.06	10.8	879	2.91	0.48	166.0	880	2.08	0.28	136.0
	881	4.42	0.87	196.0	882	4.22	0.73	174.0	883	2.82	0.68	240.0
	884	2.86	0.18	61.4	885	2.86	0.36	126.8	886	5.81	0.06	10.8
	887	2.94	0.49	166.0	888	2.79	0.38	136.0	889	4.02	0.79	196.0
	890	3.83	0.67	174.0	891	2.86	0.69	240.0	892	3.08	0.19	61.4
	893	2.95	0.37	126.8	894	5.45	0.06	10.8	895	2.71	0.45	166.0
	896	2.69	0.37	136.0	897	5.82	1.14	196.0	898	4.26	0.74	174.0
	899	2.86	0.69	240.0	900	2.80	0.17	61.4	901	2.97	0.38	126.8
	902	5.27	0.06	10.8	903	2.73	0.45	166.0	904	1.91	0.26	136.0
	905	6.13	1.20	196.0	906	4.62	0.80	174.0	941	2.83	0.30	104.6
	960	2.99	0.31	104.6	961	4.48	0.70	155.2	962	5.16	0.80	155.2
	963	2.92	0.31	104.6	964	5.15	0.80	155.2	965	2.96	0.31	104.6
	966	4.41	0.68	155.2	1004	2.78	1.38	496.0	1005	2.76	1.37	496.0
	1009	83.78	1.68	20.0	1010	92.47	1.85	20.0	1081	2.39	0.01	5.0
	1082	2.80	0.01	5.0	1084	3.22	0.92	285.0	1085	3.52	1.00	285.0
	1088	4.47	1.23	275.0	1089	4.38	1.20	275.0	1090	4.49	1.23	275.0
	1091	4.42	1.22	275.0	1092	4.22	1.16	275.0	1093	4.31	1.18	275.0
	1094	4.29	1.18	275.0	1095	4.39	1.21	275.0	1096	3.77	1.38	365.0
	1097	3.51	1.28	365.0	1098	3.73	1.36	365.0	1099	3.50	1.28	365.0
	1119	5.41	0.21	39.2	1120	5.81	0.23	39.2	1121	5.35	0.21	39.2
	1122	5.34	0.21	39.2	1123	3.19	0.89	280.0	1124	3.48	0.97	280.0
400	633	3.44	0.79	230.0	634	3.37	0.78	230.0	636	3.49	0.80	230.0
	637	3.62	0.83	230.0	639	3.60	0.83	230.0	640	3.74	0.86	230.0
	642	3.65	0.84	230.0	643	3.68	0.85	230.0	645	3.63	0.83	230.0
	646	3.46	0.80	230.0	648	2.99	1.61	537.0	650	3.11	1.67	537.0
	652	2.94	1.58	537.0	654	3.08	1.66	537.0	656	3.06	1.64	537.0
	658	3.23	1.73	537.0	660	3.36	1.81	537.0	662	3.55	1.91	537.0
	664	3.95	2.12	537.0	666	4.14	2.22	537.0	668	3.97	2.13	537.0
	670	4.08	2.19	537.0	695	4.22	1.25	296.0	696	4.56	1.35	296.0
	697	4.29	1.27	296.0	698	4.48	1.33	296.0	699	4.30	1.27	296.0
	700	4.47	1.32	296.0	701	4.18	1.24	296.0	702	4.42	1.31	296.0
	703	3.93	1.16	296.0	704	4.35	1.29	296.0	745	2.52	0.61	240.0
	746	2.48	0.14	56.7	747	2.60	0.43	166.0	748	2.47	0.18	70.8
	749	2.69	0.45	166.0	750	2.33	0.34	146.0	751	3.74	0.70	186.0
	752	3.61	0.63	174.0	753	2.52	0.60	240.0	754	2.62	0.15	56.7
	755	2.60	0.43	166.0	756	2.56	0.18	70.8	757	2.68	0.45	166.0
	758	2.36	0.34	146.0	759	3.53	0.66	186.0	760	3.39	0.59	174.0
	761	2.56	0.61	240.0	762	2.78	0.16	56.7	763	2.64	0.44	166.0
	764	2.71	0.19	70.8	765	2.73	0.45	166.0	766	2.25	0.33	146.0
	767	4.90	0.91	186.0	768	4.45	0.77	174.0	769	2.56	0.61	240.0
	770	2.64	0.15	56.7	771	2.66	0.44	166.0	772	2.47	0.17	70.8
	773	2.73	0.45	166.0	774	2.20	0.32	146.0	775	5.07	0.94	186.0
	776	4.62	0.80	174.0	811	2.67	0.29	109.3	836	2.74	0.30	109.3
	837	3.07	0.29	95.2	838	3.06	0.29	95.2	839	2.67	0.29	109.3
	840	3.04	0.29	95.2	841	2.74	0.30	109.3	842	3.20	0.30	95.2
	875	2.68	0.64	240.0	876	2.66	0.16	61.4	877	2.71	0.34	126.8
	878	4.49	0.05	10.8	879	2.92	0.48	166.0	880	2.94	0.40	136.0
	881	4.08	0.80	196.0	882	3.92	0.68	174.0	883	2.68	0.64	240.0
	884	2.77	0.17	61.4	885	2.76	0.35	126.8	886	5.03	0.05	10.8
	887	3.06	0.51	166.0	888	3.79	0.52	136.0	889	3.86	0.76	196.0

Firmato digitalmente da: Gregori Massimo
Firmato il 30/09/2024 18:24
Serial Certificato: 3922265
Valido dal 01/09/2023 al 01/09/2026
InfoCert Qualified Electronic Signature

	890	3.68	0.64	174.0	891	2.73	0.65	240.0	892	2.93	0.18	61.4
	893	2.76	0.35	126.8	894	4.71	0.05	10.8	895	2.88	0.48	166.0
	896	3.65	0.50	136.0	897	5.63	1.10	196.0	898	5.92	1.03	174.0
	899	2.72	0.65	240.0	900	2.66	0.16	61.4	901	2.81	0.36	126.8
	902	4.52	0.05	10.8	903	2.78	0.46	166.0	904	2.78	0.38	136.0
	905	5.80	1.14	196.0	906	6.08	1.06	174.0	941	2.67	0.28	104.6
	960	2.80	0.29	104.6	961	4.07	0.63	155.2	962	4.13	0.64	155.2
	963	2.79	0.29	104.6	964	4.14	0.64	155.2	965	2.80	0.29	104.6
	966	4.01	0.62	155.2	1004	3.01	1.50	496.0	1005	2.99	1.48	496.0
	1009	45.55	0.91	20.0	1010	46.37	0.93	20.0	1081	2.60	0.01	5.0
	1082	2.99	0.01	5.0	1084	4.00	1.14	285.0	1085	4.28	1.22	285.0
	1088	6.21	1.71	275.0	1089	6.14	1.69	275.0	1090	6.23	1.71	275.0
	1091	6.19	1.70	275.0	1092	5.87	1.62	275.0	1093	5.97	1.64	275.0
	1094	5.94	1.63	275.0	1095	6.05	1.66	275.0	1096	4.86	1.77	365.0
	1097	4.62	1.68	365.0	1098	4.81	1.76	365.0	1099	4.61	1.68	365.0
	1119	4.55	0.18	39.2	1120	5.01	0.20	39.2	1121	4.60	0.18	39.2
	1122	4.62	0.18	39.2	1123	3.98	1.11	280.0	1124	4.26	1.19	280.0
401	633	3.55	0.82	230.0	634	3.31	0.76	230.0	636	3.63	0.83	230.0
	637	3.49	0.80	230.0	639	3.72	0.86	230.0	640	3.60	0.83	230.0
	642	3.80	0.87	230.0	643	3.48	0.80	230.0	645	3.74	0.86	230.0
	646	3.27	0.75	230.0	648	3.56	1.91	537.0	650	3.61	1.94	537.0
	652	3.78	2.03	537.0	654	3.56	1.91	537.0	656	4.06	2.18	537.0
	658	3.76	2.02	537.0	660	4.32	2.32	537.0	662	4.06	2.18	537.0
	664	4.86	2.61	537.0	666	4.56	2.45	537.0	668	4.85	2.61	537.0
	670	4.56	2.45	537.0	695	4.25	1.26	296.0	696	4.38	1.30	296.0
	697	4.38	1.30	296.0	698	4.45	1.32	296.0	699	4.50	1.33	296.0
	700	4.57	1.35	296.0	701	4.47	1.32	296.0	702	4.69	1.39	296.0
	703	4.33	1.28	296.0	704	4.66	1.38	296.0	745	2.51	0.60	240.0
	746	2.62	0.15	56.7	747	2.56	0.43	166.0	748	2.60	0.18	70.8
	749	2.62	0.43	166.0	750	2.45	0.36	146.0	751	3.53	0.66	186.0
	752	3.39	0.59	174.0	753	2.51	0.60	240.0	754	2.48	0.14	56.7
	755	2.56	0.43	166.0	756	2.54	0.18	70.8	757	2.62	0.43	166.0
	758	2.48	0.36	146.0	759	3.48	0.65	186.0	760	3.38	0.59	174.0
	761	2.56	0.61	240.0	762	2.49	0.14	56.7	763	2.58	0.43	166.0
	764	2.35	0.17	70.8	765	2.67	0.44	166.0	766	2.36	0.34	146.0
	767	4.85	0.90	186.0	768	4.42	0.77	174.0	769	2.57	0.62	240.0
	770	2.66	0.15	56.7	771	2.61	0.43	166.0	772	2.60	0.18	70.8
	773	2.67	0.44	166.0	774	2.34	0.34	146.0	775	4.87	0.91	186.0
	776	4.42	0.77	174.0	811	2.65	0.29	109.3	836	2.57	0.28	109.3
	837	2.82	0.27	95.2	838	2.91	0.28	95.2	839	2.78	0.30	109.3
	840	3.09	0.29	95.2	841	2.65	0.29	109.3	842	2.90	0.28	95.2
	875	2.77	0.66	240.0	876	2.80	0.17	61.4	877	2.81	0.36	126.8
	878	4.94	0.05	10.8	879	2.95	0.49	166.0	880	2.25	0.31	136.0
	881	3.90	0.77	196.0	882	3.72	0.65	174.0	883	2.77	0.66	240.0
	884	2.70	0.17	61.4	885	2.76	0.35	126.8	886	5.93	0.06	10.8
	887	2.87	0.48	166.0	888	2.79	0.38	136.0	889	4.34	0.85	196.0
	890	4.15	0.72	174.0	891	2.82	0.68	240.0	892	2.67	0.16	61.4
	893	2.88	0.37	126.8	894	5.73	0.06	10.8	895	2.75	0.46	166.0
	896	2.71	0.37	136.0	897	5.99	1.17	196.0	898	6.24	1.09	174.0
	899	2.83	0.68	240.0	900	2.93	0.18	61.4	901	2.87	0.36	126.8
	902	4.75	0.05	10.8	903	2.78	0.46	166.0	904	2.11	0.29	136.0
	905	5.66	1.11	196.0	906	5.95	1.04	174.0	941	2.92	0.31	104.6
	960	2.75	0.29	104.6	961	4.58	0.71	155.2	962	4.78	0.74	155.2
	963	2.94	0.31	104.6	964	4.76	0.74	155.2	965	2.86	0.30	104.6
	966	4.60	0.71	155.2	1004	2.91	1.44	496.0	1005	2.93	1.45	496.0
	1009	93.41	1.87	20.0	1010	90.85	1.82	20.0	1081	2.96	0.01	5.0
	1082	2.55	0.01	5.0	1084	4.26	1.21	285.0	1085	3.95	1.13	285.0
	1088	6.10	1.68	275.0	1089	6.19	1.70	275.0	1090	6.15	1.69	275.0
	1091	6.21	1.71	275.0	1092	5.94	1.63	275.0	1093	5.84	1.61	275.0
	1094	6.02	1.65	275.0	1095	5.91	1.63	275.0	1096	4.56	1.67	365.0
	1097	4.82	1.76	365.0	1098	4.55	1.66	365.0	1099	4.78	1.75	365.0
	1119	4.99	0.20	39.2	1120	5.92	0.23	39.2	1121	5.72	0.22	39.2
	1122	4.70	0.18	39.2	1123	4.23	1.18	280.0	1124	3.93	1.10	280.0
402	633	3.25	0.75	230.0	634	2.97	0.68	230.0	636	3.46	0.80	230.0
	637	3.32	0.76	230.0	639	3.70	0.85	230.0	640	3.57	0.82	230.0
	642	3.79	0.87	230.0	643	3.72	0.86	230.0	645	3.91	0.90	230.0
	646	3.53	0.81	230.0	648	3.08	1.66	537.0	650	3.07	1.65	537.0
	652	3.17	1.70	537.0	654	3.06	1.64	537.0	656	3.41	1.83	537.0

Firmato digitalmente da: Degli Massimo
Firmato il 26/03/2024 18:24
Seriale Certificato: 2e02e55
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature CA

	658	3.26	1.75	537.0	660	3.76	2.02	537.0	662	3.66	1.97	537.0
	664	4.42	2.37	537.0	666	4.26	2.29	537.0	668	4.38	2.35	537.0
	670	4.28	2.30	537.0	695	3.95	1.17	296.0	696	3.84	1.14	296.0
	697	4.14	1.23	296.0	698	3.97	1.18	296.0	699	4.29	1.27	296.0
	700	4.14	1.23	296.0	701	4.42	1.31	296.0	702	4.25	1.26	296.0
	703	4.28	1.27	296.0	704	4.31	1.28	296.0	745	2.43	0.58	240.0
	746	2.54	0.14	56.7	747	2.51	0.42	166.0	748	2.49	0.18	70.8
	749	2.58	0.43	166.0	750	2.31	0.34	146.0	751	3.34	0.62	186.0
	752	3.20	0.56	174.0	753	2.44	0.58	240.0	754	2.39	0.14	56.7
	755	2.52	0.42	166.0	756	2.39	0.17	70.8	757	2.60	0.43	166.0
	758	2.29	0.33	146.0	759	3.60	0.67	186.0	760	3.47	0.60	174.0
	761	2.48	0.60	240.0	762	2.49	0.14	56.7	763	2.53	0.42	166.0
	764	2.36	0.17	70.8	765	2.64	0.44	166.0	766	2.18	0.32	146.0
	767	4.77	0.89	186.0	768	4.39	0.76	174.0	769	2.48	0.60	240.0
	770	2.61	0.15	56.7	771	2.55	0.42	166.0	772	2.58	0.18	70.8
	773	2.63	0.44	166.0	774	2.22	0.32	146.0	775	4.56	0.85	186.0
	776	4.18	0.73	174.0	811	2.66	0.29	109.3	836	2.56	0.28	109.3
	837	2.87	0.27	95.2	838	3.03	0.29	95.2	839	2.73	0.30	109.3
	840	3.07	0.29	95.2	841	2.60	0.28	109.3	842	2.86	0.27	95.2
	875	2.74	0.66	240.0	876	2.81	0.17	61.4	877	2.81	0.36	126.8
	878	4.74	0.05	10.8	879	3.10	0.52	166.0	880	2.95	0.40	136.0
	881	3.96	0.78	196.0	882	3.78	0.66	174.0	883	2.73	0.66	240.0
	884	2.72	0.17	61.4	885	2.77	0.35	126.8	886	5.26	0.06	10.8
	887	3.12	0.52	166.0	888	3.80	0.52	136.0	889	4.16	0.82	196.0
	890	4.00	0.70	174.0	891	2.79	0.67	240.0	892	2.64	0.16	61.4
	893	2.79	0.35	126.8	894	5.16	0.06	10.8	895	2.97	0.49	166.0
	896	3.66	0.50	136.0	897	5.93	1.16	196.0	898	4.42	0.77	174.0
	899	2.79	0.67	240.0	900	2.89	0.18	61.4	901	2.80	0.35	126.8
	902	4.56	0.05	10.8	903	2.90	0.48	166.0	904	2.79	0.38	136.0
	905	5.77	1.13	196.0	906	4.21	0.73	174.0	941	2.83	0.30	104.6
	960	2.71	0.28	104.6	961	4.15	0.64	155.2	962	4.60	0.71	155.2
	963	2.88	0.30	104.6	964	4.56	0.71	155.2	965	2.84	0.30	104.6
	966	4.15	0.64	155.2	1004	2.84	1.41	496.0	1005	2.89	1.44	496.0
	1009	36.83	0.74	20.0	1010	38.77	0.78	20.0	1081	2.85	0.01	5.0
	1082	2.46	0.01	5.0	1084	3.57	1.02	285.0	1085	3.28	0.93	285.0
	1088	4.45	1.22	275.0	1089	4.51	1.24	275.0	1090	4.49	1.24	275.0
	1091	4.53	1.25	275.0	1092	4.37	1.20	275.0	1093	4.26	1.17	275.0
	1094	4.45	1.22	275.0	1095	4.33	1.19	275.0	1096	3.60	1.31	365.0
	1097	3.82	1.40	365.0	1098	3.59	1.31	365.0	1099	3.78	1.38	365.0
	1119	4.78	0.19	39.2	1120	5.29	0.21	39.2	1121	5.21	0.20	39.2
	1122	4.52	0.18	39.2	1123	3.54	0.99	280.0	1124	3.25	0.91	280.0
403	633	1.88	0.43	230.0	634	1.87	0.43	230.0	636	1.59	0.37	230.0
	637	1.66	0.38	230.0	639	1.31	0.30	230.0	640	1.39	0.32	230.0
	642	1.09	0.25	230.0	643	1.21	0.28	230.0	645	0.78	0.18	230.0
	646	0.89	0.21	230.0	648	3.60	1.93	537.0	650	3.63	1.95	537.0
	652	3.83	2.06	537.0	654	4.10	2.20	537.0	656	3.92	2.11	537.0
	658	4.17	2.24	537.0	660	3.97	2.13	537.0	662	4.22	2.27	537.0
	664	4.03	2.16	537.0	666	4.26	2.29	537.0	668	4.06	2.18	537.0
	670	4.31	2.31	537.0	695	8.21	2.43	296.0	696	7.35	2.17	296.0
	697	8.20	2.43	296.0	698	7.32	2.17	296.0	699	8.28	2.45	296.0
	700	7.39	2.19	296.0	701	8.39	2.48	296.0	702	7.48	2.22	296.0
	703	8.35	2.47	296.0	704	7.45	2.21	296.0	745	1.00	0.24	240.0
	746	0.90	0.05	56.7	747	1.01	0.17	166.0	748	1.41	0.10	70.8
	749	1.25	0.21	166.0	750	2.16	0.31	146.0	751	1.91	0.35	186.0
	752	1.68	0.29	174.0	753	1.01	0.24	240.0	754	1.02	0.06	56.7
	755	1.01	0.17	166.0	756	1.24	0.09	70.8	757	1.21	0.20	166.0
	758	1.71	0.25	146.0	759	1.91	0.36	186.0	760	1.73	0.30	174.0
	761	1.02	0.25	240.0	762	1.36	0.08	56.7	763	1.04	0.17	166.0
	764	1.23	0.09	70.8	765	1.23	0.20	166.0	766	1.67	0.24	146.0
	767	2.50	0.47	186.0	768	3.56	0.62	174.0	769	1.01	0.24	240.0
	770	1.28	0.07	56.7	771	1.05	0.17	166.0	772	1.04	0.07	70.8
	773	1.27	0.21	166.0	774	2.12	0.31	146.0	775	2.51	0.47	186.0
	776	3.52	0.61	174.0	811	1.41	0.15	109.3	836	1.61	0.18	109.3
	837	3.43	0.33	95.2	838	2.85	0.27	95.2	839	1.10	0.12	109.3
	840	1.97	0.19	95.2	841	1.22	0.13	109.3	842	2.35	0.22	95.2
	875	1.48	0.36	240.0	876	1.21	0.07	61.4	877	1.27	0.16	126.8
	878	12.07	0.13	10.8	879	1.18	0.20	166.0	880	8.49	1.15	136.0
	881	2.27	0.45	196.0	882	2.14	0.37	174.0	883	1.47	0.35	240.0

Firmato digitalmente da: Gregori Massimo
Firmato il 30/10/2024 18:24
Serial Certificato: 2702255
Valido dal 01/09/2023 al 01/09/2026
Qualified Electronic Signature

	884	1.30	0.08	61.4	885	1.33	0.17	126.8	886	7.92	0.09	10.8
	887	0.71	0.12	166.0	888	4.89	0.67	136.0	889	1.85	0.36	196.0
	890	1.73	0.30	174.0	891	1.49	0.36	240.0	892	1.63	0.10	61.4
	893	1.69	0.21	126.8	894	6.98	0.08	10.8	895	0.68	0.11	166.0
	896	4.95	0.67	136.0	897	2.10	0.41	196.0	898	1.89	0.33	174.0
	899	1.49	0.36	240.0	900	1.47	0.09	61.4	901	1.83	0.23	126.8
	902	10.61	0.11	10.8	903	1.19	0.20	166.0	904	8.54	1.16	136.0
	905	2.49	0.49	196.0	906	2.28	0.40	174.0	941	1.64	0.17	104.6
	960	1.73	0.18	104.6	961	8.65	1.34	155.2	962	5.77	0.90	155.2
	963	1.52	0.16	104.6	964	5.84	0.91	155.2	965	1.55	0.16	104.6
	966	8.74	1.36	155.2	1004	1.67	0.83	496.0	1005	1.56	0.77	496.0
	1009	156.19	3.12	20.0	1010	143.24	2.86	20.0	1081	0.98	4.91e-03	5.0
	1082	1.39	6.93e-03	5.0	1084	2.34	0.67	285.0	1085	2.68	0.76	285.0
	1088	4.64	1.28	275.0	1089	4.58	1.26	275.0	1090	4.64	1.28	275.0
	1091	4.59	1.26	275.0	1092	4.34	1.19	275.0	1093	4.45	1.22	275.0
	1094	4.32	1.19	275.0	1095	4.44	1.22	275.0	1096	3.31	1.21	365.0
	1097	3.08	1.13	365.0	1098	3.32	1.21	365.0	1099	3.12	1.14	365.0
	1119	11.95	0.47	39.2	1120	8.09	0.32	39.2	1121	6.79	0.27	39.2
	1122	10.12	0.40	39.2	1123	2.40	0.67	280.0	1124	2.71	0.76	280.0
404	633	0.70	0.16	230.0	634	0.70	0.16	230.0	636	0.87	0.20	230.0
	637	1.00	0.23	230.0	639	0.98	0.23	230.0	640	1.11	0.26	230.0
	642	1.04	0.24	230.0	643	1.15	0.26	230.0	645	1.36	0.31	230.0
	646	1.25	0.29	230.0	648	0.91	0.49	537.0	650	1.52	0.81	537.0
	652	1.34	0.72	537.0	654	1.61	0.87	537.0	656	1.36	0.73	537.0
	658	1.66	0.89	537.0	660	1.47	0.79	537.0	662	1.74	0.93	537.0
	664	1.58	0.85	537.0	666	1.84	0.99	537.0	668	1.60	0.86	537.0
	670	1.71	0.92	537.0	695	8.19	2.42	296.0	696	7.38	2.18	296.0
	697	8.32	2.46	296.0	698	7.58	2.24	296.0	699	8.11	2.40	296.0
	700	7.48	2.21	296.0	701	7.98	2.36	296.0	702	7.35	2.18	296.0
	703	7.88	2.33	296.0	704	7.29	2.16	296.0	745	1.14	0.27	240.0
	746	0.67	0.04	56.7	747	1.16	0.19	166.0	748	0.78	0.06	70.8
	749	1.56	0.26	166.0	750	1.53	0.22	146.0	751	2.50	0.46	186.0
	752	2.21	0.38	174.0	753	1.10	0.26	240.0	754	0.84	0.05	56.7
	755	1.14	0.19	166.0	756	0.74	0.05	70.8	757	1.46	0.24	166.0
	758	1.11	0.16	146.0	759	1.78	0.33	186.0	760	1.54	0.27	174.0
	761	1.10	0.26	240.0	762	1.49	0.08	56.7	763	1.16	0.19	166.0
	764	1.44	0.10	70.8	765	1.46	0.24	166.0	766	1.09	0.16	146.0
	767	1.93	0.36	186.0	768	6.55	1.14	174.0	769	1.13	0.27	240.0
	770	1.55	0.09	56.7	771	1.16	0.19	166.0	772	1.38	0.10	70.8
	773	1.56	0.26	166.0	774	1.48	0.22	146.0	775	2.61	0.48	186.0
	776	6.76	1.18	174.0	811	1.74	0.19	109.3	836	1.97	0.22	109.3
	837	3.95	0.38	95.2	838	3.30	0.31	95.2	839	1.32	0.14	109.3
	840	2.30	0.22	95.2	841	1.44	0.16	109.3	842	2.70	0.26	95.2
	875	0.89	0.21	240.0	876	0.98	0.06	61.4	877	1.00	0.13	126.8
	878	10.95	0.12	10.8	879	2.36	0.39	166.0	880	8.74	1.19	136.0
	881	1.23	0.24	196.0	882	1.15	0.20	174.0	883	0.90	0.22	240.0
	884	1.05	0.06	61.4	885	1.01	0.13	126.8	886	6.87	0.07	10.8
	887	1.61	0.27	166.0	888	5.09	0.69	136.0	889	1.21	0.24	196.0
	890	1.14	0.20	174.0	891	0.91	0.22	240.0	892	1.07	0.07	61.4
	893	0.88	0.11	126.8	894	5.93	0.06	10.8	895	1.55	0.26	166.0
	896	5.11	0.70	136.0	897	1.68	0.33	196.0	898	1.49	0.26	174.0
	899	0.89	0.21	240.0	900	0.82	0.05	61.4	901	0.90	0.11	126.8
	902	9.51	0.10	10.8	903	2.33	0.39	166.0	904	8.76	1.19	136.0
	905	1.69	0.33	196.0	906	1.51	0.26	174.0	941	0.84	0.09	104.6
	960	0.89	0.09	104.6	961	7.54	1.17	155.2	962	4.76	0.74	155.2
	963	0.89	0.09	104.6	964	4.81	0.75	155.2	965	0.85	0.09	104.6
	966	7.62	1.18	155.2	1004	1.97	0.98	496.0	1005	1.79	0.89	496.0
	1009	23.64	0.47	20.0	1010	19.57	0.39	20.0	1081	1.09	5.46e-03	5.0
	1082	1.31	6.57e-03	5.0	1084	1.26	0.36	285.0	1085	1.35	0.39	285.0
	1088	1.50	0.41	275.0	1089	1.85	0.51	275.0	1090	1.53	0.42	275.0
	1091	1.85	0.51	275.0	1092	1.66	0.46	275.0	1093	1.73	0.48	275.0
	1094	1.67	0.46	275.0	1095	1.73	0.48	275.0	1096	1.51	0.55	365.0
	1097	1.68	0.61	365.0	1098	1.53	0.56	365.0	1099	1.69	0.62	365.0
	1119	7.09	0.28	39.2	1120	3.43	0.13	39.2	1121	4.61	0.18	39.2
	1122	9.01	0.35	39.2	1123	1.30	0.36	280.0	1124	1.40	0.39	280.0
405	633	1.16	0.27	230.0	634	0.98	0.23	230.0	636	1.25	0.29	230.0
	637	1.09	0.25	230.0	639	1.32	0.30	230.0	640	1.16	0.27	230.0
	642	1.29	0.30	230.0	643	1.08	0.25	230.0	645	1.51	0.35	230.0

Firmato digitalmente da: Gregori Massimo
Firmato il 07/05/2024 18:24
Serial Certificato: 4e2265
Valido dal 01/09/2023 al 01/09/2026
InfoCert Qualified Electronic Signature

	646	1.14	0.26	230.0	648	3.44	1.85	537.0	650	3.77	2.02	537.0
	652	4.00	2.15	537.0	654	4.20	2.25	537.0	656	4.09	2.19	537.0
	658	4.32	2.32	537.0	660	4.19	2.25	537.0	662	4.43	2.38	537.0
	664	4.30	2.31	537.0	666	4.50	2.42	537.0	668	4.34	2.33	537.0
	670	4.58	2.46	537.0	695	7.83	2.32	296.0	696	7.23	2.14	296.0
	697	7.93	2.35	296.0	698	7.33	2.17	296.0	699	8.10	2.40	296.0
	700	7.50	2.22	296.0	701	8.26	2.44	296.0	702	7.67	2.27	296.0
	703	8.29	2.45	296.0	704	7.73	2.29	296.0	745	0.77	0.18	240.0
	746	0.78	0.04	56.7	747	0.76	0.13	166.0	748	1.29	0.09	70.8
	749	1.04	0.17	166.0	750	2.10	0.31	146.0	751	1.86	0.35	186.0
	752	1.59	0.28	174.0	753	0.74	0.18	240.0	754	0.61	0.03	56.7
	755	0.75	0.12	166.0	756	1.01	0.07	70.8	757	0.96	0.16	166.0
	758	1.64	0.24	146.0	759	1.20	0.22	186.0	760	0.99	0.17	174.0
	761	0.76	0.18	240.0	762	0.93	0.05	56.7	763	0.75	0.12	166.0
	764	0.78	0.06	70.8	765	0.97	0.16	166.0	766	1.62	0.24	146.0
	767	1.38	0.26	186.0	768	6.31	1.10	174.0	769	0.80	0.19	240.0
	770	1.15	0.07	56.7	771	0.76	0.13	166.0	772	1.01	0.07	70.8
	773	1.04	0.17	166.0	774	2.09	0.31	146.0	775	1.96	0.36	186.0
	776	6.42	1.12	174.0	811	1.26	0.14	109.3	836	1.40	0.15	109.3
	837	3.32	0.32	95.2	838	2.72	0.26	95.2	839	0.97	0.11	109.3
	840	1.80	0.17	95.2	841	0.95	0.10	109.3	842	2.06	0.20	95.2
	875	1.55	0.37	240.0	876	1.36	0.08	61.4	877	1.37	0.17	126.8
	878	12.12	0.13	10.8	879	1.42	0.24	166.0	880	8.47	1.15	136.0
	881	2.16	0.42	196.0	882	2.01	0.35	174.0	883	1.54	0.37	240.0
	884	1.31	0.08	61.4	885	1.38	0.18	126.8	886	8.08	0.09	10.8
	887	0.98	0.16	166.0	888	4.89	0.66	136.0	889	2.29	0.45	196.0
	890	2.17	0.38	174.0	891	1.56	0.37	240.0	892	1.49	0.09	61.4
	893	1.74	0.22	126.8	894	7.18	0.08	10.8	895	0.94	0.16	166.0
	896	4.94	0.67	136.0	897	2.62	0.51	196.0	898	2.40	0.42	174.0
	899	1.57	0.38	240.0	900	1.63	0.10	61.4	901	1.84	0.23	126.8
	902	10.64	0.11	10.8	903	1.35	0.22	166.0	904	8.52	1.16	136.0
	905	2.51	0.49	196.0	906	2.24	0.39	174.0	941	1.74	0.18	104.6
	960	1.75	0.18	104.6	961	8.72	1.35	155.2	962	5.93	0.92	155.2
	963	1.58	0.17	104.6	964	5.98	0.93	155.2	965	1.64	0.17	104.6
	966	8.81	1.37	155.2	1004	1.42	0.70	496.0	1005	1.27	0.63	496.0
	1009	147.95	2.96	20.0	1010	143.50	2.87	20.0	1081	0.93	4.65e-03	5.0
	1082	0.59	2.97e-03	5.0	1084	0.73	0.21	285.0	1085	0.78	0.22	285.0
	1088	1.29	0.35	275.0	1089	1.05	0.29	275.0	1090	1.29	0.35	275.0
	1091	1.09	0.30	275.0	1092	1.14	0.31	275.0	1093	1.30	0.36	275.0
	1094	1.14	0.31	275.0	1095	1.31	0.36	275.0	1096	0.98	0.36	365.0
	1097	1.06	0.39	365.0	1098	0.98	0.36	365.0	1099	1.08	0.39	365.0
	1119	12.01	0.47	39.2	1120	8.25	0.32	39.2	1121	7.03	0.28	39.2
	1122	10.15	0.40	39.2	1123	0.76	0.21	280.0	1124	0.83	0.23	280.0
406	633	1.78	0.41	230.0	634	1.61	0.37	230.0	636	1.49	0.34	230.0
	637	1.40	0.32	230.0	639	1.21	0.28	230.0	640	1.11	0.25	230.0
	642	1.15	0.27	230.0	643	0.90	0.21	230.0	645	0.92	0.21	230.0
	646	0.62	0.14	230.0	648	1.43	0.77	537.0	650	1.37	0.73	537.0
	652	1.10	0.59	537.0	654	1.34	0.72	537.0	656	1.08	0.58	537.0
	658	1.32	0.71	537.0	660	1.02	0.55	537.0	662	1.25	0.67	537.0
	664	1.03	0.55	537.0	666	1.20	0.64	537.0	668	0.94	0.50	537.0
	670	1.12	0.60	537.0	695	8.63	2.55	296.0	696	7.43	2.20	296.0
	697	8.55	2.53	296.0	698	7.51	2.22	296.0	699	8.25	2.44	296.0
	700	7.40	2.19	296.0	701	8.05	2.38	296.0	702	7.21	2.13	296.0
	703	7.90	2.34	296.0	704	7.04	2.08	296.0	745	1.31	0.31	240.0
	746	1.06	0.06	56.7	747	1.34	0.22	166.0	748	1.10	0.08	70.8
	749	1.71	0.28	166.0	750	1.62	0.24	146.0	751	2.46	0.46	186.0
	752	2.19	0.38	174.0	753	1.31	0.31	240.0	754	0.97	0.05	56.7
	755	1.34	0.22	166.0	756	0.90	0.06	70.8	757	1.65	0.27	166.0
	758	1.20	0.18	146.0	759	2.48	0.46	186.0	760	2.25	0.39	174.0
	761	1.32	0.32	240.0	762	1.58	0.09	56.7	763	1.34	0.22	166.0
	764	1.43	0.10	70.8	765	1.66	0.28	166.0	766	1.11	0.16	146.0
	767	3.01	0.56	186.0	768	3.61	0.63	174.0	769	1.33	0.32	240.0
	770	1.73	0.10	56.7	771	1.36	0.23	166.0	772	1.61	0.11	70.8
	773	1.72	0.29	166.0	774	1.56	0.23	146.0	775	2.98	0.55	186.0
	776	3.59	0.63	174.0	811	1.93	0.21	109.3	836	2.06	0.23	109.3
	837	4.00	0.38	95.2	838	3.45	0.33	95.2	839	1.62	0.18	109.3
	840	2.59	0.25	95.2	841	1.61	0.18	109.3	842	2.80	0.27	95.2
	875	0.76	0.18	240.0	876	0.95	0.06	61.4	877	0.92	0.12	126.8

Firmato digitalmente da: Cheli Massimo
Firmato il 30/12/2024 18:24
Serial Certificato: 2f02f35
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature

	878	10.88	0.12	10.8	879	2.30	0.38	166.0	880	8.90	1.21	136.0
	881	0.90	0.18	196.0	882	0.90	0.16	174.0	883	0.76	0.18	240.0
	884	0.81	0.05	61.4	885	0.86	0.11	126.8	886	6.75	0.07	10.8
	887	1.47	0.24	166.0	888	5.02	0.68	136.0	889	0.92	0.18	196.0
	890	0.88	0.15	174.0	891	0.79	0.19	240.0	892	0.63	0.04	61.4
	893	0.75	0.10	126.8	894	5.85	0.06	10.8	895	1.49	0.25	166.0
	896	5.04	0.69	136.0	897	1.26	0.25	196.0	898	1.14	0.20	174.0
	899	0.79	0.19	240.0	900	0.87	0.05	61.4	901	0.73	0.09	126.8
	902	9.40	0.10	10.8	903	2.29	0.38	166.0	904	8.92	1.21	136.0
	905	1.24	0.24	196.0	906	1.14	0.20	174.0	941	0.76	0.08	104.6
	960	0.69	0.07	104.6	961	7.47	1.16	155.2	962	4.61	0.72	155.2
	963	0.75	0.08	104.6	964	4.67	0.73	155.2	965	0.82	0.09	104.6
	966	7.57	1.17	155.2	1004	2.14	1.06	496.0	1005	2.04	1.01	496.0
	1009	44.33	0.89	20.0	1010	38.28	0.77	20.0	1081	1.65	8.25e-03	5.0
	1082	1.38	6.90e-03	5.0	1084	2.84	0.81	285.0	1085	2.63	0.75	285.0
	1088	4.72	1.30	275.0	1089	4.83	1.33	275.0	1090	4.74	1.30	275.0
	1091	4.81	1.32	275.0	1092	4.58	1.26	275.0	1093	4.53	1.25	275.0
	1094	4.58	1.26	275.0	1095	4.51	1.24	275.0	1096	3.30	1.20	365.0
	1097	3.56	1.30	365.0	1098	3.34	1.22	365.0	1099	3.56	1.30	365.0
	1119	7.26	0.28	39.2	1120	2.91	0.11	39.2	1121	4.26	0.17	39.2
	1122	8.90	0.35	39.2	1123	2.89	0.81	280.0	1124	2.69	0.75	280.0
407	633	1.73	0.40	230.0	634	1.71	0.39	230.0	636	1.53	0.35	230.0
	637	1.58	0.36	230.0	639	1.32	0.30	230.0	640	1.39	0.32	230.0
	642	1.16	0.27	230.0	643	1.29	0.30	230.0	645	0.87	0.20	230.0
	646	1.01	0.23	230.0	648	3.60	1.93	537.0	650	3.64	1.95	537.0
	652	3.84	2.06	537.0	654	4.12	2.21	537.0	656	3.87	2.08	537.0
	658	4.21	2.26	537.0	660	3.94	2.12	537.0	662	4.27	2.30	537.0
	664	4.01	2.15	537.0	666	4.35	2.34	537.0	668	4.05	2.17	537.0
	670	4.39	2.36	537.0	695	8.04	2.38	296.0	696	7.41	2.19	296.0
	697	8.06	2.39	296.0	698	7.42	2.20	296.0	699	8.17	2.42	296.0
	700	7.51	2.22	296.0	701	8.29	2.45	296.0	702	7.61	2.25	296.0
	703	8.27	2.45	296.0	704	7.58	2.24	296.0	745	0.95	0.23	240.0
	746	0.84	0.05	56.7	747	0.95	0.16	166.0	748	1.37	0.10	70.8
	749	1.20	0.20	166.0	750	2.14	0.31	146.0	751	1.83	0.34	186.0
	752	1.60	0.28	174.0	753	0.94	0.23	240.0	754	0.96	0.05	56.7
	755	0.96	0.16	166.0	756	1.20	0.08	70.8	757	1.15	0.19	166.0
	758	1.69	0.25	146.0	759	1.77	0.33	186.0	760	1.59	0.28	174.0
	761	0.96	0.23	240.0	762	1.31	0.07	56.7	763	0.98	0.16	166.0
	764	1.18	0.08	70.8	765	1.17	0.19	166.0	766	1.66	0.24	146.0
	767	2.24	0.42	186.0	768	3.77	0.66	174.0	769	0.96	0.23	240.0
	770	1.23	0.07	56.7	771	0.99	0.16	166.0	772	1.00	0.07	70.8
	773	1.22	0.20	166.0	774	2.11	0.31	146.0	775	2.30	0.43	186.0
	776	3.76	0.65	174.0	811	1.37	0.15	109.3	836	1.56	0.17	109.3
	837	3.40	0.32	95.2	838	2.81	0.27	95.2	839	1.04	0.11	109.3
	840	1.90	0.18	95.2	841	1.16	0.13	109.3	842	2.29	0.22	95.2
	875	1.49	0.36	240.0	876	1.22	0.07	61.4	877	1.27	0.16	126.8
	878	12.10	0.13	10.8	879	1.20	0.20	166.0	880	8.47	1.15	136.0
	881	2.39	0.47	196.0	882	2.23	0.39	174.0	883	1.48	0.35	240.0
	884	1.30	0.08	61.4	885	1.34	0.17	126.8	886	7.90	0.09	10.8
	887	0.74	0.12	166.0	888	4.90	0.67	136.0	889	1.86	0.36	196.0
	890	1.75	0.30	174.0	891	1.49	0.36	240.0	892	1.63	0.10	61.4
	893	1.70	0.22	126.8	894	6.96	0.07	10.8	895	0.70	0.12	166.0
	896	4.96	0.67	136.0	897	2.20	0.43	196.0	898	1.98	0.34	174.0
	899	1.50	0.36	240.0	900	1.47	0.09	61.4	901	1.83	0.23	126.8
	902	10.64	0.11	10.8	903	1.20	0.20	166.0	904	8.53	1.16	136.0
	905	2.68	0.53	196.0	906	2.42	0.42	174.0	941	1.61	0.17	104.6
	960	1.78	0.19	104.6	961	8.56	1.33	155.2	962	5.86	0.91	155.2
	963	1.50	0.16	104.6	964	5.93	0.92	155.2	965	1.60	0.17	104.6
	966	8.65	1.34	155.2	1004	1.63	0.81	496.0	1005	1.51	0.75	496.0
	1009	151.64	3.03	20.0	1010	144.59	2.89	20.0	1081	0.92	4.60e-03	5.0
	1082	1.32	6.61e-03	5.0	1084	2.24	0.64	285.0	1085	2.57	0.73	285.0
	1088	4.42	1.21	275.0	1089	4.35	1.20	275.0	1090	4.42	1.22	275.0
	1091	4.37	1.20	275.0	1092	4.12	1.13	275.0	1093	4.23	1.16	275.0
	1094	4.13	1.14	275.0	1095	4.25	1.17	275.0	1096	3.17	1.16	365.0
	1097	2.95	1.08	365.0	1098	3.16	1.15	365.0	1099	2.96	1.08	365.0
	1119	11.99	0.47	39.2	1120	8.07	0.32	39.2	1121	6.77	0.27	39.2
	1122	10.15	0.40	39.2	1123	2.27	0.64	280.0	1124	2.59	0.72	280.0
408	633	0.53	0.12	230.0	634	0.55	0.13	230.0	636	0.71	0.16	230.0

Firmato digitalmente da: Fogagni Massimo
Firmato il 01/10/2024 18:24
Serial Certificato: 2e02e55
Valido dal 01/09/2023 al 01/09/2026
InfoCert Qualified Electronic Signature CA

	637	0.93	0.21	230.0	639	1.02	0.24	230.0	640	1.17	0.27	230.0
	642	1.22	0.28	230.0	643	1.23	0.28	230.0	645	1.58	0.36	230.0
	646	1.36	0.31	230.0	648	0.78	0.42	537.0	650	1.58	0.85	537.0
	652	1.22	0.66	537.0	654	1.56	0.84	537.0	656	1.30	0.70	537.0
	658	1.63	0.88	537.0	660	1.47	0.79	537.0	662	1.77	0.95	537.0
	664	1.68	0.90	537.0	666	1.95	1.05	537.0	668	1.79	0.96	537.0
	670	1.83	0.98	537.0	695	8.47	2.51	296.0	696	7.09	2.10	296.0
	697	8.44	2.50	296.0	698	7.29	2.16	296.0	699	8.22	2.43	296.0
	700	7.36	2.18	296.0	701	8.09	2.40	296.0	702	7.26	2.15	296.0
	703	8.01	2.37	296.0	704	7.23	2.14	296.0	745	1.09	0.26	240.0
	746	0.62	0.03	56.7	747	1.12	0.19	166.0	748	0.74	0.05	70.8
	749	1.53	0.25	166.0	750	1.52	0.22	146.0	751	2.40	0.45	186.0
	752	2.11	0.37	174.0	753	1.07	0.26	240.0	754	0.79	0.04	56.7
	755	1.11	0.18	166.0	756	0.69	0.05	70.8	757	1.43	0.24	166.0
	758	1.09	0.16	146.0	759	1.75	0.33	186.0	760	1.51	0.26	174.0
	761	1.07	0.26	240.0	762	1.46	0.08	56.7	763	1.13	0.19	166.0
	764	1.41	0.10	70.8	765	1.43	0.24	166.0	766	1.08	0.16	146.0
	767	1.80	0.34	186.0	768	6.33	1.10	174.0	769	1.09	0.26	240.0
	770	1.53	0.09	56.7	771	1.13	0.19	166.0	772	1.36	0.10	70.8
	773	1.53	0.25	166.0	774	1.47	0.21	146.0	775	2.44	0.45	186.0
	776	6.52	1.13	174.0	811	1.72	0.19	109.3	836	1.95	0.21	109.3
	837	3.93	0.37	95.2	838	3.29	0.31	95.2	839	1.29	0.14	109.3
	840	2.28	0.22	95.2	841	1.41	0.15	109.3	842	2.67	0.25	95.2
	875	0.90	0.22	240.0	876	0.99	0.06	61.4	877	1.01	0.13	126.8
	878	10.94	0.12	10.8	879	2.36	0.39	166.0	880	8.96	1.22	136.0
	881	1.32	0.26	196.0	882	1.24	0.22	174.0	883	0.91	0.22	240.0
	884	1.03	0.06	61.4	885	1.02	0.13	126.8	886	6.93	0.07	10.8
	887	1.64	0.27	166.0	888	4.92	0.67	136.0	889	1.33	0.26	196.0
	890	1.23	0.21	174.0	891	0.91	0.22	240.0	892	1.08	0.07	61.4
	893	0.89	0.11	126.8	894	5.98	0.06	10.8	895	1.56	0.26	166.0
	896	4.94	0.67	136.0	897	1.91	0.37	196.0	898	1.67	0.29	174.0
	899	0.90	0.22	240.0	900	0.83	0.05	61.4	901	0.90	0.11	126.8
	902	9.51	0.10	10.8	903	2.33	0.39	166.0	904	8.98	1.22	136.0
	905	1.91	0.37	196.0	906	1.70	0.30	174.0	941	0.85	0.09	104.6
	960	0.91	0.09	104.6	961	7.66	1.19	155.2	962	4.71	0.73	155.2
	963	0.90	0.09	104.6	964	4.76	0.74	155.2	965	0.87	0.09	104.6
	966	7.73	1.20	155.2	1004	1.94	0.96	496.0	1005	1.77	0.88	496.0
	1009	30.02	0.60	20.0	1010	22.28	0.45	20.0	1081	1.07	5.33e-03	5.0
	1082	1.27	6.36e-03	5.0	1084	1.27	0.36	285.0	1085	1.35	0.38	285.0
	1088	1.83	0.50	275.0	1089	1.71	0.47	275.0	1090	1.80	0.49	275.0
	1091	1.69	0.46	275.0	1092	1.68	0.46	275.0	1093	1.85	0.51	275.0
	1094	1.78	0.49	275.0	1095	1.83	0.50	275.0	1096	1.53	0.56	365.0
	1097	1.72	0.63	365.0	1098	1.55	0.57	365.0	1099	1.74	0.63	365.0
	1119	7.11	0.28	39.2	1120	3.46	0.14	39.2	1121	4.62	0.18	39.2
	1122	9.02	0.35	39.2	1123	1.31	0.37	280.0	1124	1.39	0.39	280.0
409	633	1.04	0.24	230.0	634	0.91	0.21	230.0	636	1.17	0.27	230.0
	637	1.04	0.24	230.0	639	1.32	0.30	230.0	640	1.17	0.27	230.0
	642	1.37	0.31	230.0	643	1.16	0.27	230.0	645	1.63	0.38	230.0
	646	1.25	0.29	230.0	648	3.43	1.84	537.0	650	3.73	2.00	537.0
	652	3.98	2.14	537.0	654	4.15	2.23	537.0	656	4.14	2.22	537.0
	658	4.28	2.30	537.0	660	4.27	2.29	537.0	662	4.41	2.37	537.0
	664	4.42	2.38	537.0	666	4.50	2.42	537.0	668	4.46	2.40	537.0
	670	4.58	2.46	537.0	695	7.94	2.35	296.0	696	7.08	2.09	296.0
	697	8.04	2.38	296.0	698	7.19	2.13	296.0	699	8.21	2.43	296.0
	700	7.38	2.18	296.0	701	8.38	2.48	296.0	702	7.57	2.24	296.0
	703	8.41	2.49	296.0	704	7.66	2.27	296.0	745	0.71	0.17	240.0
	746	0.73	0.04	56.7	747	0.70	0.12	166.0	748	1.27	0.09	70.8
	749	1.00	0.17	166.0	750	2.09	0.31	146.0	751	1.76	0.33	186.0
	752	1.49	0.26	174.0	753	0.69	0.16	240.0	754	0.56	0.03	56.7
	755	0.70	0.12	166.0	756	0.97	0.07	70.8	757	0.92	0.15	166.0
	758	1.62	0.24	146.0	759	1.15	0.21	186.0	760	0.93	0.16	174.0
	761	0.71	0.17	240.0	762	0.89	0.05	56.7	763	0.69	0.12	166.0
	764	0.75	0.05	70.8	765	0.92	0.15	166.0	766	1.61	0.24	146.0
	767	1.22	0.23	186.0	768	6.08	1.06	174.0	769	0.73	0.18	240.0
	770	1.11	0.06	56.7	771	0.70	0.12	166.0	772	0.97	0.07	70.8
	773	1.00	0.17	166.0	774	2.09	0.30	146.0	775	1.78	0.33	186.0
	776	6.18	1.07	174.0	811	1.22	0.13	109.3	836	1.37	0.15	109.3
	837	3.31	0.31	95.2	838	2.70	0.26	95.2	839	0.91	0.10	109.3

Firmato digitalmente da: Fogli Massimo
Firmato il 01/10/2024 18:24
Serial Number Certificato: 5ee2e55
Valido dal 01/09/2023 al 01/09/2026
Qualified Electronic Signature

	840	1.75	0.17	95.2	841	0.90	0.10	109.3	842	2.02	0.19	95.2
	875	1.56	0.37	240.0	876	1.36	0.08	61.4	877	1.38	0.18	126.8
	878	12.11	0.13	10.8	879	1.44	0.24	166.0	880	8.48	1.15	136.0
	881	2.16	0.42	196.0	882	2.03	0.35	174.0	883	1.55	0.37	240.0
	884	1.32	0.08	61.4	885	1.39	0.18	126.8	886	8.14	0.09	10.8
	887	1.01	0.17	166.0	888	4.87	0.66	136.0	889	2.40	0.47	196.0
	890	2.26	0.39	174.0	891	1.56	0.38	240.0	892	1.50	0.09	61.4
	893	1.74	0.22	126.8	894	7.23	0.08	10.8	895	0.95	0.16	166.0
	896	4.93	0.67	136.0	897	2.82	0.55	196.0	898	2.56	0.45	174.0
	899	1.57	0.38	240.0	900	1.64	0.10	61.4	901	1.85	0.23	126.8
	902	10.63	0.11	10.8	903	1.36	0.23	166.0	904	8.53	1.16	136.0
	905	2.62	0.51	196.0	906	2.35	0.41	174.0	941	1.77	0.19	104.6
	960	1.72	0.18	104.6	961	8.83	1.37	155.2	962	5.89	0.91	155.2
	963	1.62	0.17	104.6	964	5.92	0.92	155.2	965	1.61	0.17	104.6
	966	8.92	1.38	155.2	1004	1.38	0.69	496.0	1005	1.24	0.61	496.0
	1009	151.51	3.03	20.0	1010	140.95	2.82	20.0	1081	0.87	4.35e-03	5.0
	1082	0.55	2.74e-03	5.0	1084	0.70	0.20	285.0	1085	0.81	0.23	285.0
	1088	1.01	0.28	275.0	1089	1.49	0.41	275.0	1090	0.96	0.26	275.0
	1091	1.47	0.40	275.0	1092	1.30	0.36	275.0	1093	1.32	0.36	275.0
	1094	1.28	0.35	275.0	1095	1.44	0.40	275.0	1096	1.06	0.39	365.0
	1097	1.09	0.40	365.0	1098	1.07	0.39	365.0	1099	1.11	0.41	365.0
	1119	12.00	0.47	39.2	1120	8.30	0.33	39.2	1121	7.08	0.28	39.2
	1122	10.14	0.40	39.2	1123	0.73	0.21	280.0	1124	0.86	0.24	280.0
410	633	1.60	0.37	230.0	634	1.44	0.33	230.0	636	1.46	0.34	230.0
	637	1.31	0.30	230.0	639	1.20	0.28	230.0	640	1.08	0.25	230.0
	642	1.16	0.27	230.0	643	1.02	0.23	230.0	645	0.90	0.21	230.0
	646	0.82	0.19	230.0	648	1.46	0.78	537.0	650	1.25	0.67	537.0
	652	1.17	0.63	537.0	654	1.34	0.72	537.0	656	1.15	0.62	537.0
	658	1.32	0.71	537.0	660	1.13	0.61	537.0	662	1.32	0.71	537.0
	664	1.20	0.65	537.0	666	1.35	0.73	537.0	668	1.04	0.56	537.0
	670	1.28	0.69	537.0	695	8.30	2.46	296.0	696	7.64	2.26	296.0
	697	8.41	2.49	296.0	698	7.76	2.30	296.0	699	8.14	2.41	296.0
	700	7.53	2.23	296.0	701	7.96	2.36	296.0	702	7.34	2.17	296.0
	703	7.82	2.31	296.0	704	7.17	2.12	296.0	745	1.27	0.31	240.0
	746	1.00	0.06	56.7	747	1.29	0.21	166.0	748	1.05	0.07	70.8
	749	1.67	0.28	166.0	750	1.61	0.23	146.0	751	2.40	0.45	186.0
	752	2.14	0.37	174.0	753	1.26	0.30	240.0	754	0.92	0.05	56.7
	755	1.30	0.22	166.0	756	0.85	0.06	70.8	757	1.60	0.27	166.0
	758	1.18	0.17	146.0	759	2.35	0.44	186.0	760	2.13	0.37	174.0
	761	1.27	0.30	240.0	762	1.55	0.09	56.7	763	1.30	0.22	166.0
	764	1.40	0.10	70.8	765	1.62	0.27	166.0	766	1.10	0.16	146.0
	767	2.76	0.51	186.0	768	3.80	0.66	174.0	769	1.29	0.31	240.0
	770	1.69	0.10	56.7	771	1.32	0.22	166.0	772	1.58	0.11	70.8
	773	1.68	0.28	166.0	774	1.55	0.23	146.0	775	2.80	0.52	186.0
	776	3.83	0.67	174.0	811	1.90	0.21	109.3	836	2.03	0.22	109.3
	837	3.98	0.38	95.2	838	3.42	0.33	95.2	839	1.57	0.17	109.3
	840	2.54	0.24	95.2	841	1.56	0.17	109.3	842	2.76	0.26	95.2
	875	0.77	0.18	240.0	876	0.96	0.06	61.4	877	0.93	0.12	126.8
	878	10.91	0.12	10.8	879	2.32	0.38	166.0	880	8.68	1.18	136.0
	881	1.01	0.20	196.0	882	1.00	0.17	174.0	883	0.77	0.19	240.0
	884	0.86	0.05	61.4	885	0.87	0.11	126.8	886	6.73	0.07	10.8
	887	1.48	0.25	166.0	888	5.18	0.70	136.0	889	1.03	0.20	196.0
	890	0.98	0.17	174.0	891	0.80	0.19	240.0	892	0.64	0.04	61.4
	893	0.76	0.10	126.8	894	5.84	0.06	10.8	895	1.49	0.25	166.0
	896	5.21	0.71	136.0	897	1.49	0.29	196.0	898	1.33	0.23	174.0
	899	0.80	0.19	240.0	900	0.88	0.05	61.4	901	0.74	0.09	126.8
	902	9.43	0.10	10.8	903	2.31	0.38	166.0	904	8.70	1.18	136.0
	905	1.47	0.29	196.0	906	1.33	0.23	174.0	941	0.78	0.08	104.6
	960	0.70	0.07	104.6	961	7.38	1.15	155.2	962	4.70	0.73	155.2
	963	0.76	0.08	104.6	964	4.76	0.74	155.2	965	0.82	0.09	104.6
	966	7.48	1.16	155.2	1004	2.11	1.05	496.0	1005	2.00	0.99	496.0
	1009	36.81	0.74	20.0	1010	32.90	0.66	20.0	1081	1.60	7.98e-03	5.0
	1082	1.33	6.67e-03	5.0	1084	2.74	0.78	285.0	1085	2.54	0.72	285.0
	1088	4.50	1.24	275.0	1089	4.61	1.27	275.0	1090	4.53	1.25	275.0
	1091	4.60	1.27	275.0	1092	4.37	1.20	275.0	1093	4.32	1.19	275.0
	1094	4.39	1.21	275.0	1095	4.32	1.19	275.0	1096	3.17	1.16	365.0
	1097	3.43	1.25	365.0	1098	3.19	1.17	365.0	1099	3.41	1.25	365.0
	1119	7.29	0.29	39.2	1120	2.98	0.12	39.2	1121	4.31	0.17	39.2

Firmato digitalmente da: Fogagni Massimo
Firmato il 01/08/2024 18:24
Serial Certificato: 2e0285
Valido dal 01/09/2023 al 01/09/2026
InfoCert Qualified Electronic Signature CA

	1122	8.93	0.35	39.2	1123	2.77	0.78	280.0	1124	2.57	0.72	280.0
411	633	1.01	0.23	230.0	634	1.08	0.25	230.0	636	1.09	0.25	230.0
	637	1.25	0.29	230.0	639	1.19	0.27	230.0	640	1.35	0.31	230.0
	642	1.06	0.24	230.0	643	1.61	0.37	230.0	645	1.27	0.29	230.0
	646	1.49	0.34	230.0	648	3.71	1.99	537.0	650	3.39	1.82	537.0
	652	4.13	2.22	537.0	654	3.90	2.10	537.0	656	4.24	2.28	537.0
	658	3.98	2.14	537.0	660	4.34	2.33	537.0	662	4.08	2.19	537.0
	664	4.42	2.37	537.0	666	4.19	2.25	537.0	668	4.49	2.41	537.0
	670	4.23	2.27	537.0	695	7.02	2.08	296.0	696	7.68	2.27	296.0
	697	7.13	2.11	296.0	698	7.78	2.30	296.0	699	7.31	2.16	296.0
	700	7.95	2.35	296.0	701	7.54	2.23	296.0	702	8.11	2.40	296.0
	703	7.54	2.23	296.0	704	8.15	2.41	296.0	745	0.72	0.17	240.0
	746	0.60	0.03	56.7	747	0.73	0.12	166.0	748	1.00	0.07	70.8
	749	0.95	0.16	166.0	750	1.63	0.24	146.0	751	1.18	0.22	186.0
	752	0.98	0.17	174.0	753	0.75	0.18	240.0	754	0.77	0.04	56.7
	755	0.74	0.12	166.0	756	1.29	0.09	70.8	757	1.03	0.17	166.0
	758	2.10	0.31	146.0	759	1.85	0.34	186.0	760	1.58	0.27	174.0
	761	0.76	0.18	240.0	762	1.20	0.07	56.7	763	0.76	0.13	166.0
	764	1.05	0.07	70.8	765	1.03	0.17	166.0	766	2.09	0.31	146.0
	767	1.94	0.36	186.0	768	1.72	0.30	174.0	769	0.72	0.17	240.0
	770	0.97	0.05	56.7	771	0.75	0.13	166.0	772	0.81	0.06	70.8
	773	0.95	0.16	166.0	774	1.62	0.24	146.0	775	1.35	0.25	186.0
	776	1.18	0.21	174.0	811	1.39	0.15	109.3	836	1.25	0.14	109.3
	837	2.71	0.26	95.2	838	3.32	0.32	95.2	839	0.87	0.10	109.3
	840	2.05	0.19	95.2	841	0.88	0.10	109.3	842	1.78	0.17	95.2
	875	1.56	0.37	240.0	876	1.32	0.08	61.4	877	1.40	0.18	126.8
	878	7.99	0.09	10.8	879	0.90	0.15	166.0	880	4.81	0.65	136.0
	881	2.31	0.45	196.0	882	2.19	0.38	174.0	883	1.57	0.38	240.0
	884	1.37	0.08	61.4	885	1.39	0.18	126.8	886	11.88	0.13	10.8
	887	1.34	0.22	166.0	888	8.24	1.12	136.0	889	2.19	0.43	196.0
	890	2.04	0.36	174.0	891	1.57	0.38	240.0	892	1.72	0.11	61.4
	893	1.86	0.24	126.8	894	10.43	0.11	10.8	895	1.25	0.21	166.0
	896	8.30	1.13	136.0	897	2.55	0.50	196.0	898	2.15	0.37	174.0
	899	1.56	0.37	240.0	900	1.55	0.09	61.4	901	1.77	0.22	126.8
	902	7.10	0.08	10.8	903	0.82	0.14	166.0	904	4.86	0.66	136.0
	905	2.65	0.52	196.0	906	2.28	0.40	174.0	941	1.76	0.18	104.6
	960	1.75	0.18	104.6	961	5.88	0.91	155.2	962	8.57	1.33	155.2
	963	1.64	0.17	104.6	964	8.66	1.34	155.2	965	1.57	0.16	104.6
	966	5.92	0.92	155.2	1004	1.26	0.62	496.0	1005	1.41	0.70	496.0
	1009	140.40	2.81	20.0	1010	145.56	2.91	20.0	1081	0.58	2.91e-03	5.0
	1082	0.92	4.58e-03	5.0	1084	0.79	0.23	285.0	1085	0.72	0.20	285.0
	1088	1.17	0.32	275.0	1089	0.94	0.26	275.0	1090	1.14	0.31	275.0
	1091	0.95	0.26	275.0	1092	1.41	0.39	275.0	1093	1.25	0.34	275.0
	1094	1.42	0.39	275.0	1095	1.25	0.34	275.0	1096	1.08	0.39	365.0
	1097	1.04	0.38	365.0	1098	1.10	0.40	365.0	1099	1.05	0.38	365.0
	1119	8.13	0.32	39.2	1120	11.72	0.46	39.2	1121	9.91	0.39	39.2
	1122	6.93	0.27	39.2	1123	0.84	0.23	280.0	1124	0.75	0.21	280.0
412	633	1.64	0.38	230.0	634	1.72	0.40	230.0	636	1.38	0.32	230.0
	637	1.50	0.34	230.0	639	1.09	0.25	230.0	640	1.18	0.27	230.0
	642	0.97	0.22	230.0	643	0.81	0.19	230.0	645	0.69	0.16	230.0
	646	0.75	0.17	230.0	648	1.36	0.73	537.0	650	1.24	0.67	537.0
	652	1.38	0.74	537.0	654	1.14	0.61	537.0	656	1.36	0.73	537.0
	658	1.11	0.60	537.0	660	1.30	0.70	537.0	662	1.06	0.57	537.0
	664	1.24	0.67	537.0	666	1.05	0.57	537.0	668	1.16	0.62	537.0
	670	0.96	0.51	537.0	695	7.23	2.14	296.0	696	8.40	2.49	296.0
	697	7.32	2.17	296.0	698	8.40	2.49	296.0	699	7.23	2.14	296.0
	700	8.10	2.40	296.0	701	7.00	2.07	296.0	702	7.90	2.34	296.0
	703	6.87	2.03	296.0	704	7.76	2.30	296.0	745	1.31	0.32	240.0
	746	0.97	0.06	56.7	747	1.34	0.22	166.0	748	0.90	0.06	70.8
	749	1.65	0.27	166.0	750	1.20	0.18	146.0	751	2.49	0.46	186.0
	752	2.26	0.39	174.0	753	1.32	0.32	240.0	754	1.07	0.06	56.7
	755	1.34	0.22	166.0	756	1.10	0.08	70.8	757	1.71	0.28	166.0
	758	1.62	0.24	146.0	759	2.47	0.46	186.0	760	2.20	0.38	174.0
	761	1.32	0.32	240.0	762	1.77	0.10	56.7	763	1.37	0.23	166.0
	764	1.63	0.12	70.8	765	1.73	0.29	166.0	766	1.56	0.23	146.0
	767	2.99	0.56	186.0	768	2.59	0.45	174.0	769	1.32	0.32	240.0
	770	1.62	0.09	56.7	771	1.36	0.23	166.0	772	1.45	0.10	70.8
	773	1.66	0.28	166.0	774	1.11	0.16	146.0	775	3.02	0.56	186.0

Firmato digitalmente da: Bogni Massimo
Firmato il 01/08/2024 18:24
Serial Number Certificato: 2e2265
Valido dal 01/09/2023 al 01/09/2026
Qualified Electronic Signature

	776	2.66	0.46	174.0	811	2.06	0.23	109.3	836	1.94	0.21	109.3
	837	3.45	0.33	95.2	838	4.01	0.38	95.2	839	1.59	0.17	109.3
	840	2.81	0.27	95.2	841	1.58	0.17	109.3	842	2.60	0.25	95.2
	875	0.74	0.18	240.0	876	0.78	0.05	61.4	877	0.85	0.11	126.8
	878	6.65	0.07	10.8	879	1.44	0.24	166.0	880	4.92	0.67	136.0
	881	0.89	0.17	196.0	882	0.85	0.15	174.0	883	0.74	0.18	240.0
	884	0.94	0.06	61.4	885	0.90	0.11	126.8	886	10.62	0.11	10.8
	887	2.26	0.37	166.0	888	8.58	1.17	136.0	889	0.87	0.17	196.0
	890	0.87	0.15	174.0	891	0.76	0.18	240.0	892	0.92	0.06	61.4
	893	0.74	0.09	126.8	894	9.18	0.10	10.8	895	2.25	0.37	166.0
	896	8.61	1.17	136.0	897	1.20	0.24	196.0	898	4.13	0.72	174.0
	899	0.76	0.18	240.0	900	0.68	0.04	61.4	901	0.77	0.10	126.8
	902	5.76	0.06	10.8	903	1.46	0.24	166.0	904	4.95	0.67	136.0
	905	1.21	0.24	196.0	906	4.15	0.72	174.0	941	0.67	0.07	104.6
	960	0.74	0.08	104.6	961	4.54	0.71	155.2	962	7.31	1.13	155.2
	963	0.77	0.08	104.6	964	7.40	1.15	155.2	965	0.69	0.07	104.6
	966	4.60	0.71	155.2	1004	2.04	1.01	496.0	1005	2.14	1.06	496.0
	1009	34.19	0.68	20.0	1010	39.82	0.80	20.0	1081	1.38	6.90e-03	5.0
	1082	1.65	8.25e-03	5.0	1084	2.67	0.76	285.0	1085	2.87	0.82	285.0
	1088	4.98	1.37	275.0	1089	4.87	1.34	275.0	1090	4.97	1.37	275.0
	1091	4.90	1.35	275.0	1092	4.67	1.28	275.0	1093	4.72	1.30	275.0
	1094	4.64	1.28	275.0	1095	4.72	1.30	275.0	1096	3.64	1.33	365.0
	1097	3.38	1.23	365.0	1098	3.65	1.33	365.0	1099	3.42	1.25	365.0
	1119	2.75	0.11	39.2	1120	6.81	0.27	39.2	1121	8.65	0.34	39.2
	1122	4.08	0.16	39.2	1123	2.72	0.76	280.0	1124	2.92	0.82	280.0
413	633	1.89	0.44	230.0	634	1.83	0.42	230.0	636	1.63	0.37	230.0
	637	1.55	0.36	230.0	639	1.33	0.31	230.0	640	1.26	0.29	230.0
	642	1.23	0.28	230.0	643	0.79	0.18	230.0	645	0.92	0.21	230.0
	646	0.64	0.15	230.0	648	3.70	1.99	537.0	650	3.55	1.91	537.0
	652	4.17	2.24	537.0	654	3.87	2.08	537.0	656	4.25	2.28	537.0
	658	3.97	2.13	537.0	660	4.31	2.31	537.0	662	4.02	2.16	537.0
	664	4.35	2.33	537.0	666	4.08	2.19	537.0	668	4.40	2.36	537.0
	670	4.12	2.21	537.0	695	7.16	2.12	296.0	696	8.09	2.39	296.0
	697	7.13	2.11	296.0	698	8.07	2.39	296.0	699	7.20	2.13	296.0
	700	8.14	2.41	296.0	701	7.27	2.15	296.0	702	8.24	2.44	296.0
	703	7.27	2.15	296.0	704	8.21	2.43	296.0	745	1.02	0.25	240.0
	746	1.04	0.06	56.7	747	1.03	0.17	166.0	748	1.25	0.09	70.8
	749	1.22	0.20	166.0	750	1.71	0.25	146.0	751	1.92	0.36	186.0
	752	1.74	0.30	174.0	753	1.02	0.25	240.0	754	0.92	0.05	56.7
	755	1.02	0.17	166.0	756	1.42	0.10	70.8	757	1.27	0.21	166.0
	758	2.16	0.32	146.0	759	1.92	0.36	186.0	760	1.69	0.29	174.0
	761	1.05	0.25	240.0	762	1.22	0.07	56.7	763	1.03	0.17	166.0
	764	1.00	0.07	70.8	765	1.29	0.21	166.0	766	2.12	0.31	146.0
	767	2.53	0.47	186.0	768	2.15	0.37	174.0	769	1.06	0.26	240.0
	770	1.31	0.07	56.7	771	1.04	0.17	166.0	772	1.18	0.08	70.8
	773	1.24	0.21	166.0	774	1.67	0.24	146.0	775	2.53	0.47	186.0
	776	2.18	0.38	174.0	811	1.62	0.18	109.3	836	1.42	0.16	109.3
	837	2.85	0.27	95.2	838	3.44	0.33	95.2	839	1.32	0.14	109.3
	840	2.36	0.22	95.2	841	1.18	0.13	109.3	842	1.98	0.19	95.2
	875	1.46	0.35	240.0	876	1.28	0.08	61.4	877	1.32	0.17	126.8
	878	7.83	0.08	10.8	879	0.78	0.13	166.0	880	4.83	0.66	136.0
	881	1.85	0.36	196.0	882	1.72	0.30	174.0	883	1.47	0.35	240.0
	884	1.19	0.07	61.4	885	1.26	0.16	126.8	886	11.83	0.13	10.8
	887	1.20	0.20	166.0	888	8.27	1.12	136.0	889	2.29	0.45	196.0
	890	2.15	0.37	174.0	891	1.49	0.36	240.0	892	1.43	0.09	61.4
	893	1.78	0.23	126.8	894	10.40	0.11	10.8	895	1.23	0.20	166.0
	896	8.33	1.13	136.0	897	2.49	0.49	196.0	898	4.67	0.81	174.0
	899	1.48	0.35	240.0	900	1.56	0.10	61.4	901	1.65	0.21	126.8
	902	6.90	0.07	10.8	903	0.79	0.13	166.0	904	4.89	0.66	136.0
	905	2.08	0.41	196.0	906	4.48	0.78	174.0	941	1.72	0.18	104.6
	960	1.62	0.17	104.6	961	5.72	0.89	155.2	962	8.51	1.32	155.2
	963	1.54	0.16	104.6	964	8.60	1.33	155.2	965	1.52	0.16	104.6
	966	5.79	0.90	155.2	1004	1.57	0.78	496.0	1005	1.69	0.84	496.0
	1009	140.98	2.82	20.0	1010	154.55	3.09	20.0	1081	1.40	7.00e-03	5.0
	1082	0.99	4.97e-03	5.0	1084	2.73	0.78	285.0	1085	2.39	0.68	285.0
	1088	4.75	1.31	275.0	1089	4.81	1.32	275.0	1090	4.76	1.31	275.0
	1091	4.81	1.32	275.0	1092	4.61	1.27	275.0	1093	4.49	1.24	275.0
	1094	4.60	1.26	275.0	1095	4.47	1.23	275.0	1096	3.18	1.16	365.0

Firmato digitalmente da: Pagani Massimo
Firmato il 07/05/2024 18:24
Serial Number Certificato: 2e0235
07/09/2023 al 07/09/2026
Qualified Electronic Signature

	1097	3.41	1.24	365.0	1098	3.22	1.17	365.0	1099	3.42	1.25	365.0
	1119	7.98	0.31	39.2	1120	11.66	0.46	39.2	1121	9.88	0.39	39.2
	1122	6.70	0.26	39.2	1123	2.76	0.77	280.0	1124	2.44	0.68	280.0
414	633	0.78	0.18	230.0	634	0.62	0.14	230.0	636	1.00	0.23	230.0
	637	0.91	0.21	230.0	639	1.12	0.26	230.0	640	1.00	0.23	230.0
	642	1.10	0.25	230.0	643	1.33	0.31	230.0	645	1.36	0.31	230.0
	646	1.28	0.29	230.0	648	1.43	0.77	537.0	650	1.07	0.58	537.0
	652	1.56	0.84	537.0	654	1.32	0.71	537.0	656	1.61	0.87	537.0
	658	1.35	0.72	537.0	660	1.69	0.91	537.0	662	1.47	0.79	537.0
	664	1.81	0.97	537.0	666	1.56	0.84	537.0	668	1.69	0.91	537.0
	670	1.58	0.85	537.0	695	7.18	2.13	296.0	696	7.95	2.35	296.0
	697	7.39	2.19	296.0	698	8.15	2.41	296.0	699	7.30	2.16	296.0
	700	7.95	2.35	296.0	701	7.22	2.14	296.0	702	7.82	2.31	296.0
	703	7.10	2.10	296.0	704	7.74	2.29	296.0	745	1.09	0.26	240.0
	746	0.84	0.05	56.7	747	1.14	0.19	166.0	748	0.73	0.05	70.8
	749	1.46	0.24	166.0	750	1.11	0.16	146.0	751	1.77	0.33	186.0
	752	1.53	0.27	174.0	753	1.13	0.27	240.0	754	0.66	0.04	56.7
	755	1.15	0.19	166.0	756	0.78	0.06	70.8	757	1.56	0.26	166.0
	758	1.53	0.22	146.0	759	2.49	0.46	186.0	760	2.21	0.38	174.0
	761	1.13	0.27	240.0	762	1.53	0.09	56.7	763	1.15	0.19	166.0
	764	1.37	0.10	70.8	765	1.56	0.26	166.0	766	1.48	0.22	146.0
	767	2.59	0.48	186.0	768	2.32	0.40	174.0	769	1.10	0.26	240.0
	770	1.46	0.08	56.7	771	1.15	0.19	166.0	772	1.41	0.10	70.8
	773	1.46	0.24	166.0	774	1.09	0.16	146.0	775	1.91	0.36	186.0
	776	1.70	0.30	174.0	811	1.97	0.22	109.3	836	1.74	0.19	109.3
	837	3.30	0.31	95.2	838	3.94	0.38	95.2	839	1.46	0.16	109.3
	840	2.70	0.26	95.2	841	1.34	0.15	109.3	842	2.30	0.22	95.2
	875	0.92	0.22	240.0	876	1.07	0.07	61.4	877	1.03	0.13	126.8
	878	6.81	0.07	10.8	879	1.62	0.27	166.0	880	5.05	0.69	136.0
	881	1.23	0.24	196.0	882	1.17	0.20	174.0	883	0.91	0.22	240.0
	884	1.00	0.06	61.4	885	1.02	0.13	126.8	886	10.72	0.12	10.8
	887	2.34	0.39	166.0	888	8.47	1.15	136.0	889	1.25	0.25	196.0
	890	1.17	0.20	174.0	891	0.93	0.22	240.0	892	0.78	0.05	61.4
	893	0.88	0.11	126.8	894	9.32	0.10	10.8	895	2.32	0.38	166.0
	896	8.50	1.16	136.0	897	1.73	0.34	196.0	898	1.52	0.26	174.0
	899	0.94	0.23	240.0	900	1.01	0.06	61.4	901	0.88	0.11	126.8
	902	5.89	0.06	10.8	903	1.56	0.26	166.0	904	5.07	0.69	136.0
	905	1.71	0.34	196.0	906	1.54	0.27	174.0	941	0.92	0.10	104.6
	960	0.86	0.09	104.6	961	4.74	0.74	155.2	962	7.42	1.15	155.2
	963	0.90	0.09	104.6	964	7.49	1.16	155.2	965	0.93	0.10	104.6
	966	4.79	0.74	155.2	1004	1.78	0.88	496.0	1005	1.97	0.98	496.0
	1009	15.45	0.31	20.0	1010	19.41	0.39	20.0	1081	1.31	6.56e-03	155.0
	1082	1.09	5.44e-03	5.0	1084	1.35	0.39	285.0	1085	1.26	0.36	285.0
	1088	1.64	0.45	275.0	1089	1.55	0.43	275.0	1090	1.65	0.45	275.0
	1091	1.53	0.42	275.0	1092	1.80	0.50	275.0	1093	1.74	0.48	275.0
	1094	1.80	0.50	275.0	1095	1.76	0.48	275.0	1096	1.71	0.62	365.0
	1097	1.53	0.56	365.0	1098	1.72	0.63	365.0	1099	1.54	0.56	365.0
	1119	3.35	0.13	39.2	1120	6.70	0.26	39.2	1121	8.56	0.34	39.2
	1122	4.51	0.18	39.2	1123	1.40	0.39	280.0	1124	1.30	0.36	280.0
415	633	0.91	0.21	230.0	634	0.98	0.23	230.0	636	1.04	0.24	230.0
	637	1.18	0.27	230.0	639	1.20	0.28	230.0	640	1.35	0.31	230.0
	642	1.13	0.26	230.0	643	1.69	0.39	230.0	645	1.38	0.32	230.0
	646	1.62	0.37	230.0	648	3.71	1.99	537.0	650	3.42	1.83	537.0
	652	4.13	2.22	537.0	654	3.93	2.11	537.0	656	4.19	2.25	537.0
	658	4.03	2.16	537.0	660	4.32	2.32	537.0	662	4.16	2.23	537.0
	664	4.42	2.37	537.0	666	4.32	2.32	537.0	668	4.50	2.42	537.0
	670	4.36	2.34	537.0	695	6.89	2.04	296.0	696	7.80	2.31	296.0
	697	7.00	2.07	296.0	698	7.90	2.34	296.0	699	7.19	2.13	296.0
	700	8.07	2.39	296.0	701	7.46	2.21	296.0	702	8.24	2.44	296.0
	703	7.48	2.21	296.0	704	8.28	2.45	296.0	745	0.66	0.16	240.0
	746	0.54	0.03	56.7	747	0.68	0.11	166.0	748	0.96	0.07	70.8
	749	0.90	0.15	166.0	750	1.62	0.24	146.0	751	1.13	0.21	186.0
	752	0.91	0.16	174.0	753	0.68	0.16	240.0	754	0.71	0.04	56.7
	755	0.69	0.11	166.0	756	1.26	0.09	70.8	757	0.98	0.16	166.0
	758	2.09	0.31	146.0	759	1.74	0.32	186.0	760	1.48	0.26	174.0
	761	0.70	0.17	240.0	762	1.15	0.07	56.7	763	0.71	0.12	166.0
	764	1.01	0.07	70.8	765	0.98	0.16	166.0	766	2.09	0.30	146.0
	767	1.76	0.33	186.0	768	1.55	0.27	174.0	769	0.67	0.16	240.0

Firmato digitalmente da: Gregori Massimo
Firmato il 16/09/2024 18:24
Serial Certificato: 3ee2e55
Valido dal 01/09/2023 al 01/09/2026
Qualified Electronic Signature

	770	0.93	0.05	56.7	771	0.70	0.12	166.0	772	0.78	0.06	70.8
	773	0.90	0.15	166.0	774	1.61	0.24	146.0	775	1.19	0.22	186.0
	776	1.03	0.18	174.0	811	1.36	0.15	109.3	836	1.21	0.13	109.3
	837	2.69	0.26	95.2	838	3.30	0.31	95.2	839	0.83	0.09	109.3
	840	2.01	0.19	95.2	841	0.83	0.09	109.3	842	1.74	0.17	95.2
	875	1.56	0.37	240.0	876	1.33	0.08	61.4	877	1.40	0.18	126.8
	878	8.03	0.09	10.8	879	0.94	0.16	166.0	880	4.79	0.65	136.0
	881	2.43	0.48	196.0	882	2.28	0.40	174.0	883	1.57	0.38	240.0
	884	1.38	0.08	61.4	885	1.40	0.18	126.8	886	11.87	0.13	10.8
	887	1.36	0.23	166.0	888	8.25	1.12	136.0	889	2.20	0.43	196.0
	890	2.06	0.36	174.0	891	1.58	0.38	240.0	892	1.72	0.11	61.4
	893	1.86	0.24	126.8	894	10.42	0.11	10.8	895	1.25	0.21	166.0
	896	8.31	1.13	136.0	897	2.67	0.52	196.0	898	2.00	0.35	174.0
	899	1.57	0.38	240.0	900	1.55	0.10	61.4	901	1.77	0.22	126.8
	902	7.14	0.08	10.8	903	0.84	0.14	166.0	904	4.84	0.66	136.0
	905	2.87	0.56	196.0	906	2.21	0.38	174.0	941	1.74	0.18	104.6
	960	1.80	0.19	104.6	961	5.81	0.90	155.2	962	8.67	1.35	155.2
	963	1.61	0.17	104.6	964	8.75	1.36	155.2	965	1.62	0.17	104.6
	966	5.84	0.91	155.2	1004	1.22	0.61	496.0	1005	1.37	0.68	496.0
	1009	138.02	2.76	20.0	1010	149.27	2.99	20.0	1081	0.54	2.69e-03	5.0
	1082	0.86	4.28e-03	5.0	1084	0.82	0.23	285.0	1085	0.69	0.20	285.0
	1088	1.62	0.44	275.0	1089	1.49	0.41	275.0	1090	1.62	0.45	275.0
	1091	1.38	0.38	275.0	1092	1.10	0.30	275.0	1093	1.42	0.39	275.0
	1094	1.20	0.33	275.0	1095	1.40	0.38	275.0	1096	1.12	0.41	365.0
	1097	1.12	0.41	365.0	1098	1.14	0.42	365.0	1099	1.13	0.41	365.0
	1119	8.18	0.32	39.2	1120	11.70	0.46	39.2	1121	9.89	0.39	39.2
	1122	6.98	0.27	39.2	1123	0.87	0.24	280.0	1124	0.73	0.20	280.0
416	633	1.45	0.33	230.0	634	1.55	0.36	230.0	636	1.29	0.30	230.0
	637	1.45	0.33	230.0	639	1.06	0.24	230.0	640	1.20	0.28	230.0
	642	1.09	0.25	230.0	643	0.82	0.19	230.0	645	0.89	0.21	230.0
	646	0.76	0.17	230.0	648	1.22	0.65	537.0	650	1.28	0.69	537.0
	652	1.31	0.70	537.0	654	1.19	0.64	537.0	656	1.33	0.71	537.0
	658	1.19	0.64	537.0	660	1.33	0.71	537.0	662	1.16	0.62	537.0
	664	1.37	0.74	537.0	666	1.21	0.65	537.0	668	1.31	0.70	537.0
	670	1.05	0.56	537.0	695	7.45	2.21	296.0	696	8.07	2.39	296.0
	697	7.58	2.24	296.0	698	8.18	2.42	296.0	699	7.35	2.17	296.0
	700	7.98	2.36	296.0	701	7.12	2.11	296.0	702	7.80	2.31	296.0
	703	6.98	2.07	296.0	704	7.67	2.27	296.0	745	1.26	0.30	240.0
	746	0.92	0.05	56.7	747	1.30	0.22	166.0	748	0.85	0.06	70.8
	749	1.61	0.27	166.0	750	1.18	0.17	146.0	751	2.35	0.44	186.0
	752	2.13	0.37	174.0	753	1.28	0.31	240.0	754	1.01	0.06	56.7
	755	1.30	0.22	166.0	756	1.05	0.07	70.8	757	1.68	0.28	166.0
	758	1.61	0.23	146.0	759	2.41	0.45	186.0	760	2.14	0.37	174.0
	761	1.28	0.31	240.0	762	1.73	0.10	56.7	763	1.32	0.22	166.0
	764	1.60	0.11	70.8	765	1.69	0.28	166.0	766	1.55	0.23	146.0
	767	2.81	0.52	186.0	768	2.44	0.42	174.0	769	1.26	0.30	240.0
	770	1.58	0.09	56.7	771	1.32	0.22	166.0	772	1.42	0.10	70.8
	773	1.62	0.27	166.0	774	1.10	0.16	146.0	775	2.78	0.52	186.0
	776	2.44	0.42	174.0	811	2.03	0.22	109.3	836	1.90	0.21	109.3
	837	3.42	0.33	95.2	838	3.98	0.38	95.2	839	1.54	0.17	109.3
	840	2.77	0.26	95.2	841	1.53	0.17	109.3	842	2.54	0.24	95.2
	875	0.75	0.18	240.0	876	0.85	0.05	61.4	877	0.85	0.11	126.8
	878	6.64	0.07	10.8	879	1.45	0.24	166.0	880	5.13	0.70	136.0
	881	1.00	0.20	196.0	882	0.95	0.16	174.0	883	0.75	0.18	240.0
	884	0.95	0.06	61.4	885	0.92	0.12	126.8	886	10.66	0.11	10.8
	887	2.27	0.38	166.0	888	8.40	1.14	136.0	889	0.98	0.19	196.0
	890	0.97	0.17	174.0	891	0.77	0.18	240.0	892	0.93	0.06	61.4
	893	0.74	0.09	126.8	894	9.22	0.10	10.8	895	2.26	0.38	166.0
	896	8.43	1.15	136.0	897	1.43	0.28	196.0	898	4.32	0.75	174.0
	899	0.77	0.18	240.0	900	0.69	0.04	61.4	901	0.77	0.10	126.8
	902	5.75	0.06	10.8	903	1.46	0.24	166.0	904	5.16	0.70	136.0
	905	1.44	0.28	196.0	906	4.34	0.75	174.0	941	0.69	0.07	104.6
	960	0.76	0.08	104.6	961	4.66	0.72	155.2	962	7.24	1.12	155.2
	963	0.77	0.08	104.6	964	7.34	1.14	155.2	965	0.70	0.07	104.6
	966	4.71	0.73	155.2	1004	2.00	0.99	496.0	1005	2.11	1.05	496.0
	1009	28.64	0.57	20.0	1010	32.28	0.65	20.0	1081	1.34	6.68e-03	5.0
	1082	1.60	7.98e-03	5.0	1084	2.57	0.73	285.0	1085	2.77	0.79	285.0
	1088	4.76	1.31	275.0	1089	4.65	1.28	275.0	1090	4.75	1.31	275.0

Firmato digitalmente da: Cologni Massimo
Firmato il 07/03/2024 18:24
Seriale Certificato: 4202255
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature

	1091	4.68	1.29	275.0	1092	4.45	1.23	275.0	1093	4.51	1.24	275.0
	1094	4.46	1.23	275.0	1095	4.53	1.25	275.0	1096	3.51	1.28	365.0
	1097	3.25	1.19	365.0	1098	3.50	1.28	365.0	1099	3.28	1.20	365.0
	1119	2.78	0.11	39.2	1120	6.80	0.27	39.2	1121	8.66	0.34	39.2
	1122	4.09	0.16	39.2	1123	2.60	0.73	280.0	1124	2.80	0.78	280.0
417	633	1.72	0.40	230.0	634	1.69	0.39	230.0	636	1.54	0.35	230.0
	637	1.49	0.34	230.0	639	1.33	0.31	230.0	640	1.27	0.29	230.0
	642	1.31	0.30	230.0	643	0.84	0.19	230.0	645	1.03	0.24	230.0
	646	0.73	0.17	230.0	648	3.67	1.97	537.0	650	3.51	1.89	537.0
	652	4.15	2.23	537.0	654	3.83	2.06	537.0	656	4.29	2.31	537.0
	658	3.93	2.11	537.0	660	4.36	2.34	537.0	662	3.99	2.14	537.0
	664	4.43	2.38	537.0	666	4.05	2.17	537.0	668	4.47	2.40	537.0
	670	4.09	2.20	537.0	695	7.22	2.14	296.0	696	7.90	2.34	296.0
	697	7.22	2.14	296.0	698	7.92	2.34	296.0	699	7.31	2.16	296.0
	700	8.01	2.37	296.0	701	7.38	2.19	296.0	702	8.14	2.41	296.0
	703	7.38	2.18	296.0	704	8.12	2.40	296.0	745	0.96	0.23	240.0
	746	0.98	0.06	56.7	747	0.97	0.16	166.0	748	1.21	0.09	70.8
	749	1.16	0.19	166.0	750	1.70	0.25	146.0	751	1.78	0.33	186.0
	752	1.60	0.28	174.0	753	0.96	0.23	240.0	754	0.86	0.05	56.7
	755	0.97	0.16	166.0	756	1.38	0.10	70.8	757	1.22	0.20	166.0
	758	2.15	0.31	146.0	759	1.85	0.34	186.0	760	1.61	0.28	174.0
	761	1.00	0.24	240.0	762	1.18	0.07	56.7	763	0.97	0.16	166.0
	764	0.96	0.07	70.8	765	1.23	0.20	166.0	766	2.11	0.31	146.0
	767	2.32	0.43	186.0	768	1.97	0.34	174.0	769	1.00	0.24	240.0
	770	1.25	0.07	56.7	771	0.98	0.16	166.0	772	1.13	0.08	70.8
	773	1.18	0.20	166.0	774	1.66	0.24	146.0	775	2.26	0.42	186.0
	776	1.95	0.34	174.0	811	1.57	0.17	109.3	836	1.38	0.15	109.3
	837	2.82	0.27	95.2	838	3.41	0.32	95.2	839	1.26	0.14	109.3
	840	2.30	0.22	95.2	841	1.11	0.12	109.3	842	1.92	0.18	95.2
	875	1.46	0.35	240.0	876	1.28	0.08	61.4	877	1.33	0.17	126.8
	878	7.82	0.08	10.8	879	0.82	0.14	166.0	880	4.84	0.66	136.0
	881	1.84	0.36	196.0	882	1.73	0.30	174.0	883	1.48	0.35	240.0
	884	1.20	0.07	61.4	885	1.26	0.16	126.8	886	11.87	0.13	10.8
	887	1.22	0.20	166.0	888	8.25	1.12	136.0	889	2.39	0.47	196.0
	890	2.24	0.39	174.0	891	1.50	0.36	240.0	892	1.43	0.09	61.4
	893	1.78	0.23	126.8	894	10.44	0.11	10.8	895	1.24	0.21	166.0
	896	8.31	1.13	136.0	897	2.67	0.52	196.0	898	4.86	0.85	174.0
	899	1.48	0.36	240.0	900	1.57	0.10	61.4	901	1.66	0.21	126.8
	902	6.89	0.07	10.8	903	0.81	0.13	166.0	904	4.90	0.67	136.0
	905	2.17	0.43	196.0	906	4.64	0.81	174.0	941	1.75	0.18	104.6
	960	1.58	0.17	104.6	961	5.83	0.91	155.2	962	8.44	1.31	155.2
	963	1.58	0.17	104.6	964	8.53	1.32	155.2	965	1.48	0.15	104.6
	966	5.90	0.92	155.2	1004	1.52	0.75	496.0	1005	1.64	0.81	496.0
	1009	142.14	2.84	20.0	1010	149.85	3.00	20.0	1081	1.34	6.68e-03	5.0
	1082	0.93	4.66e-03	5.0	1084	2.62	0.75	285.0	1085	2.29	0.65	285.0
	1088	4.52	1.24	275.0	1089	4.59	1.26	275.0	1090	4.54	1.25	275.0
	1091	4.59	1.26	275.0	1092	4.39	1.21	275.0	1093	4.27	1.18	275.0
	1094	4.41	1.21	275.0	1095	4.28	1.18	275.0	1096	3.05	1.11	365.0
	1097	3.27	1.19	365.0	1098	3.06	1.12	365.0	1099	3.26	1.19	365.0
	1119	7.96	0.31	39.2	1120	11.70	0.46	39.2	1121	9.92	0.39	39.2
	1122	6.69	0.26	39.2	1123	2.64	0.74	280.0	1124	2.32	0.65	280.0
418	633	0.61	0.14	230.0	634	0.46	0.11	230.0	636	0.93	0.21	230.0
	637	0.75	0.17	230.0	639	1.18	0.27	230.0	640	1.01	0.23	230.0
	642	1.17	0.27	230.0	643	1.47	0.34	230.0	645	1.45	0.33	230.0
	646	1.48	0.34	230.0	648	1.50	0.81	537.0	650	0.98	0.52	537.0
	652	1.54	0.83	537.0	654	1.22	0.66	537.0	656	1.59	0.85	537.0
	658	1.29	0.69	537.0	660	1.72	0.92	537.0	662	1.48	0.80	537.0
	664	1.94	1.04	537.0	666	1.69	0.91	537.0	668	1.82	0.98	537.0
	670	1.78	0.95	537.0	695	6.88	2.04	296.0	696	8.21	2.43	296.0
	697	7.09	2.10	296.0	698	8.28	2.45	296.0	699	7.19	2.13	296.0
	700	8.07	2.39	296.0	701	7.14	2.11	296.0	702	7.95	2.35	296.0
	703	7.05	2.09	296.0	704	7.88	2.33	296.0	745	1.06	0.25	240.0
	746	0.79	0.04	56.7	747	1.10	0.18	166.0	748	0.68	0.05	70.8
	749	1.43	0.24	166.0	750	1.09	0.16	146.0	751	1.74	0.32	186.0
	752	1.50	0.26	174.0	753	1.09	0.26	240.0	754	0.61	0.03	56.7
	755	1.12	0.19	166.0	756	0.74	0.05	70.8	757	1.53	0.25	166.0
	758	1.52	0.22	146.0	759	2.38	0.44	186.0	760	2.11	0.37	174.0
	761	1.09	0.26	240.0	762	1.51	0.09	56.7	763	1.11	0.18	166.0

Firmato digitalmente da: Spagnoli Massimo
Firmato il 01/03/2024 18:24
Serial Certificato: 2e92e55
Valido dal 07/09/2023 al 07/09/2026
Qualified Electronic Signature

	764	1.35	0.10	70.8	765	1.52	0.25	166.0	766	1.47	0.22	146.0
	767	2.42	0.45	186.0	768	2.17	0.38	174.0	769	1.07	0.26	240.0
	770	1.43	0.08	56.7	771	1.11	0.18	166.0	772	1.38	0.10	70.8
	773	1.43	0.24	166.0	774	1.08	0.16	146.0	775	1.79	0.33	186.0
	776	1.59	0.28	174.0	811	1.95	0.21	109.3	836	1.72	0.19	109.3
	837	3.28	0.31	95.2	838	3.93	0.37	95.2	839	1.43	0.16	109.3
	840	2.66	0.25	95.2	841	1.30	0.14	109.3	842	2.27	0.22	95.2
	875	0.93	0.22	240.0	876	1.03	0.06	61.4	877	1.04	0.13	126.8
	878	6.86	0.07	10.8	879	1.65	0.27	166.0	880	4.83	0.66	136.0
	881	1.35	0.27	196.0	882	1.26	0.22	174.0	883	0.92	0.22	240.0
	884	1.01	0.06	61.4	885	1.03	0.13	126.8	886	10.71	0.12	10.8
	887	2.35	0.39	166.0	888	8.64	1.18	136.0	889	1.35	0.26	196.0
	890	1.26	0.22	174.0	891	0.94	0.23	240.0	892	0.78	0.05	61.4
	893	0.89	0.11	126.8	894	9.31	0.10	10.8	895	2.32	0.38	166.0
	896	8.67	1.18	136.0	897	1.95	0.38	196.0	898	1.34	0.23	174.0
	899	0.95	0.23	240.0	900	1.02	0.06	61.4	901	0.88	0.11	126.8
	902	5.93	0.06	10.8	903	1.57	0.26	166.0	904	4.85	0.66	136.0
	905	1.95	0.38	196.0	906	1.36	0.24	174.0	941	0.93	0.10	104.6
	960	0.87	0.09	104.6	961	4.67	0.73	155.2	962	7.51	1.17	155.2
	963	0.92	0.10	104.6	964	7.59	1.18	155.2	965	0.94	0.10	104.6
	966	4.72	0.73	155.2	1004	1.76	0.87	496.0	1005	1.94	0.96	496.0
	1009	17.88	0.36	20.0	1010	25.54	0.51	20.0	1081	1.27	6.35e-03	5.0
	1082	1.06	5.32e-03	5.0	1084	1.35	0.38	285.0	1085	1.27	0.36	285.0
	1088	2.00	0.55	275.0	1089	1.93	0.53	275.0	1090	1.95	0.54	275.0
	1091	1.94	0.53	275.0	1092	1.93	0.53	275.0	1093	1.53	0.42	275.0
	1094	1.91	0.52	275.0	1095	1.65	0.45	275.0	1096	1.76	0.64	365.0
	1097	1.55	0.57	365.0	1098	1.77	0.65	365.0	1099	1.57	0.57	365.0
	1119	3.42	0.13	39.2	1120	6.76	0.27	39.2	1121	8.60	0.34	39.2
	1122	4.55	0.18	39.2	1123	1.39	0.39	280.0	1124	1.32	0.37	280.0
419	633	3.14	0.72	230.0	634	3.07	0.71	230.0	636	2.91	0.67	230.0
	637	3.04	0.70	230.0	639	2.76	0.63	230.0	640	2.89	0.67	230.0
	642	2.56	0.59	230.0	643	2.72	0.63	230.0	645	2.42	0.56	230.0
	646	2.38	0.55	230.0	648	2.99	1.60	537.0	650	2.92	1.57	537.0
	652	2.97	1.59	537.0	654	3.11	1.67	537.0	656	3.03	1.63	537.0
	658	3.13	1.68	537.0	660	3.10	1.66	537.0	662	3.20	1.72	537.0
	664	3.28	1.76	537.0	666	3.36	1.81	537.0	668	3.30	1.77	537.0
	670	3.36	1.81	537.0	695	3.95	1.17	296.0	696	3.78	1.12	296.0
	697	3.86	1.14	296.0	698	3.51	1.04	296.0	699	3.75	1.11	296.0
	700	3.36	0.99	296.0	701	3.63	1.08	296.0	702	3.20	0.95	296.0
	703	3.32	0.98	296.0	704	3.00	0.89	296.0	745	2.09	0.50	240.0
	746	2.04	0.12	56.7	747	2.12	0.35	166.0	748	2.09	0.15	70.8
	749	2.18	0.36	166.0	750	1.99	0.29	146.0	751	3.08	0.57	186.0
	752	2.97	0.52	174.0	753	2.09	0.50	240.0	754	2.18	0.12	56.7
	755	2.12	0.35	166.0	756	2.15	0.15	70.8	757	2.18	0.36	166.0
	758	1.97	0.29	146.0	759	3.10	0.58	186.0	760	2.97	0.52	174.0
	761	2.12	0.51	240.0	762	2.29	0.13	56.7	763	2.16	0.36	166.0
	764	2.21	0.16	70.8	765	2.23	0.37	166.0	766	1.86	0.27	146.0
	767	4.48	0.83	186.0	768	2.80	0.49	174.0	769	2.11	0.51	240.0
	770	2.12	0.12	56.7	771	2.18	0.36	166.0	772	1.95	0.14	70.8
	773	2.23	0.37	166.0	774	1.86	0.27	146.0	775	4.48	0.83	186.0
	776	2.81	0.49	174.0	811	2.13	0.23	109.3	836	2.21	0.24	109.3
	837	2.46	0.23	95.2	838	2.37	0.23	95.2	839	2.17	0.24	109.3
	840	2.48	0.24	95.2	841	2.24	0.24	109.3	842	2.67	0.25	95.2
	875	2.17	0.52	240.0	876	2.11	0.13	61.4	877	2.17	0.27	126.8
	878	4.44	0.05	10.8	879	2.08	0.35	166.0	880	2.16	0.29	136.0
	881	3.11	0.61	196.0	882	3.02	0.53	174.0	883	2.17	0.52	240.0
	884	2.21	0.14	61.4	885	2.21	0.28	126.8	886	3.64	0.04	10.8
	887	2.16	0.36	166.0	888	1.71	0.23	136.0	889	2.81	0.55	196.0
	890	2.69	0.47	174.0	891	2.22	0.53	240.0	892	2.41	0.15	61.4
	893	2.28	0.29	126.8	894	3.50	0.04	10.8	895	2.05	0.34	166.0
	896	1.58	0.22	136.0	897	3.85	0.75	196.0	898	3.45	0.60	174.0
	899	2.21	0.53	240.0	900	2.15	0.13	61.4	901	2.34	0.30	126.8
	902	4.33	0.05	10.8	903	2.01	0.33	166.0	904	2.09	0.28	136.0
	905	4.08	0.80	196.0	906	3.73	0.65	174.0	941	2.20	0.23	104.6
	960	2.28	0.24	104.6	961	3.70	0.57	155.2	962	3.22	0.50	155.2
	963	2.29	0.24	104.6	964	3.29	0.51	155.2	965	2.24	0.23	104.6
	966	3.73	0.58	155.2	1004	2.42	1.20	496.0	1005	2.40	1.19	496.0
	1009	97.03	1.94	20.0	1010	85.23	1.70	20.0	1081	2.09	0.01	5.0

Firmato digitalmente da: Fiorini Massimo
Firmato il 01/10/2024 18:24
Serial Certificato: 2262565
Valido dal 01/09/2023 al 01/09/2026
Qualified Electronic Signature

	1082	2.49	0.01	5.0	1084	3.28	0.94	285.0	1085	3.59	1.02	285.0
	1088	5.34	1.47	275.0	1089	5.26	1.45	275.0	1090	5.34	1.47	275.0
	1091	5.28	1.45	275.0	1092	5.04	1.39	275.0	1093	5.14	1.41	275.0
	1094	5.01	1.38	275.0	1095	5.12	1.41	275.0	1096	4.10	1.50	365.0
	1097	3.84	1.40	365.0	1098	4.12	1.50	365.0	1099	3.89	1.42	365.0
	1119	4.44	0.17	39.2	1120	3.68	0.14	39.2	1121	3.44	0.14	39.2
	1122	4.32	0.17	39.2	1123	3.33	0.93	280.0	1124	3.62	1.01	280.0
420	633	2.88	0.66	230.0	634	2.80	0.64	230.0	636	2.77	0.64	230.0
	637	2.89	0.66	230.0	639	2.73	0.63	230.0	640	2.86	0.66	230.0
	642	2.59	0.60	230.0	643	2.74	0.63	230.0	645	2.61	0.60	230.0
	646	2.51	0.58	230.0	648	2.40	1.29	537.0	650	2.52	1.35	537.0
	652	2.49	1.34	537.0	654	2.59	1.39	537.0	656	2.54	1.36	537.0
	658	2.61	1.40	537.0	660	2.64	1.42	537.0	662	2.72	1.46	537.0
	664	2.86	1.54	537.0	666	2.94	1.58	537.0	668	2.90	1.56	537.0
	670	2.90	1.56	537.0	695	3.78	1.12	296.0	696	3.89	1.15	296.0
	697	3.70	1.09	296.0	698	3.66	1.08	296.0	699	3.54	1.05	296.0
	700	3.50	1.03	296.0	701	3.35	0.99	296.0	702	3.29	0.97	296.0
	703	3.03	0.90	296.0	704	3.17	0.94	296.0	745	2.02	0.49	240.0
	746	1.98	0.11	56.7	747	2.10	0.35	166.0	748	1.97	0.14	70.8
	749	2.19	0.36	166.0	750	1.83	0.27	146.0	751	3.21	0.60	186.0
	752	3.08	0.54	174.0	753	2.03	0.49	240.0	754	2.12	0.12	56.7
	755	2.09	0.35	166.0	756	2.06	0.15	70.8	757	2.17	0.36	166.0
	758	1.85	0.27	146.0	759	2.95	0.55	186.0	760	2.82	0.49	174.0
	761	2.05	0.49	240.0	762	2.26	0.13	56.7	763	2.14	0.35	166.0
	764	2.20	0.16	70.8	765	2.21	0.37	166.0	766	1.75	0.26	146.0
	767	4.24	0.79	186.0	768	5.07	0.88	174.0	769	2.04	0.49	240.0
	770	2.13	0.12	56.7	771	2.15	0.36	166.0	772	1.97	0.14	70.8
	773	2.23	0.37	166.0	774	1.71	0.25	146.0	775	4.44	0.83	186.0
	776	5.22	0.91	174.0	811	2.14	0.23	109.3	836	2.24	0.24	109.3
	837	2.59	0.25	95.2	838	2.44	0.23	95.2	839	2.15	0.24	109.3
	840	2.47	0.23	95.2	841	2.23	0.24	109.3	842	2.68	0.26	95.2
	875	2.11	0.51	240.0	876	2.10	0.13	61.4	877	2.15	0.27	126.8
	878	3.76	0.04	10.8	879	2.34	0.39	166.0	880	3.10	0.42	136.0
	881	2.96	0.58	196.0	882	2.87	0.50	174.0	883	2.12	0.51	240.0
	884	2.20	0.13	61.4	885	2.18	0.28	126.8	886	3.22	0.03	10.8
	887	2.31	0.38	166.0	888	2.47	0.34	136.0	889	2.78	0.55	196.0
	890	2.68	0.47	174.0	891	2.16	0.52	240.0	892	2.35	0.14	61.4
	893	2.19	0.28	126.8	894	3.13	0.03	10.8	895	2.18	0.36	166.0
	896	2.33	0.32	136.0	897	3.87	0.76	196.0	898	3.47	0.60	174.0
	899	2.15	0.52	240.0	900	2.09	0.13	61.4	901	2.22	0.28	126.8
	902	3.74	0.04	10.8	903	2.26	0.37	166.0	904	2.99	0.41	136.0
	905	4.00	0.78	196.0	906	3.64	0.63	174.0	941	2.11	0.22	104.6
	960	2.18	0.23	104.6	961	3.14	0.49	155.2	962	2.91	0.45	155.2
	963	2.23	0.23	104.6	964	2.96	0.46	155.2	965	2.17	0.23	104.6
	966	3.15	0.49	155.2	1004	2.41	1.20	496.0	1005	2.37	1.17	496.0
	1009	41.04	0.82	20.0	1010	40.03	0.80	20.0	1081	2.03	0.01	5.0
	1082	2.42	0.01	5.0	1084	2.79	0.79	285.0	1085	3.08	0.88	285.0
	1088	4.11	1.13	275.0	1089	4.04	1.11	275.0	1090	4.11	1.13	275.0
	1091	4.06	1.12	275.0	1092	3.88	1.07	275.0	1093	3.98	1.09	275.0
	1094	3.85	1.06	275.0	1095	3.97	1.09	275.0	1096	3.37	1.23	365.0
	1097	3.13	1.14	365.0	1098	3.38	1.23	365.0	1099	3.18	1.16	365.0
	1119	3.78	0.15	39.2	1120	3.25	0.13	39.2	1121	3.07	0.12	39.2
	1122	3.78	0.15	39.2	1123	2.82	0.79	280.0	1124	3.10	0.87	280.0
421	633	3.00	0.69	230.0	634	2.73	0.63	230.0	636	2.91	0.67	230.0
	637	2.76	0.64	230.0	639	2.85	0.66	230.0	640	2.72	0.63	230.0
	642	2.73	0.63	230.0	643	2.54	0.58	230.0	645	2.72	0.63	230.0
	646	2.31	0.53	230.0	648	2.93	1.58	537.0	650	3.10	1.66	537.0
	652	3.24	1.74	537.0	654	3.17	1.70	537.0	656	3.30	1.77	537.0
	658	3.28	1.76	537.0	660	3.41	1.83	537.0	662	3.41	1.83	537.0
	664	3.62	1.95	537.0	666	3.61	1.94	537.0	668	3.63	1.95	537.0
	670	3.63	1.95	537.0	695	3.39	1.00	296.0	696	3.68	1.09	296.0
	697	3.39	1.00	296.0	698	3.61	1.07	296.0	699	3.38	1.00	296.0
	700	3.60	1.06	296.0	701	3.31	0.98	296.0	702	3.57	1.06	296.0
	703	3.11	0.92	296.0	704	3.50	1.04	296.0	745	2.03	0.49	240.0
	746	2.12	0.12	56.7	747	2.06	0.34	166.0	748	2.11	0.15	70.8
	749	2.11	0.35	166.0	750	1.98	0.29	146.0	751	2.99	0.56	186.0
	752	2.85	0.50	174.0	753	2.03	0.49	240.0	754	1.98	0.11	56.7
	755	2.06	0.34	166.0	756	2.02	0.14	70.8	757	2.12	0.35	166.0

Firmato digitalmente da: Gregori Massimo
Firmato il 01/03/2024 18:24
Serial Certificato: 2e2255
valido dal 01/09/2023 al 01/09/2026
InfoCert Qualified Electronic Signature CA

	758	1.91	0.28	146.0	759	2.96	0.55	186.0	760	2.85	0.50	174.0
	761	2.07	0.50	240.0	762	1.99	0.11	56.7	763	2.07	0.34	166.0
	764	1.85	0.13	70.8	765	2.16	0.36	166.0	766	1.80	0.26	146.0
	767	4.24	0.79	186.0	768	5.07	0.88	174.0	769	2.08	0.50	240.0
	770	2.15	0.12	56.7	771	2.10	0.35	166.0	772	2.09	0.15	70.8
	773	2.15	0.36	166.0	774	1.89	0.28	146.0	775	4.24	0.79	186.0
	776	5.06	0.88	174.0	811	2.14	0.23	109.3	836	2.07	0.23	109.3
	837	2.31	0.22	95.2	838	2.34	0.22	95.2	839	2.27	0.25	109.3
	840	2.55	0.24	95.2	841	2.14	0.23	109.3	842	2.37	0.23	95.2
	875	2.20	0.53	240.0	876	2.23	0.14	61.4	877	2.23	0.28	126.8
	878	4.47	0.05	10.8	879	2.25	0.37	166.0	880	2.19	0.30	136.0
	881	2.89	0.57	196.0	882	2.76	0.48	174.0	883	2.20	0.53	240.0
	884	2.14	0.13	61.4	885	2.20	0.28	126.8	886	3.96	0.04	10.8
	887	2.23	0.37	166.0	888	1.69	0.23	136.0	889	3.17	0.62	196.0
	890	3.06	0.53	174.0	891	2.25	0.54	240.0	892	2.11	0.13	61.4
	893	2.30	0.29	126.8	894	3.99	0.04	10.8	895	2.16	0.36	166.0
	896	1.58	0.21	136.0	897	4.17	0.82	196.0	898	3.80	0.66	174.0
	899	2.25	0.54	240.0	900	2.35	0.14	61.4	901	2.29	0.29	126.8
	902	4.23	0.05	10.8	903	2.13	0.35	166.0	904	2.12	0.29	136.0
	905	3.95	0.77	196.0	906	3.54	0.62	174.0	941	2.30	0.24	104.6
	960	2.23	0.23	104.6	961	3.79	0.59	155.2	962	3.46	0.54	155.2
	963	2.30	0.24	104.6	964	3.48	0.54	155.2	965	2.33	0.24	104.6
	966	3.86	0.60	155.2	1004	2.30	1.14	496.0	1005	2.32	1.15	496.0
	1009	84.07	1.68	20.0	1010	90.67	1.81	20.0	1081	2.39	0.01	5.0
	1082	1.98	9.89e-03	5.0	1084	3.04	0.87	285.0	1085	2.74	0.78	285.0
	1088	4.00	1.10	275.0	1089	4.08	1.12	275.0	1090	4.02	1.11	275.0
	1091	4.08	1.12	275.0	1092	3.94	1.08	275.0	1093	3.85	1.06	275.0
	1094	3.93	1.08	275.0	1095	3.82	1.05	275.0	1096	3.07	1.12	365.0
	1097	3.33	1.22	365.0	1098	3.12	1.14	365.0	1099	3.35	1.22	365.0
	1119	4.47	0.18	39.2	1120	4.01	0.16	39.2	1121	4.05	0.16	39.2
	1122	4.12	0.16	39.2	1123	3.07	0.86	280.0	1124	2.77	0.78	280.0
422	633	3.22	0.74	230.0	634	2.95	0.68	230.0	636	3.02	0.70	230.0
	637	2.88	0.66	230.0	639	2.87	0.66	230.0	640	2.74	0.63	230.0
	642	2.72	0.63	230.0	643	2.54	0.58	230.0	645	2.58	0.59	230.0
	646	2.23	0.51	230.0	648	2.61	1.40	537.0	650	2.53	1.36	537.0
	652	2.60	1.40	537.0	654	2.48	1.33	537.0	656	2.64	1.42	537.0
	658	2.53	1.36	537.0	660	2.69	1.44	537.0	662	2.61	1.40	537.0
	664	2.90	1.56	537.0	666	2.79	1.50	537.0	668	2.86	1.53	537.0
	670	2.81	1.51	537.0	695	4.16	1.23	296.0	696	4.10	1.21	296.0
	697	3.91	1.16	296.0	698	3.77	1.12	296.0	699	3.63	1.07	296.0
	700	3.49	1.03	296.0	701	3.32	0.98	296.0	702	3.22	0.95	296.0
	703	2.94	0.87	296.0	704	2.92	0.86	296.0	745	2.10	0.50	240.0
	746	2.19	0.12	56.7	747	2.17	0.36	166.0	748	2.13	0.15	70.8
	749	2.25	0.37	166.0	750	1.90	0.28	146.0	751	3.11	0.58	186.0
	752	2.97	0.52	174.0	753	2.09	0.50	240.0	754	2.05	0.12	56.7
	755	2.17	0.36	166.0	756	2.04	0.14	70.8	757	2.26	0.37	166.0
	758	1.87	0.27	146.0	759	3.32	0.62	186.0	760	3.18	0.55	174.0
	761	2.13	0.51	240.0	762	2.13	0.12	56.7	763	2.18	0.36	166.0
	764	1.98	0.14	70.8	765	2.30	0.38	166.0	766	1.74	0.25	146.0
	767	4.66	0.87	186.0	768	3.04	0.53	174.0	769	2.15	0.51	240.0
	770	2.27	0.13	56.7	771	2.21	0.37	166.0	772	2.21	0.16	70.8
	773	2.30	0.38	166.0	774	1.78	0.26	146.0	775	4.50	0.84	186.0
	776	2.81	0.49	174.0	811	2.30	0.25	109.3	836	2.23	0.24	109.3
	837	2.60	0.25	95.2	838	2.62	0.25	95.2	839	2.40	0.26	109.3
	840	2.77	0.26	95.2	841	2.27	0.25	109.3	842	2.61	0.25	95.2
	875	2.08	0.50	240.0	876	2.17	0.13	61.4	877	2.15	0.27	126.8
	878	3.58	0.04	10.8	879	2.38	0.40	166.0	880	3.22	0.44	136.0
	881	2.71	0.53	196.0	882	2.61	0.45	174.0	883	2.08	0.50	240.0
	884	2.06	0.13	61.4	885	2.11	0.27	126.8	886	3.20	0.03	10.8
	887	2.26	0.37	166.0	888	2.46	0.33	136.0	889	2.91	0.57	196.0
	890	2.82	0.49	174.0	891	2.13	0.51	240.0	892	1.99	0.12	61.4
	893	2.15	0.27	126.8	894	3.34	0.04	10.8	895	2.21	0.37	166.0
	896	2.34	0.32	136.0	897	3.92	0.77	196.0	898	3.57	0.62	174.0
	899	2.14	0.51	240.0	900	2.24	0.14	61.4	901	2.13	0.27	126.8
	902	3.40	0.04	10.8	903	2.29	0.38	166.0	904	3.12	0.42	136.0
	905	3.77	0.74	196.0	906	3.38	0.59	174.0	941	2.15	0.22	104.6
	960	2.08	0.22	104.6	961	3.03	0.47	155.2	962	2.84	0.44	155.2
	963	2.19	0.23	104.6	964	2.88	0.45	155.2	965	2.21	0.23	104.6

Firmato digitalmente da: Cogliati Massimo
Firmato il 01/10/2024 18:24
Serial Certificato: 2e0285
Valido dal 01/09/2023 al
Actalis Qualified Electronic

	966	3.13	0.49	155.2	1004	2.48	1.23	496.0	1005	2.51	1.24	496.0
	1009	52.81	1.06	20.0	1010	48.48	0.97	20.0	1081	2.54	0.01	5.0
	1082	2.14	0.01	5.0	1084	3.62	1.03	285.0	1085	3.34	0.95	285.0
	1088	5.30	1.46	275.0	1089	5.38	1.48	275.0	1090	5.32	1.46	275.0
	1091	5.37	1.48	275.0	1092	5.17	1.42	275.0	1093	5.08	1.40	275.0
	1094	5.16	1.42	275.0	1095	5.05	1.39	275.0	1096	3.90	1.42	365.0
	1097	4.14	1.51	365.0	1098	3.95	1.44	365.0	1099	4.16	1.52	365.0
	1119	3.57	0.14	39.2	1120	3.25	0.13	39.2	1121	3.43	0.13	39.2
	1122	3.30	0.13	39.2	1123	3.66	1.02	280.0	1124	3.38	0.95	280.0
423	633	2.90	0.67	230.0	634	2.82	0.65	230.0	636	2.79	0.64	230.0
	637	2.91	0.67	230.0	639	2.74	0.63	230.0	640	2.88	0.66	230.0
	642	2.57	0.59	230.0	643	2.82	0.65	230.0	645	2.57	0.59	230.0
	646	2.53	0.58	230.0	648	2.96	1.59	537.0	650	2.89	1.55	537.0
	652	3.05	1.64	537.0	654	3.12	1.68	537.0	656	3.13	1.68	537.0
	658	3.16	1.70	537.0	660	3.24	1.74	537.0	662	3.27	1.75	537.0
	664	3.45	1.85	537.0	666	3.46	1.86	537.0	668	3.48	1.87	537.0
	670	3.47	1.86	537.0	695	3.53	1.04	296.0	696	3.50	1.04	296.0
	697	3.59	1.06	296.0	698	3.39	1.00	296.0	699	3.58	1.06	296.0
	700	3.37	1.00	296.0	701	3.60	1.07	296.0	702	3.32	0.98	296.0
	703	3.33	0.99	296.0	704	3.24	0.96	296.0	745	2.02	0.49	240.0
	746	1.97	0.11	56.7	747	2.05	0.34	166.0	748	2.01	0.14	70.8
	749	2.11	0.35	166.0	750	1.90	0.28	146.0	751	2.95	0.55	186.0
	752	2.84	0.50	174.0	753	2.02	0.49	240.0	754	2.12	0.12	56.7
	755	2.05	0.34	166.0	756	2.11	0.15	70.8	757	2.10	0.35	166.0
	758	1.97	0.29	146.0	759	2.98	0.55	186.0	760	2.84	0.49	174.0
	761	2.05	0.49	240.0	762	2.22	0.13	56.7	763	2.09	0.35	166.0
	764	2.15	0.15	70.8	765	2.14	0.36	166.0	766	1.88	0.27	146.0
	767	4.23	0.79	186.0	768	3.82	0.67	174.0	769	2.04	0.49	240.0
	770	2.05	0.12	56.7	771	2.10	0.35	166.0	772	1.90	0.13	70.8
	773	2.15	0.36	166.0	774	1.79	0.26	146.0	775	4.23	0.79	186.0
	776	3.84	0.67	174.0	811	2.06	0.22	109.3	836	2.13	0.23	109.3
	837	2.33	0.22	95.2	838	2.31	0.22	95.2	839	2.09	0.23	109.3
	840	2.36	0.22	95.2	841	2.16	0.24	109.3	842	2.54	0.24	95.2
	875	2.21	0.53	240.0	876	2.14	0.13	61.4	877	2.20	0.28	126.8
	878	3.91	0.04	10.8	879	2.17	0.36	166.0	880	1.63	0.22	136.0
	881	3.16	0.62	196.0	882	3.07	0.53	174.0	883	2.21	0.53	240.0
	884	2.24	0.14	61.4	885	2.24	0.28	126.8	886	4.41	0.05	10.8
	887	2.19	0.36	166.0	888	2.11	0.29	136.0	889	2.89	0.57	196.0
	890	2.77	0.48	174.0	891	2.25	0.54	240.0	892	2.45	0.15	61.4
	893	2.32	0.29	126.8	894	4.15	0.04	10.8	895	2.05	0.34	166.0
	896	2.02	0.28	136.0	897	3.96	0.78	196.0	898	2.85	0.50	174.0
	899	2.24	0.54	240.0	900	2.18	0.13	61.4	901	2.35	0.30	126.8
	902	3.94	0.04	10.8	903	2.08	0.35	166.0	904	1.50	0.20	136.0
	905	4.17	0.82	196.0	906	3.15	0.55	174.0	941	2.24	0.23	104.6
	960	2.30	0.24	104.6	961	3.41	0.53	155.2	962	3.74	0.58	155.2
	963	2.32	0.24	104.6	964	3.79	0.59	155.2	965	2.27	0.24	104.6
	966	3.42	0.53	155.2	1004	2.31	1.15	496.0	1005	2.29	1.14	496.0
	1009	88.69	1.77	20.0	1010	82.50	1.65	20.0	1081	1.97	9.85e-03	5.0
	1082	2.38	0.01	5.0	1084	2.72	0.78	285.0	1085	3.03	0.86	285.0
	1088	4.04	1.11	275.0	1089	3.95	1.09	275.0	1090	4.03	1.11	275.0
	1091	3.97	1.09	275.0	1092	3.81	1.05	275.0	1093	3.90	1.07	275.0
	1094	3.78	1.04	275.0	1095	3.89	1.07	275.0	1096	3.30	1.21	365.0
	1097	3.04	1.11	365.0	1098	3.32	1.21	365.0	1099	3.09	1.13	365.0
	1119	3.96	0.16	39.2	1120	4.40	0.17	39.2	1121	4.04	0.16	39.2
	1122	4.00	0.16	39.2	1123	2.76	0.77	280.0	1124	3.05	0.85	280.0
424	633	3.11	0.72	230.0	634	3.05	0.70	230.0	636	2.89	0.67	230.0
	637	3.02	0.69	230.0	639	2.74	0.63	230.0	640	2.88	0.66	230.0
	642	2.58	0.59	230.0	643	2.64	0.61	230.0	645	2.47	0.57	230.0
	646	2.36	0.54	230.0	648	2.44	1.31	537.0	650	2.53	1.36	537.0
	652	2.41	1.29	537.0	654	2.54	1.36	537.0	656	2.44	1.31	537.0
	658	2.55	1.37	537.0	660	2.50	1.34	537.0	662	2.60	1.40	537.0
	664	2.68	1.44	537.0	666	2.79	1.50	537.0	668	2.71	1.46	537.0
	670	2.75	1.48	537.0	695	3.97	1.18	296.0	696	4.26	1.26	296.0
	697	3.76	1.11	296.0	698	3.91	1.16	296.0	699	3.49	1.03	296.0
	700	3.62	1.07	296.0	701	3.15	0.93	296.0	702	3.34	0.99	296.0
	703	2.75	0.82	296.0	704	3.09	0.91	296.0	745	2.09	0.50	240.0
	746	2.05	0.12	56.7	747	2.17	0.36	166.0	748	2.04	0.14	70.8
	749	2.25	0.37	166.0	750	1.87	0.27	146.0	751	3.31	0.62	186.0

Firmato digitalmente da:
Filippi Massimo
Firmato il
26/03/2024 18:24
Seriale Certificato:
2992f65
Valido dal 07/09/2023 al
Qualified Electronic

	752	3.18	0.55	174.0	753	2.10	0.50	240.0	754	2.19	0.12	56.7
	755	2.16	0.36	166.0	756	2.12	0.15	70.8	757	2.25	0.37	166.0
	758	1.89	0.28	146.0	759	3.11	0.58	186.0	760	2.97	0.52	174.0
	761	2.13	0.51	240.0	762	2.34	0.13	56.7	763	2.21	0.37	166.0
	764	2.26	0.16	70.8	765	2.29	0.38	166.0	766	1.78	0.26	146.0
	767	4.50	0.84	186.0	768	4.04	0.70	174.0	769	2.11	0.51	240.0
	770	2.20	0.12	56.7	771	2.22	0.37	166.0	772	2.02	0.14	70.8
	773	2.30	0.38	166.0	774	1.73	0.25	146.0	775	4.66	0.87	186.0
	776	4.21	0.73	174.0	811	2.23	0.24	109.3	836	2.30	0.25	109.3
	837	2.62	0.25	95.2	838	2.59	0.25	95.2	839	2.24	0.24	109.3
	840	2.61	0.25	95.2	841	2.30	0.25	109.3	842	2.78	0.26	95.2
	875	2.08	0.50	240.0	876	2.06	0.13	61.4	877	2.11	0.27	126.8
	878	3.14	0.03	10.8	879	2.21	0.37	166.0	880	2.40	0.33	136.0
	881	2.90	0.57	196.0	882	2.82	0.49	174.0	883	2.08	0.50	240.0
	884	2.17	0.13	61.4	885	2.15	0.27	126.8	886	3.49	0.04	10.8
	887	2.33	0.39	166.0	888	3.14	0.43	136.0	889	2.70	0.53	196.0
	890	2.60	0.45	174.0	891	2.12	0.51	240.0	892	2.32	0.14	61.4
	893	2.15	0.27	126.8	894	3.29	0.04	10.8	895	2.23	0.37	166.0
	896	3.03	0.41	136.0	897	3.76	0.74	196.0	898	4.09	0.71	174.0
	899	2.12	0.51	240.0	900	2.05	0.13	61.4	901	2.20	0.28	126.8
	902	3.26	0.04	10.8	903	2.14	0.36	166.0	904	2.28	0.31	136.0
	905	3.91	0.77	196.0	906	4.25	0.74	174.0	941	2.07	0.22	104.6
	960	2.15	0.22	104.6	961	2.78	0.43	155.2	962	2.96	0.46	155.2
	963	2.19	0.23	104.6	964	3.04	0.47	155.2	965	2.14	0.22	104.6
	966	2.80	0.43	155.2	1004	2.51	1.24	496.0	1005	2.48	1.23	496.0
	1009	45.66	0.91	20.0	1010	49.94	1.00	20.0	1081	2.14	0.01	5.0
	1082	2.53	0.01	5.0	1084	3.34	0.95	285.0	1085	3.63	1.03	285.0
	1088	5.41	1.49	275.0	1089	5.33	1.47	275.0	1090	5.41	1.49	275.0
	1091	5.35	1.47	275.0	1092	5.11	1.41	275.0	1093	5.20	1.43	275.0
	1094	5.08	1.40	275.0	1095	5.19	1.43	275.0	1096	4.16	1.52	365.0
	1097	3.91	1.43	365.0	1098	4.18	1.52	365.0	1099	3.97	1.45	365.0
	1119	3.18	0.12	39.2	1120	3.47	0.14	39.2	1121	3.19	0.13	39.2
	1122	3.35	0.13	39.2	1123	3.38	0.95	280.0	1124	3.66	1.03	280.0
425	633	3.23	0.74	230.0	634	2.98	0.69	230.0	636	3.03	0.70	230.0
	637	2.89	0.67	230.0	639	2.86	0.66	230.0	640	2.74	0.63	230.0
	642	2.72	0.63	230.0	643	2.44	0.56	230.0	645	2.58	0.59	230.0
	646	2.16	0.50	230.0	648	3.01	1.62	537.0	650	3.07	1.65	537.0
	652	3.23	1.73	537.0	654	3.08	1.65	537.0	656	3.28	1.76	537.0
	658	3.17	1.70	537.0	660	3.34	1.79	537.0	662	3.26	1.75	537.0
	664	3.53	1.89	537.0	666	3.44	1.85	537.0	668	3.52	1.89	537.0
	670	3.45	1.85	537.0	695	3.64	1.08	296.0	696	4.06	1.20	296.0
	697	3.48	1.03	296.0	698	3.85	1.14	296.0	699	3.32	0.98	296.0
	700	3.72	1.10	296.0	701	3.10	0.92	296.0	702	3.62	1.07	296.0
	703	2.82	0.83	296.0	704	3.43	1.02	296.0	745	2.10	0.50	240.0
	746	2.19	0.12	56.7	747	2.13	0.35	166.0	748	2.16	0.15	70.8
	749	2.19	0.36	166.0	750	1.98	0.29	146.0	751	3.11	0.58	186.0
	752	2.97	0.52	174.0	753	2.10	0.50	240.0	754	2.05	0.12	56.7
	755	2.13	0.35	166.0	756	2.10	0.15	70.8	757	2.19	0.36	166.0
	758	1.99	0.29	146.0	759	3.09	0.57	186.0	760	2.98	0.52	174.0
	761	2.14	0.51	240.0	762	2.06	0.12	56.7	763	2.14	0.36	166.0
	764	1.91	0.13	70.8	765	2.24	0.37	166.0	766	1.86	0.27	146.0
	767	4.49	0.84	186.0	768	4.04	0.70	174.0	769	2.15	0.52	240.0
	770	2.22	0.13	56.7	771	2.17	0.36	166.0	772	2.15	0.15	70.8
	773	2.23	0.37	166.0	774	1.87	0.27	146.0	775	4.49	0.83	186.0
	776	4.03	0.70	174.0	811	2.22	0.24	109.3	836	2.14	0.23	109.3
	837	2.38	0.23	95.2	838	2.46	0.23	95.2	839	2.35	0.26	109.3
	840	2.68	0.25	95.2	841	2.22	0.24	109.3	842	2.49	0.24	95.2
	875	2.16	0.52	240.0	876	2.20	0.14	61.4	877	2.20	0.28	126.8
	878	3.66	0.04	10.8	879	2.22	0.37	166.0	880	1.76	0.24	136.0
	881	2.81	0.55	196.0	882	2.68	0.47	174.0	883	2.17	0.52	240.0
	884	2.10	0.13	61.4	885	2.16	0.27	126.8	886	4.42	0.05	10.8
	887	2.14	0.36	166.0	888	2.16	0.29	136.0	889	3.12	0.61	196.0
	890	3.02	0.53	174.0	891	2.22	0.53	240.0	892	2.07	0.13	61.4
	893	2.28	0.29	126.8	894	4.33	0.05	10.8	895	2.10	0.35	166.0
	896	2.10	0.29	136.0	897	4.09	0.80	196.0	898	4.39	0.76	174.0
	899	2.22	0.53	240.0	900	2.32	0.14	61.4	901	2.25	0.29	126.8
	902	3.54	0.04	10.8	903	2.13	0.35	166.0	904	1.65	0.22	136.0
	905	3.84	0.75	196.0	906	4.15	0.72	174.0	941	2.27	0.24	104.6

Firmato digitalmente da: Gregori Massimo
Firmato il 07/03/2024 18:24
Serial Certificato: 2e92f35
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature CA

	960	2.19	0.23	104.6	961	3.25	0.50	155.2	962	3.71	0.58	155.2
	963	2.27	0.24	104.6	964	3.75	0.58	155.2	965	2.29	0.24	104.6
	966	3.34	0.52	155.2	1004	2.40	1.19	496.0	1005	2.43	1.20	496.0
	1009	85.95	1.72	20.0	1010	97.88	1.96	20.0	1081	2.50	0.01	5.0
	1082	2.09	0.01	5.0	1084	3.60	1.03	285.0	1085	3.30	0.94	285.0
	1088	5.30	1.46	275.0	1089	5.39	1.48	275.0	1090	5.32	1.46	275.0
	1091	5.38	1.48	275.0	1092	5.18	1.42	275.0	1093	5.09	1.40	275.0
	1094	5.16	1.42	275.0	1095	5.05	1.39	275.0	1096	3.87	1.41	365.0
	1097	4.13	1.51	365.0	1098	3.92	1.43	365.0	1099	4.15	1.51	365.0
	1119	3.70	0.14	39.2	1120	4.41	0.17	39.2	1121	4.32	0.17	39.2
	1122	3.48	0.14	39.2	1123	3.64	1.02	280.0	1124	3.34	0.94	280.0
426	633	2.98	0.69	230.0	634	2.71	0.62	230.0	636	2.90	0.67	230.0
	637	2.75	0.63	230.0	639	2.85	0.66	230.0	640	2.72	0.63	230.0
	642	2.72	0.63	230.0	643	2.63	0.61	230.0	645	2.72	0.63	230.0
	646	2.38	0.55	230.0	648	2.54	1.36	537.0	650	2.55	1.37	537.0
	652	2.65	1.42	537.0	654	2.56	1.38	537.0	656	2.70	1.45	537.0
	658	2.64	1.42	537.0	660	2.79	1.50	537.0	662	2.77	1.49	537.0
	664	3.03	1.63	537.0	666	2.97	1.60	537.0	668	3.00	1.61	537.0
	670	3.00	1.61	537.0	695	3.74	1.11	296.0	696	3.86	1.14	296.0
	697	3.62	1.07	296.0	698	3.67	1.09	296.0	699	3.46	1.02	296.0
	700	3.50	1.04	296.0	701	3.30	0.98	296.0	702	3.32	0.98	296.0
	703	2.97	0.88	296.0	704	3.15	0.93	296.0	745	2.03	0.49	240.0
	746	2.13	0.12	56.7	747	2.10	0.35	166.0	748	2.07	0.15	70.8
	749	2.17	0.36	166.0	750	1.85	0.27	146.0	751	2.95	0.55	186.0
	752	2.82	0.49	174.0	753	2.02	0.49	240.0	754	1.98	0.11	56.7
	755	2.10	0.35	166.0	756	1.97	0.14	70.8	757	2.19	0.36	166.0
	758	1.83	0.27	146.0	759	3.21	0.60	186.0	760	3.08	0.54	174.0
	761	2.06	0.49	240.0	762	2.07	0.12	56.7	763	2.11	0.35	166.0
	764	1.93	0.14	70.8	765	2.23	0.37	166.0	766	1.71	0.25	146.0
	767	4.44	0.83	186.0	768	4.03	0.70	174.0	769	2.07	0.50	240.0
	770	2.19	0.12	56.7	771	2.14	0.35	166.0	772	2.15	0.15	70.8
	773	2.21	0.37	166.0	774	1.76	0.26	146.0	775	4.24	0.79	186.0
	776	3.83	0.67	174.0	811	2.24	0.24	109.3	836	2.14	0.23	109.3
	837	2.45	0.23	95.2	838	2.59	0.25	95.2	839	2.32	0.25	109.3
	840	2.68	0.26	95.2	841	2.19	0.24	109.3	842	2.47	0.24	95.2
	875	2.12	0.51	240.0	876	2.20	0.14	61.4	877	2.19	0.28	126.8
	878	3.28	0.04	10.8	879	2.36	0.39	166.0	880	2.49	0.34	136.0
	881	2.79	0.55	196.0	882	2.68	0.47	174.0	883	2.12	0.51	240.0
	884	2.10	0.13	61.4	885	2.15	0.27	126.8	886	3.79	0.04	10.8
	887	2.38	0.40	166.0	888	3.09	0.42	136.0	889	2.97	0.58	196.0
	890	2.88	0.50	174.0	891	2.17	0.52	240.0	892	2.02	0.12	61.4
	893	2.18	0.28	126.8	894	3.79	0.04	10.8	895	2.31	0.38	166.0
	896	2.98	0.41	136.0	897	4.02	0.79	196.0	898	2.97	0.52	174.0
	899	2.17	0.52	240.0	900	2.27	0.14	61.4	901	2.17	0.28	126.8
	902	3.21	0.03	10.8	903	2.24	0.37	166.0	904	2.36	0.32	136.0
	905	3.88	0.76	196.0	906	2.76	0.48	174.0	941	2.18	0.23	104.6
	960	2.12	0.22	104.6	961	2.96	0.46	155.2	962	3.19	0.49	155.2
	963	2.22	0.23	104.6	964	3.21	0.50	155.2	965	2.24	0.23	104.6
	966	3.04	0.47	155.2	1004	2.37	1.17	496.0	1005	2.42	1.20	496.0
	1009	41.78	0.84	20.0	1010	42.47	0.85	20.0	1081	2.42	0.01	5.0
	1082	2.03	0.01	5.0	1084	3.07	0.88	285.0	1085	2.78	0.79	285.0
	1088	4.01	1.10	275.0	1089	4.08	1.12	275.0	1090	4.03	1.11	275.0
	1091	4.07	1.12	275.0	1092	3.95	1.09	275.0	1093	3.85	1.06	275.0
	1094	3.94	1.08	275.0	1095	3.82	1.05	275.0	1096	3.12	1.14	365.0
	1097	3.35	1.22	365.0	1098	3.17	1.16	365.0	1099	3.36	1.23	365.0
	1119	3.30	0.13	39.2	1120	3.80	0.15	39.2	1121	3.83	0.15	39.2
	1122	3.16	0.12	39.2	1123	3.10	0.87	280.0	1124	2.81	0.79	280.0
427	633	2.68	0.62	230.0	634	2.62	0.60	230.0	636	2.70	0.62	230.0
	637	2.82	0.65	230.0	639	2.77	0.64	230.0	640	2.91	0.67	230.0
	642	2.78	0.64	230.0	643	2.93	0.67	230.0	645	2.74	0.63	230.0
	646	2.71	0.62	230.0	648	2.93	1.58	537.0	650	2.89	1.55	537.0
	652	2.90	1.56	537.0	654	3.09	1.66	537.0	656	2.95	1.59	537.0
	658	3.21	1.72	537.0	660	3.17	1.70	537.0	662	3.43	1.84	537.0
	664	3.58	1.92	537.0	666	3.84	2.06	537.0	668	3.60	1.93	537.0
	670	3.84	2.06	537.0	695	3.29	0.97	296.0	696	3.37	1.00	296.0
	697	3.46	1.02	296.0	698	3.40	1.01	296.0	699	3.59	1.06	296.0
	700	3.51	1.04	296.0	701	3.69	1.09	296.0	702	3.57	1.06	296.0
	703	3.55	1.05	296.0	704	3.55	1.05	296.0	745	1.92	0.46	240.0

Firmato digitalmente da: Fiocchi Massimo
Firmato il 01/10/2024 18:24
Serial Certificato: 2702255
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature

	746	1.89	0.11	56.7	747	1.97	0.33	166.0	748	1.95	0.14	70.8
	749	2.01	0.33	166.0	750	1.91	0.28	146.0	751	2.69	0.50	186.0
	752	2.60	0.45	174.0	753	1.93	0.46	240.0	754	2.03	0.12	56.7
	755	1.97	0.33	166.0	756	2.02	0.14	70.8	757	2.01	0.33	166.0
	758	1.90	0.28	146.0	759	2.70	0.50	186.0	760	2.60	0.45	174.0
	761	1.95	0.47	240.0	762	2.12	0.12	56.7	763	2.00	0.33	166.0
	764	2.08	0.15	70.8	765	2.04	0.34	166.0	766	1.82	0.27	146.0
	767	3.74	0.70	186.0	768	2.18	0.38	174.0	769	1.94	0.47	240.0
	770	1.96	0.11	56.7	771	2.01	0.33	166.0	772	1.82	0.13	70.8
	773	2.05	0.34	166.0	774	1.81	0.26	146.0	775	3.75	0.70	186.0
	776	2.19	0.38	174.0	811	1.96	0.21	109.3	836	2.04	0.22	109.3
	837	2.23	0.21	95.2	838	2.14	0.20	95.2	839	1.98	0.22	109.3
	840	2.19	0.21	95.2	841	2.06	0.23	109.3	842	2.39	0.23	95.2
	875	2.20	0.53	240.0	876	2.14	0.13	61.4	877	2.19	0.28	126.8
	878	4.70	0.05	10.8	879	2.16	0.36	166.0	880	2.07	0.28	136.0
	881	3.45	0.68	196.0	882	3.29	0.57	174.0	883	2.20	0.53	240.0
	884	2.24	0.14	61.4	885	2.24	0.28	126.8	886	3.85	0.04	10.8
	887	2.24	0.37	166.0	888	1.64	0.22	136.0	889	3.04	0.60	196.0
	890	2.90	0.50	174.0	891	2.24	0.54	240.0	892	2.44	0.15	61.4
	893	2.30	0.29	126.8	894	3.65	0.04	10.8	895	2.09	0.35	166.0
	896	1.52	0.21	136.0	897	4.39	0.86	196.0	898	3.91	0.68	174.0
	899	2.23	0.54	240.0	900	2.17	0.13	61.4	901	2.35	0.30	126.8
	902	4.54	0.05	10.8	903	2.05	0.34	166.0	904	2.00	0.27	136.0
	905	4.70	0.92	196.0	906	4.22	0.73	174.0	941	2.20	0.23	104.6
	960	2.36	0.25	104.6	961	3.74	0.58	155.2	962	3.55	0.55	155.2
	963	2.27	0.24	104.6	964	3.56	0.55	155.2	965	2.32	0.24	104.6
	966	3.71	0.58	155.2	1004	2.25	1.12	496.0	1005	2.23	1.10	496.0
	1009	83.40	1.67	20.0	1010	86.33	1.73	20.0	1081	1.91	9.56e-03	5.0
	1082	2.32	0.01	5.0	1084	2.99	0.85	285.0	1085	3.30	0.94	285.0
	1088	4.74	1.30	275.0	1089	4.66	1.28	275.0	1090	4.75	1.31	275.0
	1091	4.69	1.29	275.0	1092	4.46	1.23	275.0	1093	4.55	1.25	275.0
	1094	4.50	1.24	275.0	1095	4.61	1.27	275.0	1096	3.72	1.36	365.0
	1097	3.46	1.26	365.0	1098	3.69	1.35	365.0	1099	3.46	1.26	365.0
	1119	4.71	0.18	39.2	1120	3.89	0.15	39.2	1121	3.60	0.14	39.2
	1122	4.54	0.18	39.2	1123	2.98	0.83	280.0	1124	3.27	0.92	280.0
428	633	2.41	0.55	230.0	634	2.36	0.54	230.0	636	2.55	0.59	230.0
	637	2.67	0.61	230.0	639	2.74	0.63	230.0	640	2.88	0.66	230.0
	642	2.80	0.64	230.0	643	2.95	0.68	230.0	645	2.92	0.67	230.0
	646	2.83	0.65	230.0	648	2.32	1.25	537.0	650	2.44	1.31	537.0
	652	2.40	1.29	537.0	654	2.52	1.35	537.0	656	2.51	1.35	537.0
	658	2.65	1.42	537.0	660	2.79	1.50	537.0	662	2.95	1.58	537.0
	664	3.27	1.76	537.0	666	3.43	1.84	537.0	668	3.31	1.78	537.0
	670	3.40	1.83	537.0	695	3.53	1.04	296.0	696	3.19	0.95	296.0
	697	3.64	1.08	296.0	698	3.23	0.96	296.0	699	3.69	1.09	296.0
	700	3.32	0.98	296.0	701	3.70	1.10	296.0	702	3.36	0.99	296.0
	703	3.57	1.06	296.0	704	3.44	1.02	296.0	745	1.86	0.45	240.0
	746	1.83	0.10	56.7	747	1.95	0.32	166.0	748	1.83	0.13	70.8
	749	2.02	0.34	166.0	750	1.75	0.26	146.0	751	2.81	0.52	186.0
	752	2.70	0.47	174.0	753	1.86	0.45	240.0	754	1.97	0.11	56.7
	755	1.95	0.32	166.0	756	1.93	0.14	70.8	757	2.00	0.33	166.0
	758	1.77	0.26	146.0	759	2.58	0.48	186.0	760	2.47	0.43	174.0
	761	1.88	0.45	240.0	762	2.10	0.12	56.7	763	1.98	0.33	166.0
	764	2.07	0.15	70.8	765	2.04	0.34	166.0	766	1.71	0.25	146.0
	767	3.52	0.66	186.0	768	4.46	0.78	174.0	769	1.88	0.45	240.0
	770	1.97	0.11	56.7	771	1.99	0.33	166.0	772	1.84	0.13	70.8
	773	2.05	0.34	166.0	774	1.67	0.24	146.0	775	3.71	0.69	186.0
	776	4.60	0.80	174.0	811	1.98	0.22	109.3	836	2.08	0.23	109.3
	837	2.38	0.23	95.2	838	2.23	0.21	95.2	839	1.97	0.22	109.3
	840	2.20	0.21	95.2	841	2.05	0.22	109.3	842	2.42	0.23	95.2
	875	2.15	0.52	240.0	876	2.13	0.13	61.4	877	2.18	0.28	126.8
	878	4.00	0.04	10.8	879	2.40	0.40	166.0	880	3.10	0.42	136.0
	881	3.27	0.64	196.0	882	3.14	0.55	174.0	883	2.15	0.52	240.0
	884	2.23	0.14	61.4	885	2.22	0.28	126.8	886	3.55	0.04	10.8
	887	2.39	0.40	166.0	888	2.39	0.32	136.0	889	3.04	0.60	196.0
	890	2.91	0.51	174.0	891	2.18	0.52	240.0	892	2.37	0.15	61.4
	893	2.21	0.28	126.8	894	3.37	0.04	10.8	895	2.22	0.37	166.0
	896	2.25	0.31	136.0	897	4.44	0.87	196.0	898	3.95	0.69	174.0
	899	2.17	0.52	240.0	900	2.11	0.13	61.4	901	2.23	0.28	126.8

Firmato digitalmente da:
Arcigli Massimo
Emesso il
17/03/2024 18:24
Serial Certificato:
2a2235
Valido dal
07/09/2023 al
Qualified Electronic

	902	3.93	0.04	10.8	903	2.28	0.38	166.0	904	2.99	0.41	136.0
	905	4.61	0.90	196.0	906	4.14	0.72	174.0	941	2.13	0.22	104.6
	960	2.25	0.24	104.6	961	3.49	0.54	155.2	962	3.13	0.49	155.2
	963	2.22	0.23	104.6	964	3.12	0.48	155.2	965	2.24	0.23	104.6
	966	3.43	0.53	155.2	1004	2.25	1.12	496.0	1005	2.20	1.09	496.0
	1009	39.48	0.79	20.0	1010	22.88	0.46	20.0	1081	1.86	9.28e-03	5.0
	1082	2.25	0.01	5.0	1084	2.50	0.71	285.0	1085	2.80	0.80	285.0
	1088	3.52	0.97	275.0	1089	3.45	0.95	275.0	1090	3.53	0.97	275.0
	1091	3.49	0.96	275.0	1092	3.30	0.91	275.0	1093	3.40	0.94	275.0
	1094	3.35	0.92	275.0	1095	3.47	0.95	275.0	1096	3.00	1.09	365.0
	1097	2.77	1.01	365.0	1098	2.96	1.08	365.0	1099	2.77	1.01	365.0
	1119	4.03	0.16	39.2	1120	3.58	0.14	39.2	1121	3.33	0.13	39.2
	1122	3.98	0.16	39.2	1123	2.48	0.69	280.0	1124	2.77	0.77	280.0
429	633	2.52	0.58	230.0	634	2.30	0.53	230.0	636	2.68	0.62	230.0
	637	2.55	0.59	230.0	639	2.86	0.66	230.0	640	2.73	0.63	230.0
	642	2.94	0.68	230.0	643	2.75	0.63	230.0	645	3.04	0.70	230.0
	646	2.64	0.61	230.0	648	2.84	1.52	537.0	650	2.97	1.60	537.0
	652	3.15	1.69	537.0	654	3.03	1.63	537.0	656	3.40	1.82	537.0
	658	3.21	1.72	537.0	660	3.63	1.95	537.0	662	3.48	1.87	537.0
	664	4.08	2.19	537.0	666	3.88	2.08	537.0	668	4.09	2.20	537.0
	670	3.90	2.10	537.0	695	3.06	0.91	296.0	696	2.99	0.88	296.0
	697	3.30	0.98	296.0	698	3.20	0.95	296.0	699	3.53	1.05	296.0
	700	3.43	1.01	296.0	701	3.67	1.09	296.0	702	3.62	1.07	296.0
	703	3.64	1.08	296.0	704	3.73	1.11	296.0	745	1.87	0.45	240.0
	746	1.97	0.11	56.7	747	1.91	0.32	166.0	748	1.98	0.14	70.8
	749	1.94	0.32	166.0	750	1.91	0.28	146.0	751	2.58	0.48	186.0
	752	2.48	0.43	174.0	753	1.86	0.45	240.0	754	1.83	0.10	56.7
	755	1.91	0.32	166.0	756	1.88	0.13	70.8	757	1.94	0.32	166.0
	758	1.83	0.27	146.0	759	2.56	0.48	186.0	760	2.48	0.43	174.0
	761	1.90	0.46	240.0	762	1.82	0.10	56.7	763	1.92	0.32	166.0
	764	1.72	0.12	70.8	765	1.98	0.33	166.0	766	1.75	0.26	146.0
	767	3.51	0.65	186.0	768	4.45	0.77	174.0	769	1.91	0.46	240.0
	770	1.98	0.11	56.7	771	1.93	0.32	166.0	772	1.96	0.14	70.8
	773	1.97	0.33	166.0	774	1.85	0.27	146.0	775	3.51	0.65	186.0
	776	4.44	0.77	174.0	811	1.97	0.22	109.3	836	1.90	0.21	109.3
	837	2.09	0.20	95.2	838	2.11	0.20	95.2	839	2.08	0.23	109.3
	840	2.27	0.22	95.2	841	1.96	0.21	109.3	842	2.09	0.20	95.2
	875	2.23	0.54	240.0	876	2.26	0.14	61.4	877	2.26	0.29	126.8
	878	4.66	0.05	10.8	879	2.33	0.39	166.0	880	2.15	0.29	136.0
	881	3.11	0.61	196.0	882	2.97	0.52	174.0	883	2.23	0.54	240.0
	884	2.17	0.13	61.4	885	2.22	0.28	126.8	886	4.27	0.05	10.8
	887	2.31	0.38	166.0	888	1.59	0.22	136.0	889	3.48	0.68	196.0
	890	3.33	0.58	174.0	891	2.27	0.55	240.0	892	2.13	0.13	61.4
	893	2.31	0.29	126.8	894	4.24	0.05	10.8	895	2.19	0.36	166.0
	896	1.48	0.20	136.0	897	4.77	0.94	196.0	898	4.29	0.75	174.0
	899	2.28	0.55	240.0	900	2.37	0.15	61.4	901	2.31	0.29	126.8
	902	4.37	0.05	10.8	903	2.17	0.36	166.0	904	2.08	0.28	136.0
	905	4.49	0.88	196.0	906	4.00	0.70	174.0	941	2.36	0.25	104.6
	960	2.21	0.23	104.6	961	4.15	0.64	155.2	962	3.59	0.56	155.2
	963	2.36	0.25	104.6	964	3.54	0.55	155.2	965	2.30	0.24	104.6
	966	4.17	0.65	155.2	1004	2.13	1.06	496.0	1005	2.15	1.07	496.0
	1009	86.90	1.74	20.0	1010	78.08	1.56	20.0	1081	2.21	0.01	5.0
	1082	1.80	9.02e-03	5.0	1084	2.75	0.79	285.0	1085	2.45	0.70	285.0
	1088	3.40	0.93	275.0	1089	3.48	0.96	275.0	1090	3.43	0.94	275.0
	1091	3.50	0.96	275.0	1092	3.36	0.92	275.0	1093	3.26	0.90	275.0
	1094	3.42	0.94	275.0	1095	3.32	0.91	275.0	1096	2.70	0.98	365.0
	1097	2.95	1.08	365.0	1098	2.69	0.98	365.0	1099	2.92	1.06	365.0
	1119	4.66	0.18	39.2	1120	4.32	0.17	39.2	1121	4.30	0.17	39.2
	1122	4.27	0.17	39.2	1123	2.72	0.76	280.0	1124	2.43	0.68	280.0
430	633	2.74	0.63	230.0	634	2.52	0.58	230.0	636	2.80	0.64	230.0
	637	2.66	0.61	230.0	639	2.88	0.66	230.0	640	2.75	0.63	230.0
	642	2.93	0.67	230.0	643	2.75	0.63	230.0	645	2.89	0.66	230.0
	646	2.56	0.59	230.0	648	2.51	1.35	537.0	650	2.42	1.30	537.0
	652	2.50	1.34	537.0	654	2.35	1.26	537.0	656	2.70	1.45	537.0
	658	2.50	1.34	537.0	660	2.92	1.57	537.0	662	2.76	1.48	537.0
	664	3.38	1.82	537.0	666	3.17	1.70	537.0	668	3.35	1.80	537.0
	670	3.20	1.72	537.0	695	3.50	1.04	296.0	696	3.77	1.11	296.0
	697	3.49	1.03	296.0	698	3.69	1.09	296.0	699	3.46	1.02	296.0

Firmato digitalmente da: Fiorelli Massimo
Firmato il 01/10/2024 18:24
Serial Certificato: 3202565
Valido dal 07/09/2023 al 07/09/2026
Qualified Electronic Signature

	700	3.64	1.08	296.0	701	3.39	1.00	296.0	702	3.58	1.06	296.0
	703	3.20	0.95	296.0	704	3.46	1.02	296.0	745	1.93	0.46	240.0
	746	2.04	0.12	56.7	747	2.02	0.33	166.0	748	1.99	0.14	70.8
	749	2.09	0.35	166.0	750	1.82	0.27	146.0	751	2.73	0.51	186.0
	752	2.62	0.46	174.0	753	1.93	0.46	240.0	754	1.90	0.11	56.7
	755	2.02	0.34	166.0	756	1.90	0.13	70.8	757	2.09	0.35	166.0
	758	1.79	0.26	146.0	759	2.91	0.54	186.0	760	2.81	0.49	174.0
	761	1.97	0.47	240.0	762	1.97	0.11	56.7	763	2.03	0.34	166.0
	764	1.85	0.13	70.8	765	2.12	0.35	166.0	766	1.69	0.25	146.0
	767	3.93	0.73	186.0	768	2.43	0.42	174.0	769	1.98	0.47	240.0
	770	2.11	0.12	56.7	771	2.05	0.34	166.0	772	2.08	0.15	70.8
	773	2.12	0.35	166.0	774	1.74	0.25	146.0	775	3.79	0.70	186.0
	776	2.21	0.38	174.0	811	2.14	0.23	109.3	836	2.07	0.23	109.3
	837	2.39	0.23	95.2	838	2.40	0.23	95.2	839	2.21	0.24	109.3
	840	2.50	0.24	95.2	841	2.10	0.23	109.3	842	2.35	0.22	95.2
	875	2.11	0.51	240.0	876	2.19	0.13	61.4	877	2.19	0.28	126.8
	878	3.87	0.04	10.8	879	2.46	0.41	166.0	880	3.14	0.43	136.0
	881	2.98	0.58	196.0	882	2.84	0.49	174.0	883	2.11	0.51	240.0
	884	2.10	0.13	61.4	885	2.14	0.27	126.8	886	3.48	0.04	10.8
	887	2.33	0.39	166.0	888	2.43	0.33	136.0	889	3.22	0.63	196.0
	890	3.09	0.54	174.0	891	2.16	0.52	240.0	892	2.01	0.12	61.4
	893	2.17	0.27	126.8	894	3.55	0.04	10.8	895	2.24	0.37	166.0
	896	2.31	0.31	136.0	897	4.52	0.89	196.0	898	4.06	0.71	174.0
	899	2.16	0.52	240.0	900	2.26	0.14	61.4	901	2.15	0.27	126.8
	902	3.63	0.04	10.8	903	2.33	0.39	166.0	904	3.04	0.41	136.0
	905	4.34	0.85	196.0	906	3.86	0.67	174.0	941	2.21	0.23	104.6
	960	2.08	0.22	104.6	961	3.18	0.49	155.2	962	3.14	0.49	155.2
	963	2.24	0.23	104.6	964	3.11	0.48	155.2	965	2.19	0.23	104.6
	966	3.21	0.50	155.2	1004	2.32	1.15	496.0	1005	2.34	1.16	496.0
	1009	33.74	0.67	20.0	1010	40.61	0.81	20.0	1081	2.36	0.01	5.0
	1082	1.97	9.87e-03	5.0	1084	3.34	0.95	285.0	1085	3.05	0.87	285.0
	1088	4.70	1.29	275.0	1089	4.78	1.31	275.0	1090	4.74	1.30	275.0
	1091	4.79	1.32	275.0	1092	4.59	1.26	275.0	1093	4.50	1.24	275.0
	1094	4.66	1.28	275.0	1095	4.54	1.25	275.0	1096	3.52	1.29	365.0
	1097	3.77	1.38	365.0	1098	3.52	1.29	365.0	1099	3.73	1.36	365.0
	1119	3.87	0.15	39.2	1120	3.54	0.14	39.2	1121	3.65	0.14	39.2
	1122	3.54	0.14	39.2	1123	3.32	0.93	280.0	1124	3.04	0.85	280.0
431	633	2.44	0.56	230.0	634	2.38	0.55	230.0	636	2.57	0.59	230.0
	637	2.69	0.62	230.0	639	2.75	0.63	230.0	640	2.89	0.66	230.0
	642	2.78	0.64	230.0	643	3.03	0.70	230.0	645	2.88	0.66	230.0
	646	2.86	0.66	230.0	648	2.91	1.56	537.0	650	2.86	1.53	537.0
	652	2.99	1.60	537.0	654	3.11	1.67	537.0	656	3.05	1.64	537.0
	658	3.24	1.74	537.0	660	3.31	1.78	537.0	662	3.50	1.88	537.0
	664	3.75	2.02	537.0	666	3.94	2.12	537.0	668	3.78	2.03	537.0
	670	3.95	2.12	537.0	695	2.87	0.85	296.0	696	3.14	0.93	296.0
	697	3.18	0.94	296.0	698	3.31	0.98	296.0	699	3.43	1.02	296.0
	700	3.53	1.05	296.0	701	3.68	1.09	296.0	702	3.69	1.09	296.0
	703	3.60	1.06	296.0	704	3.78	1.12	296.0	745	1.86	0.45	240.0
	746	1.82	0.10	56.7	747	1.90	0.32	166.0	748	1.87	0.13	70.8
	749	1.93	0.32	166.0	750	1.83	0.27	146.0	751	2.55	0.47	186.0
	752	2.47	0.43	174.0	753	1.86	0.45	240.0	754	1.97	0.11	56.7
	755	1.90	0.32	166.0	756	1.97	0.14	70.8	757	1.93	0.32	166.0
	758	1.90	0.28	146.0	759	2.57	0.48	186.0	760	2.47	0.43	174.0
	761	1.88	0.45	240.0	762	2.05	0.12	56.7	763	1.93	0.32	166.0
	764	2.02	0.14	70.8	765	1.96	0.33	166.0	766	1.84	0.27	146.0
	767	3.49	0.65	186.0	768	3.20	0.56	174.0	769	1.87	0.45	240.0
	770	1.88	0.11	56.7	771	1.94	0.32	166.0	772	1.77	0.12	70.8
	773	1.97	0.33	166.0	774	1.75	0.25	146.0	775	3.50	0.65	186.0
	776	3.21	0.56	174.0	811	1.89	0.21	109.3	836	1.96	0.21	109.3
	837	2.10	0.20	95.2	838	2.08	0.20	95.2	839	1.90	0.21	109.3
	840	2.08	0.20	95.2	841	1.98	0.22	109.3	842	2.26	0.22	95.2
	875	2.24	0.54	240.0	876	2.18	0.13	61.4	877	2.23	0.28	126.8
	878	4.21	0.05	10.8	879	2.25	0.37	166.0	880	1.53	0.21	136.0
	881	3.50	0.69	196.0	882	3.34	0.58	174.0	883	2.24	0.54	240.0
	884	2.27	0.14	61.4	885	2.27	0.29	126.8	886	4.58	0.05	10.8
	887	2.27	0.38	166.0	888	2.07	0.28	136.0	889	3.12	0.61	196.0
	890	2.97	0.52	174.0	891	2.27	0.54	240.0	892	2.47	0.15	61.4
	893	2.34	0.30	126.8	894	4.27	0.05	10.8	895	2.09	0.35	166.0

Firmato digitalmente da: Arcigli Massimo
Emesso il 17/03/2024 18:24
Serial Certificato: 2e2235
valido dal 01/09/2023 al
Actalis Qualified Electronic

	896	1.99	0.27	136.0	897	4.51	0.88	196.0	898	3.30	0.57	174.0
	899	2.26	0.54	240.0	900	2.20	0.14	61.4	901	2.37	0.30	126.8
	902	4.16	0.04	10.8	903	2.11	0.35	166.0	904	1.40	0.19	136.0
	905	4.79	0.94	196.0	906	3.64	0.63	174.0	941	2.24	0.23	104.6
	960	2.39	0.25	104.6	961	3.51	0.55	155.2	962	4.07	0.63	155.2
	963	2.31	0.24	104.6	964	4.07	0.63	155.2	965	2.35	0.25	104.6
	966	3.45	0.54	155.2	1004	2.14	1.06	496.0	1005	2.12	1.05	496.0
	1009	76.58	1.53	20.0	1010	86.01	1.72	20.0	1081	1.80	8.98e-03	5.0
	1082	2.20	0.01	5.0	1084	2.43	0.69	285.0	1085	2.74	0.78	285.0
	1088	3.44	0.95	275.0	1089	3.35	0.92	275.0	1090	3.45	0.95	275.0
	1091	3.39	0.93	275.0	1092	3.22	0.89	275.0	1093	3.31	0.91	275.0
	1094	3.27	0.90	275.0	1095	3.38	0.93	275.0	1096	2.93	1.07	365.0
	1097	2.67	0.97	365.0	1098	2.89	1.05	365.0	1099	2.66	0.97	365.0
	1119	4.26	0.17	39.2	1120	4.58	0.18	39.2	1121	4.17	0.16	39.2
	1122	4.23	0.17	39.2	1123	2.41	0.67	280.0	1124	2.70	0.76	280.0
432	633	2.64	0.61	230.0	634	2.61	0.60	230.0	636	2.67	0.61	230.0
	637	2.80	0.64	230.0	639	2.76	0.63	230.0	640	2.89	0.67	230.0
	642	2.79	0.64	230.0	643	2.85	0.66	230.0	645	2.78	0.64	230.0
	646	2.69	0.62	230.0	648	2.36	1.27	537.0	650	2.46	1.32	537.0
	652	2.32	1.25	537.0	654	2.48	1.33	537.0	656	2.41	1.29	537.0
	658	2.59	1.39	537.0	660	2.64	1.42	537.0	662	2.84	1.52	537.0
	664	3.09	1.66	537.0	666	3.29	1.77	537.0	668	3.12	1.68	537.0
	670	3.25	1.75	537.0	695	3.66	1.08	296.0	696	3.56	1.05	296.0
	697	3.67	1.09	296.0	698	3.47	1.03	296.0	699	3.62	1.07	296.0
	700	3.44	1.02	296.0	701	3.50	1.04	296.0	702	3.39	1.00	296.0
	703	3.29	0.98	296.0	704	3.33	0.99	296.0	745	1.93	0.46	240.0
	746	1.90	0.11	56.7	747	2.02	0.34	166.0	748	1.90	0.13	70.8
	749	2.09	0.35	166.0	750	1.79	0.26	146.0	751	2.91	0.54	186.0
	752	2.81	0.49	174.0	753	1.93	0.46	240.0	754	2.04	0.12	56.7
	755	2.01	0.33	166.0	756	1.98	0.14	70.8	757	2.08	0.35	166.0
	758	1.81	0.26	146.0	759	2.73	0.51	186.0	760	2.62	0.46	174.0
	761	1.96	0.47	240.0	762	2.17	0.12	56.7	763	2.05	0.34	166.0
	764	2.13	0.15	70.8	765	2.12	0.35	166.0	766	1.73	0.25	146.0
	767	3.79	0.71	186.0	768	3.44	0.60	174.0	769	1.95	0.47	240.0
	770	2.03	0.12	56.7	771	2.06	0.34	166.0	772	1.90	0.13	70.8
	773	2.12	0.35	166.0	774	1.69	0.25	146.0	775	3.94	0.73	186.0
	776	3.59	0.62	174.0	811	2.07	0.23	109.3	836	2.13	0.23	109.3
	837	2.40	0.23	95.2	838	2.39	0.23	95.2	839	2.06	0.22	109.3
	840	2.34	0.22	95.2	841	2.13	0.23	109.3	842	2.50	0.24	95.2
	875	2.11	0.51	240.0	876	2.09	0.13	61.4	877	2.14	0.27	126.8
	878	3.42	0.04	10.8	879	2.27	0.38	166.0	880	2.38	0.32	136.0
	881	3.22	0.63	196.0	882	3.08	0.54	174.0	883	2.11	0.51	240.0
	884	2.19	0.13	61.4	885	2.19	0.28	126.8	886	3.80	0.04	10.8
	887	2.41	0.40	166.0	888	3.07	0.42	136.0	889	2.97	0.58	196.0
	890	2.83	0.49	174.0	891	2.14	0.51	240.0	892	2.34	0.14	61.4
	893	2.17	0.28	126.8	894	3.53	0.04	10.8	895	2.27	0.38	166.0
	896	2.96	0.40	136.0	897	4.33	0.85	196.0	898	4.57	0.79	174.0
	899	2.14	0.51	240.0	900	2.07	0.13	61.4	901	2.21	0.28	126.8
	902	3.48	0.04	10.8	903	2.17	0.36	166.0	904	2.26	0.31	136.0
	905	4.52	0.89	196.0	906	4.74	0.83	174.0	941	2.08	0.22	104.6
	960	2.22	0.23	104.6	961	3.09	0.48	155.2	962	3.12	0.48	155.2
	963	2.19	0.23	104.6	964	3.13	0.49	155.2	965	2.21	0.23	104.6
	966	3.04	0.47	155.2	1004	2.34	1.16	496.0	1005	2.32	1.15	496.0
	1009	38.65	0.77	20.0	1010	31.18	0.62	20.0	1081	1.97	9.85e-03	5.0
	1082	2.36	0.01	5.0	1084	3.05	0.87	285.0	1085	3.34	0.95	285.0
	1088	4.81	1.32	275.0	1089	4.74	1.30	275.0	1090	4.82	1.33	275.0
	1091	4.78	1.31	275.0	1092	4.53	1.25	275.0	1093	4.62	1.27	275.0
	1094	4.57	1.26	275.0	1095	4.69	1.29	275.0	1096	3.79	1.38	365.0
	1097	3.54	1.29	365.0	1098	3.75	1.37	365.0	1099	3.54	1.29	365.0
	1119	3.47	0.14	39.2	1120	3.79	0.15	39.2	1121	3.44	0.13	39.2
	1122	3.57	0.14	39.2	1123	3.04	0.85	280.0	1124	3.32	0.93	280.0
433	633	2.75	0.63	230.0	634	2.55	0.59	230.0	636	2.81	0.65	230.0
	637	2.68	0.62	230.0	639	2.88	0.66	230.0	640	2.75	0.63	230.0
	642	2.94	0.68	230.0	643	2.66	0.61	230.0	645	2.89	0.67	230.0
	646	2.49	0.57	230.0	648	2.91	1.56	537.0	650	2.94	1.58	537.0
	652	3.14	1.68	537.0	654	2.94	1.58	537.0	656	3.37	1.81	537.0
	658	3.10	1.66	537.0	660	3.57	1.92	537.0	662	3.33	1.79	537.0
	664	3.97	2.13	537.0	666	3.70	1.99	537.0	668	3.98	2.14	537.0

Firmato digitalmente da: Gregori Massimo
Firmato il 01/08/2024 18:24
Serial Certificato: 2702285
Valido dal 01/09/2023 al 01/09/2026
Qualified Electronic Signature

	670	3.72	2.00	537.0	695	3.25	0.96	296.0	696	3.37	1.00	296.0
	697	3.35	0.99	296.0	698	3.43	1.02	296.0	699	3.46	1.02	296.0
	700	3.55	1.05	296.0	701	3.45	1.02	296.0	702	3.66	1.08	296.0
	703	3.36	0.99	296.0	704	3.64	1.08	296.0	745	1.94	0.46	240.0
	746	2.04	0.12	56.7	747	1.98	0.33	166.0	748	2.03	0.14	70.8
	749	2.02	0.33	166.0	750	1.91	0.28	146.0	751	2.71	0.50	186.0
	752	2.61	0.45	174.0	753	1.93	0.46	240.0	754	1.90	0.11	56.7
	755	1.98	0.33	166.0	756	1.96	0.14	70.8	757	2.02	0.33	166.0
	758	1.91	0.28	146.0	759	2.70	0.50	186.0	760	2.61	0.45	174.0
	761	1.97	0.47	240.0	762	1.89	0.11	56.7	763	1.99	0.33	166.0
	764	1.78	0.13	70.8	765	2.06	0.34	166.0	766	1.82	0.27	146.0
	767	3.76	0.70	186.0	768	3.42	0.60	174.0	769	1.98	0.48	240.0
	770	2.05	0.12	56.7	771	2.01	0.33	166.0	772	2.02	0.14	70.8
	773	2.05	0.34	166.0	774	1.83	0.27	146.0	775	3.76	0.70	186.0
	776	3.41	0.59	174.0	811	2.05	0.22	109.3	836	1.97	0.22	109.3
	837	2.15	0.20	95.2	838	2.24	0.21	95.2	839	2.16	0.24	109.3
	840	2.40	0.23	95.2	841	2.04	0.22	109.3	842	2.21	0.21	95.2
	875	2.20	0.53	240.0	876	2.23	0.14	61.4	877	2.23	0.28	126.8
	878	3.88	0.04	10.8	879	2.31	0.38	166.0	880	1.69	0.23	136.0
	881	3.03	0.59	196.0	882	2.89	0.50	174.0	883	2.20	0.53	240.0
	884	2.13	0.13	61.4	885	2.18	0.28	126.8	886	4.70	0.05	10.8
	887	2.22	0.37	166.0	888	2.07	0.28	136.0	889	3.44	0.67	196.0
	890	3.29	0.57	174.0	891	2.24	0.54	240.0	892	2.09	0.13	61.4
	893	2.29	0.29	126.8	894	4.56	0.05	10.8	895	2.13	0.35	166.0
	896	2.01	0.27	136.0	897	4.69	0.92	196.0	898	4.88	0.85	174.0
	899	2.24	0.54	240.0	900	2.34	0.14	61.4	901	2.27	0.29	126.8
	902	3.71	0.04	10.8	903	2.17	0.36	166.0	904	1.59	0.22	136.0
	905	4.38	0.86	196.0	906	4.61	0.80	174.0	941	2.34	0.24	104.6
	960	2.17	0.23	104.6	961	3.61	0.56	155.2	962	3.78	0.59	155.2
	963	2.33	0.24	104.6	964	3.77	0.58	155.2	965	2.26	0.24	104.6
	966	3.64	0.56	155.2	1004	2.23	1.11	496.0	1005	2.26	1.12	496.0
	1009	86.29	1.73	20.0	1010	83.79	1.68	20.0	1081	2.33	0.01	5.0
	1082	1.92	9.60e-03	5.0	1084	3.31	0.94	285.0	1085	3.01	0.86	285.0
	1088	4.70	1.29	275.0	1089	4.79	1.32	275.0	1090	4.74	1.30	275.0
	1091	4.80	1.32	275.0	1092	4.59	1.26	275.0	1093	4.50	1.24	275.0
	1094	4.65	1.28	275.0	1095	4.55	1.25	275.0	1096	3.49	1.27	365.0
	1097	3.75	1.37	365.0	1098	3.49	1.27	365.0	1099	3.71	1.36	365.0
	1119	3.92	0.15	39.2	1120	4.70	0.18	39.2	1121	4.55	0.18	39.2
	1122	3.66	0.14	39.2	1123	3.29	0.92	280.0	1124	3.00	0.84	280.0
434	633	2.51	0.58	230.0	634	2.27	0.52	230.0	636	2.68	0.62	230.0
	637	2.54	0.58	230.0	639	2.86	0.66	230.0	640	2.73	0.63	230.0
	642	2.93	0.67	230.0	643	2.84	0.65	230.0	645	3.03	0.70	230.0
	646	2.71	0.62	230.0	648	2.44	1.31	537.0	650	2.44	1.31	537.0
	652	2.54	1.37	537.0	654	2.43	1.31	537.0	656	2.75	1.48	537.0
	658	2.60	1.40	537.0	660	3.02	1.62	537.0	662	2.91	1.56	537.0
	664	3.52	1.89	537.0	666	3.36	1.80	537.0	668	3.50	1.88	537.0
	670	3.39	1.82	537.0	695	3.08	0.91	296.0	696	3.59	1.06	296.0
	697	3.21	0.95	296.0	698	3.62	1.07	296.0	699	3.30	0.98	296.0
	700	3.66	1.08	296.0	701	3.39	1.00	296.0	702	3.69	1.09	296.0
	703	3.27	0.97	296.0	704	3.69	1.09	296.0	745	1.86	0.45	240.0
	746	1.98	0.11	56.7	747	1.95	0.32	166.0	748	1.93	0.14	70.8
	749	2.01	0.33	166.0	750	1.78	0.26	146.0	751	2.58	0.48	186.0
	752	2.47	0.43	174.0	753	1.86	0.45	240.0	754	1.83	0.10	56.7
	755	1.95	0.32	166.0	756	1.83	0.13	70.8	757	2.02	0.34	166.0
	758	1.76	0.26	146.0	759	2.81	0.52	186.0	760	2.70	0.47	174.0
	761	1.90	0.46	240.0	762	1.91	0.11	56.7	763	1.96	0.33	166.0
	764	1.80	0.13	70.8	765	2.05	0.34	166.0	766	1.67	0.24	146.0
	767	3.71	0.69	186.0	768	3.41	0.59	174.0	769	1.90	0.46	240.0
	770	2.03	0.11	56.7	771	1.98	0.33	166.0	772	2.02	0.14	70.8
	773	2.04	0.34	166.0	774	1.71	0.25	146.0	775	3.52	0.65	186.0
	776	3.23	0.56	174.0	811	2.08	0.23	109.3	836	1.98	0.22	109.3
	837	2.23	0.21	95.2	838	2.38	0.23	95.2	839	2.13	0.23	109.3
	840	2.41	0.23	95.2	841	2.01	0.22	109.3	842	2.20	0.21	95.2
	875	2.15	0.52	240.0	876	2.23	0.14	61.4	877	2.22	0.28	126.8
	878	3.60	0.04	10.8	879	2.44	0.40	166.0	880	2.41	0.33	136.0
	881	3.05	0.60	196.0	882	2.91	0.51	174.0	883	2.15	0.52	240.0
	884	2.14	0.13	61.4	885	2.18	0.28	126.8	886	4.02	0.04	10.8
	887	2.45	0.41	166.0	888	3.08	0.42	136.0	889	3.27	0.64	196.0

Firmato digitalmente da: Angeli Massimo
Firmato il 30/01/2024 18:24
Serial Certificato: 2922f35
Valido dal 01/09/2023 al 01/09/2026
InfoCert Qualified Electronic Signature

	890	3.14	0.55	174.0	891	2.19	0.53	240.0	892	2.04	0.13	61.4
	893	2.19	0.28	126.8	894	3.98	0.04	10.8	895	2.34	0.39	166.0
	896	2.97	0.40	136.0	897	4.62	0.90	196.0	898	3.46	0.60	174.0
	899	2.20	0.53	240.0	900	2.29	0.14	61.4	901	2.19	0.28	126.8
	902	3.45	0.04	10.8	903	2.28	0.38	166.0	904	2.28	0.31	136.0
	905	4.45	0.87	196.0	906	3.23	0.56	174.0	941	2.24	0.23	104.6
	960	2.12	0.22	104.6	961	3.18	0.49	155.2	962	3.51	0.54	155.2
	963	2.27	0.24	104.6	964	3.47	0.54	155.2	965	2.23	0.23	104.6
	966	3.18	0.49	155.2	1004	2.20	1.09	496.0	1005	2.25	1.12	496.0
	1009	23.67	0.47	20.0	1010	39.32	0.79	20.0	1081	2.25	0.01	5.0
	1082	1.86	9.30e-03	5.0	1084	2.79	0.80	285.0	1085	2.49	0.71	285.0
	1088	3.42	0.94	275.0	1089	3.48	0.96	275.0	1090	3.46	0.95	275.0
	1091	3.49	0.96	275.0	1092	3.37	0.93	275.0	1093	3.27	0.90	275.0
	1094	3.44	0.95	275.0	1095	3.32	0.91	275.0	1096	2.75	1.00	365.0
	1097	2.98	1.09	365.0	1098	2.75	1.00	365.0	1099	2.94	1.07	365.0
	1119	3.63	0.14	39.2	1120	4.05	0.16	39.2	1121	4.03	0.16	39.2
	1122	3.40	0.13	39.2	1123	2.76	0.77	280.0	1124	2.47	0.69	280.0
435	633	1.46	0.33	230.0	634	1.47	0.34	230.0	636	1.23	0.28	230.0
	637	1.31	0.30	230.0	639	1.01	0.23	230.0	640	1.09	0.25	230.0
	642	0.82	0.19	230.0	643	0.95	0.22	230.0	645	0.56	0.13	230.0
	646	0.69	0.16	230.0	648	3.05	1.64	537.0	650	3.08	1.65	537.0
	652	3.29	1.77	537.0	654	3.49	1.88	537.0	656	3.37	1.81	537.0
	658	3.57	1.91	537.0	660	3.43	1.84	537.0	662	3.62	1.94	537.0
	664	3.50	1.88	537.0	666	3.67	1.97	537.0	668	3.53	1.89	537.0
	670	3.71	1.99	537.0	695	6.37	1.89	296.0	696	5.68	1.68	296.0
	697	6.37	1.89	296.0	698	5.67	1.68	296.0	699	6.45	1.91	296.0
	700	5.75	1.70	296.0	701	6.57	1.94	296.0	702	5.86	1.73	296.0
	703	6.55	1.94	296.0	704	5.85	1.73	296.0	745	0.76	0.18	240.0
	746	0.70	0.04	56.7	747	0.76	0.13	166.0	748	1.14	0.08	70.8
	749	0.93	0.15	166.0	750	1.75	0.25	146.0	751	1.45	0.27	186.0
	752	1.27	0.22	174.0	753	0.76	0.18	240.0	754	0.81	0.05	56.7
	755	0.76	0.13	166.0	756	1.01	0.07	70.8	757	0.90	0.15	166.0
	758	1.39	0.20	146.0	759	1.44	0.27	186.0	760	1.30	0.23	174.0
	761	0.77	0.19	240.0	762	1.05	0.06	56.7	763	0.78	0.13	166.0
	764	0.95	0.07	70.8	765	0.91	0.15	166.0	766	1.36	0.20	146.0
	767	1.91	0.36	186.0	768	2.78	0.48	174.0	769	0.76	0.18	240.0
	770	0.94	0.05	56.7	771	0.79	0.13	166.0	772	0.75	0.05	70.8
	773	0.95	0.16	166.0	774	1.72	0.25	146.0	775	1.92	0.36	186.0
	776	2.75	0.48	174.0	811	1.04	0.11	109.3	836	1.21	0.13	109.3
	837	2.62	0.25	95.2	838	2.16	0.21	95.2	839	0.80	0.09	109.3
	840	1.47	0.14	95.2	841	0.91	0.10	109.3	842	1.79	0.17	95.2
	875	1.31	0.31	240.0	876	1.08	0.07	61.4	877	1.14	0.14	126.8
	878	9.58	0.10	10.8	879	0.80	0.13	166.0	880	6.51	0.88	136.0
	881	1.94	0.38	196.0	882	1.84	0.32	174.0	883	1.30	0.31	240.0
	884	1.16	0.07	61.4	885	1.19	0.15	126.8	886	6.32	0.07	10.8
	887	0.54	0.09	166.0	888	3.69	0.50	136.0	889	1.60	0.31	196.0
	890	1.51	0.26	174.0	891	1.31	0.32	240.0	892	1.44	0.09	61.4
	893	1.48	0.19	126.8	894	5.58	0.06	10.8	895	0.51	0.09	166.0
	896	3.75	0.51	136.0	897	1.78	0.35	196.0	898	1.62	0.28	174.0
	899	1.32	0.32	240.0	900	1.30	0.08	61.4	901	1.59	0.20	126.8
	902	8.43	0.09	10.8	903	0.81	0.14	166.0	904	6.56	0.89	136.0
	905	2.09	0.41	196.0	906	1.93	0.34	174.0	941	1.44	0.15	104.6
	960	1.51	0.16	104.6	961	6.90	1.07	155.2	962	4.64	0.72	155.2
	963	1.34	0.14	104.6	964	4.70	0.73	155.2	965	1.36	0.14	104.6
	966	6.97	1.08	155.2	1004	1.26	0.62	496.0	1005	1.16	0.58	496.0
	1009	135.14	2.70	20.0	1010	125.06	2.50	20.0	1081	0.69	3.46e-03	5.0
	1082	1.10	5.49e-03	5.0	1084	1.77	0.50	285.0	1085	2.09	0.60	285.0
	1088	3.61	0.99	275.0	1089	3.54	0.97	275.0	1090	3.61	0.99	275.0
	1091	3.55	0.98	275.0	1092	3.35	0.92	275.0	1093	3.46	0.95	275.0
	1094	3.33	0.92	275.0	1095	3.46	0.95	275.0	1096	2.58	0.94	365.0
	1097	2.35	0.86	365.0	1098	2.59	0.94	365.0	1099	2.38	0.87	365.0
	1119	9.48	0.37	39.2	1120	6.46	0.25	39.2	1121	5.44	0.21	39.2
	1122	8.05	0.32	39.2	1123	1.81	0.51	280.0	1124	2.12	0.59	280.0
436	633	0.50	0.12	230.0	634	0.52	0.12	230.0	636	0.68	0.16	230.0
	637	0.77	0.18	230.0	639	0.91	0.21	230.0	640	0.98	0.23	230.0
	642	0.97	0.22	230.0	643	1.06	0.24	230.0	645	1.24	0.29	230.0
	646	1.19	0.27	230.0	648	0.65	0.35	537.0	650	0.83	0.44	537.0
	652	0.87	0.47	537.0	654	0.86	0.46	537.0	656	0.89	0.48	537.0

Firmato digitalmente da: Segre Massimo
Firmato il 06/03/2024 18:24
Serial Number Certificato: 2e92e55
Valido dal 01/09/2023 al 01/09/2026
Qualified Electronic Signature

	658	0.91	0.49	537.0	660	0.99	0.53	537.0	662	1.01	0.54	537.0
	664	1.07	0.57	537.0	666	1.14	0.61	537.0	668	1.11	0.60	537.0
	670	1.08	0.58	537.0	695	5.01	1.48	296.0	696	4.36	1.29	296.0
	697	5.21	1.54	296.0	698	4.55	1.35	296.0	699	5.44	1.61	296.0
	700	4.78	1.42	296.0	701	5.59	1.66	296.0	702	4.94	1.46	296.0
	703	5.70	1.69	296.0	704	5.08	1.50	296.0	745	0.94	0.22	240.0
	746	0.53	0.03	56.7	747	0.95	0.16	166.0	748	0.56	0.04	70.8
	749	1.28	0.21	166.0	750	1.13	0.17	146.0	751	2.01	0.37	186.0
	752	1.78	0.31	174.0	753	0.91	0.22	240.0	754	0.70	0.04	56.7
	755	0.94	0.16	166.0	756	0.56	0.04	70.8	757	1.20	0.20	166.0
	758	0.81	0.12	146.0	759	1.44	0.27	186.0	760	1.25	0.22	174.0
	761	0.90	0.22	240.0	762	1.22	0.07	56.7	763	0.96	0.16	166.0
	764	1.19	0.08	70.8	765	1.20	0.20	166.0	766	0.80	0.12	146.0
	767	1.55	0.29	186.0	768	5.12	0.89	174.0	769	0.93	0.22	240.0
	770	1.26	0.07	56.7	771	0.96	0.16	166.0	772	1.13	0.08	70.8
	773	1.28	0.21	166.0	774	1.09	0.16	146.0	775	2.09	0.39	186.0
	776	5.30	0.92	174.0	811	1.42	0.16	109.3	836	1.60	0.18	109.3
	837	3.15	0.30	95.2	838	2.65	0.25	95.2	839	1.08	0.12	109.3
	840	1.86	0.18	95.2	841	1.18	0.13	109.3	842	2.18	0.21	95.2
	875	0.65	0.16	240.0	876	0.86	0.05	61.4	877	0.88	0.11	126.8
	878	8.44	0.09	10.8	879	1.96	0.32	166.0	880	4.10	0.56	136.0
	881	0.95	0.19	196.0	882	0.91	0.16	174.0	883	0.66	0.16	240.0
	884	0.93	0.06	61.4	885	0.89	0.11	126.8	886	5.24	0.06	10.8
	887	1.36	0.23	166.0	888	1.28	0.17	136.0	889	0.91	0.18	196.0
	890	0.89	0.15	174.0	891	0.66	0.16	240.0	892	0.92	0.06	61.4
	893	0.72	0.09	126.8	894	4.50	0.05	10.8	895	1.31	0.22	166.0
	896	1.29	0.18	136.0	897	1.28	0.25	196.0	898	1.15	0.20	174.0
	899	0.65	0.16	240.0	900	0.69	0.04	61.4	901	0.71	0.09	126.8
	902	7.32	0.08	10.8	903	1.94	0.32	166.0	904	4.12	0.56	136.0
	905	1.31	0.26	196.0	906	1.19	0.21	174.0	941	0.69	0.07	104.6
	960	0.73	0.08	104.6	961	5.77	0.90	155.2	962	3.59	0.56	155.2
	963	0.79	0.08	104.6	964	3.63	0.56	155.2	965	0.73	0.08	104.6
	966	5.83	0.91	155.2	1004	1.60	0.79	496.0	1005	1.45	0.72	496.0
	1009	9.48	0.19	20.0	1010	9.21	0.18	20.0	1081	0.90	4.48e-03	5.0
	1082	1.10	5.50e-03	5.0	1084	1.05	0.30	285.0	1085	1.12	0.32	285.0
	1088	1.23	0.34	275.0	1089	1.47	0.40	275.0	1090	1.23	0.34	275.0
	1091	1.46	0.40	275.0	1092	1.37	0.38	275.0	1093	1.42	0.39	275.0
	1094	1.38	0.38	275.0	1095	1.41	0.39	275.0	1096	1.25	0.46	365.0
	1097	1.39	0.51	365.0	1098	1.26	0.46	365.0	1099	1.39	0.51	365.0
	1119	1.85	0.07	39.2	1120	4.49	0.18	39.2	1121	3.43	0.13	39.2
	1122	1.44	0.06	39.2	1123	1.08	0.30	280.0	1124	1.16	0.32	280.0
437	633	0.91	0.21	230.0	634	0.78	0.18	230.0	636	0.99	0.23	230.0
	637	0.85	0.19	230.0	639	1.04	0.24	230.0	640	0.89	0.20	230.0
	642	1.01	0.23	230.0	643	0.81	0.19	230.0	645	1.17	0.27	230.0
	646	0.85	0.19	230.0	648	2.96	1.59	537.0	650	3.19	1.71	537.0
	652	3.42	1.84	537.0	654	3.56	1.91	537.0	656	3.51	1.89	537.0
	658	3.67	1.97	537.0	660	3.60	1.93	537.0	662	3.77	2.02	537.0
	664	3.70	1.99	537.0	666	3.86	2.07	537.0	668	3.74	2.01	537.0
	670	3.89	2.09	537.0	695	6.07	1.80	296.0	696	5.60	1.66	296.0
	697	6.15	1.82	296.0	698	5.69	1.68	296.0	699	6.31	1.87	296.0
	700	5.85	1.73	296.0	701	6.47	1.91	296.0	702	6.01	1.78	296.0
	703	6.51	1.93	296.0	704	6.07	1.80	296.0	745	0.56	0.14	240.0
	746	0.64	0.04	56.7	747	0.56	0.09	166.0	748	1.07	0.08	70.8
	749	0.76	0.13	166.0	750	1.71	0.25	146.0	751	1.40	0.26	186.0
	752	1.18	0.21	174.0	753	0.55	0.13	240.0	754	0.47	0.03	56.7
	755	0.55	0.09	166.0	756	0.83	0.06	70.8	757	0.70	0.12	166.0
	758	1.34	0.20	146.0	759	0.89	0.17	186.0	760	0.73	0.13	174.0
	761	0.56	0.14	240.0	762	0.66	0.04	56.7	763	0.55	0.09	166.0
	764	0.53	0.04	70.8	765	0.70	0.12	166.0	766	1.33	0.19	146.0
	767	1.03	0.19	186.0	768	4.92	0.86	174.0	769	0.59	0.14	240.0
	770	0.86	0.05	56.7	771	0.56	0.09	166.0	772	0.76	0.05	70.8
	773	0.76	0.13	166.0	774	1.70	0.25	146.0	775	1.47	0.27	186.0
	776	4.99	0.87	174.0	811	0.93	0.10	109.3	836	1.03	0.11	109.3
	837	2.53	0.24	95.2	838	2.06	0.20	95.2	839	0.73	0.08	109.3
	840	1.35	0.13	95.2	841	0.69	0.08	109.3	842	1.54	0.15	95.2
	875	1.36	0.33	240.0	876	1.20	0.07	61.4	877	1.21	0.15	126.8
	878	9.61	0.10	10.8	879	1.03	0.17	166.0	880	6.49	0.88	136.0
	881	1.83	0.36	196.0	882	1.71	0.30	174.0	883	1.35	0.32	240.0

Firmato digitalmente da: Gigli Massimo
Firmato il 30/10/2024 18:24
Serial Certificato: 2202265
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature

	884	1.16	0.07	61.4	885	1.22	0.15	126.8	886	6.45	0.07	10.8
	887	0.76	0.13	166.0	888	3.69	0.50	136.0	889	1.94	0.38	196.0
	890	1.84	0.32	174.0	891	1.36	0.33	240.0	892	1.31	0.08	61.4
	893	1.51	0.19	126.8	894	5.75	0.06	10.8	895	0.73	0.12	166.0
	896	3.74	0.51	136.0	897	2.18	0.43	196.0	898	2.01	0.35	174.0
	899	1.37	0.33	240.0	900	1.43	0.09	61.4	901	1.59	0.20	126.8
	902	8.45	0.09	10.8	903	0.97	0.16	166.0	904	6.55	0.89	136.0
	905	2.08	0.41	196.0	906	1.88	0.33	174.0	941	1.51	0.16	104.6
	960	1.52	0.16	104.6	961	6.95	1.08	155.2	962	4.77	0.74	155.2
	963	1.38	0.14	104.6	964	4.80	0.75	155.2	965	1.43	0.15	104.6
	966	7.02	1.09	155.2	1004	1.04	0.52	496.0	1005	0.93	0.46	496.0
	1009	129.26	2.59	20.0	1010	125.80	2.52	20.0	1081	0.73	3.67e-03	5.0
	1082	0.38	1.90e-03	5.0	1084	0.52	0.15	285.0	1085	0.56	0.16	285.0
	1088	0.96	0.26	275.0	1089	0.75	0.21	275.0	1090	0.97	0.27	275.0
	1091	0.76	0.21	275.0	1092	0.86	0.24	275.0	1093	0.99	0.27	275.0
	1094	0.85	0.23	275.0	1095	1.00	0.27	275.0	1096	0.74	0.27	365.0
	1097	0.77	0.28	365.0	1098	0.74	0.27	365.0	1099	0.78	0.28	365.0
	1119	9.52	0.37	39.2	1120	6.58	0.26	39.2	1121	5.63	0.22	39.2
	1122	8.06	0.32	39.2	1123	0.54	0.15	280.0	1124	0.60	0.17	280.0
438	633	1.38	0.32	230.0	634	1.23	0.28	230.0	636	1.20	0.28	230.0
	637	1.06	0.24	230.0	639	1.07	0.25	230.0	640	0.93	0.21	230.0
	642	1.04	0.24	230.0	643	0.87	0.20	230.0	645	0.95	0.22	230.0
	646	0.81	0.19	230.0	648	1.11	0.60	537.0	650	0.68	0.37	537.0
	652	0.78	0.42	537.0	654	0.59	0.32	537.0	656	0.74	0.40	537.0
	658	0.56	0.30	537.0	660	0.67	0.36	537.0	662	0.50	0.27	537.0
	664	0.67	0.36	537.0	666	0.48	0.26	537.0	668	0.53	0.29	537.0
	670	0.51	0.28	537.0	695	5.40	1.60	296.0	696	4.47	1.32	296.0
	697	5.48	1.62	296.0	698	4.54	1.34	296.0	699	5.63	1.67	296.0
	700	4.67	1.38	296.0	701	5.73	1.70	296.0	702	4.75	1.40	296.0
	703	5.80	1.72	296.0	704	4.79	1.42	296.0	745	1.06	0.25	240.0
	746	0.85	0.05	56.7	747	1.08	0.18	166.0	748	0.83	0.06	70.8
	749	1.39	0.23	166.0	750	1.21	0.18	146.0	751	1.97	0.37	186.0
	752	1.76	0.31	174.0	753	1.06	0.25	240.0	754	0.76	0.04	56.7
	755	1.09	0.18	166.0	756	0.67	0.05	70.8	757	1.34	0.22	166.0
	758	0.88	0.13	146.0	759	1.99	0.37	186.0	760	1.80	0.31	174.0
	761	1.06	0.26	240.0	762	1.27	0.07	56.7	763	1.09	0.18	166.0
	764	1.15	0.08	70.8	765	1.35	0.22	166.0	766	0.81	0.12	146.0
	767	2.39	0.44	186.0	768	2.87	0.50	174.0	769	1.07	0.26	240.0
	770	1.40	0.08	56.7	771	1.10	0.18	166.0	772	1.32	0.09	70.8
	773	1.40	0.23	166.0	774	1.16	0.17	146.0	775	2.36	0.44	186.0
	776	2.86	0.50	174.0	811	1.57	0.17	109.3	836	1.66	0.18	109.3
	837	3.19	0.30	95.2	838	2.76	0.26	95.2	839	1.32	0.14	95.2
	840	2.09	0.20	95.2	841	1.30	0.14	109.3	842	2.24	0.21	95.2
	875	0.54	0.13	240.0	876	0.86	0.05	61.4	877	0.83	0.11	126.8
	878	8.38	0.09	10.8	879	1.92	0.32	166.0	880	4.23	0.58	136.0
	881	0.70	0.14	196.0	882	0.66	0.11	174.0	883	0.54	0.13	240.0
	884	0.77	0.05	61.4	885	0.78	0.10	126.8	886	5.15	0.06	10.8
	887	1.26	0.21	166.0	888	1.25	0.17	136.0	889	0.75	0.15	196.0
	890	0.74	0.13	174.0	891	0.56	0.14	240.0	892	0.55	0.03	61.4
	893	0.62	0.08	126.8	894	4.46	0.05	10.8	895	1.28	0.21	166.0
	896	1.27	0.17	136.0	897	1.00	0.20	196.0	898	0.93	0.16	174.0
	899	0.57	0.14	240.0	900	0.76	0.05	61.4	901	0.57	0.07	126.8
	902	7.23	0.08	10.8	903	1.92	0.32	166.0	904	4.26	0.58	136.0
	905	0.96	0.19	196.0	906	0.85	0.15	174.0	941	0.65	0.07	104.6
	960	0.57	0.06	104.6	961	5.72	0.89	155.2	962	3.48	0.54	155.2
	963	0.70	0.07	104.6	964	3.53	0.55	155.2	965	0.71	0.07	104.6
	966	5.79	0.90	155.2	1004	1.72	0.86	496.0	1005	1.64	0.81	496.0
	1009	29.48	0.59	20.0	1010	29.30	0.59	20.0	1081	1.36	6.79e-03	5.0
	1082	1.10	5.48e-03	5.0	1084	2.26	0.65	285.0	1085	2.05	0.58	285.0
	1088	3.69	1.01	275.0	1089	3.79	1.04	275.0	1090	3.71	1.02	275.0
	1091	3.78	1.04	275.0	1092	3.60	0.99	275.0	1093	3.54	0.97	275.0
	1094	3.59	0.99	275.0	1095	3.52	0.97	275.0	1096	2.57	0.94	365.0
	1097	2.82	1.03	365.0	1098	2.61	0.95	365.0	1099	2.82	1.03	365.0
	1119	1.21	0.05	39.2	1120	4.62	0.18	39.2	1121	3.64	0.14	39.2
	1122	0.63	0.02	39.2	1123	2.30	0.64	280.0	1124	2.09	0.59	280.0
439	633	1.34	0.31	230.0	634	1.34	0.31	230.0	636	1.19	0.27	230.0
	637	1.25	0.29	230.0	639	1.02	0.23	230.0	640	1.09	0.25	230.0
	642	0.87	0.20	230.0	643	1.01	0.23	230.0	645	0.63	0.15	230.0

Firmato digitalmente da: Gregori Massimo
Firmato il 01/03/2024 18:24
Serial Number: 2ea2f55
in base a Qualified Electronic Certificate

	646	0.78	0.18	230.0	648	3.06	1.64	537.0	650	3.10	1.66	537.0
	652	3.29	1.77	537.0	654	3.52	1.89	537.0	656	3.33	1.79	537.0
	658	3.60	1.93	537.0	660	3.40	1.83	537.0	662	3.66	1.97	537.0
	664	3.48	1.87	537.0	666	3.75	2.01	537.0	668	3.50	1.88	537.0
	670	3.78	2.03	537.0	695	6.23	1.85	296.0	696	5.74	1.70	296.0
	697	6.26	1.85	296.0	698	5.75	1.70	296.0	699	6.36	1.88	296.0
	700	5.85	1.73	296.0	701	6.50	1.92	296.0	702	5.96	1.76	296.0
	703	6.49	1.92	296.0	704	5.94	1.76	296.0	745	0.71	0.17	240.0
	746	0.66	0.04	56.7	747	0.72	0.12	166.0	748	1.11	0.08	70.8
	749	0.89	0.15	166.0	750	1.74	0.25	146.0	751	1.39	0.26	186.0
	752	1.21	0.21	174.0	753	0.71	0.17	240.0	754	0.77	0.04	56.7
	755	0.72	0.12	166.0	756	0.98	0.07	70.8	757	0.85	0.14	166.0
	758	1.38	0.20	146.0	759	1.33	0.25	186.0	760	1.20	0.21	174.0
	761	0.72	0.17	240.0	762	1.00	0.06	56.7	763	0.74	0.12	166.0
	764	0.91	0.06	70.8	765	0.87	0.14	166.0	766	1.36	0.20	146.0
	767	1.71	0.32	186.0	768	2.95	0.51	174.0	769	0.72	0.17	240.0
	770	0.91	0.05	56.7	771	0.74	0.12	166.0	772	0.72	0.05	70.8
	773	0.90	0.15	166.0	774	1.71	0.25	146.0	775	1.75	0.33	186.0
	776	2.94	0.51	174.0	811	1.01	0.11	109.3	836	1.17	0.13	109.3
	837	2.60	0.25	95.2	838	2.13	0.20	95.2	839	0.76	0.08	109.3
	840	1.42	0.13	95.2	841	0.86	0.09	109.3	842	1.74	0.17	95.2
	875	1.31	0.31	240.0	876	1.09	0.07	61.4	877	1.14	0.14	126.8
	878	9.60	0.10	10.8	879	0.82	0.14	166.0	880	6.49	0.88	136.0
	881	2.03	0.40	196.0	882	1.90	0.33	174.0	883	1.30	0.31	240.0
	884	1.16	0.07	61.4	885	1.20	0.15	126.8	886	6.31	0.07	10.8
	887	0.56	0.09	166.0	888	3.70	0.50	136.0	889	1.59	0.31	196.0
	890	1.51	0.26	174.0	891	1.32	0.32	240.0	892	1.44	0.09	61.4
	893	1.48	0.19	126.8	894	5.57	0.06	10.8	895	0.52	0.09	166.0
	896	3.76	0.51	136.0	897	1.84	0.36	196.0	898	1.67	0.29	174.0
	899	1.32	0.32	240.0	900	1.30	0.08	61.4	901	1.59	0.20	126.8
	902	8.46	0.09	10.8	903	0.83	0.14	166.0	904	6.55	0.89	136.0
	905	2.24	0.44	196.0	906	2.04	0.35	174.0	941	1.42	0.15	104.6
	960	1.55	0.16	104.6	961	6.83	1.06	155.2	962	4.71	0.73	155.2
	963	1.32	0.14	104.6	964	4.77	0.74	155.2	965	1.40	0.15	104.6
	966	6.90	1.07	155.2	1004	1.22	0.61	496.0	1005	1.13	0.56	496.0
	1009	131.77	2.64	20.0	1010	126.28	2.53	20.0	1081	0.64	3.21e-03	5.0
	1082	1.05	5.23e-03	5.0	1084	1.69	0.48	285.0	1085	2.01	0.57	285.0
	1088	3.43	0.94	275.0	1089	3.36	0.93	275.0	1090	3.43	0.94	275.0
	1091	3.38	0.93	275.0	1092	3.18	0.88	275.0	1093	3.29	0.90	275.0
	1094	3.19	0.88	275.0	1095	3.31	0.91	275.0	1096	2.47	0.90	365.0
	1097	2.24	0.82	365.0	1098	2.46	0.90	365.0	1099	2.26	0.82	365.0
	1119	9.51	0.37	39.2	1120	6.44	0.25	39.2	1121	5.42	0.21	39.2
	1122	8.08	0.32	39.2	1123	1.71	0.48	280.0	1124	2.02	0.57	280.0
440	633	0.37	0.08	230.0	634	0.40	0.09	230.0	636	0.61	0.14	230.0
	637	0.71	0.16	230.0	639	0.91	0.21	230.0	640	0.98	0.23	230.0
	642	1.03	0.24	230.0	643	1.11	0.26	230.0	645	1.32	0.30	230.0
	646	1.27	0.29	230.0	648	0.66	0.36	537.0	650	0.78	0.42	537.0
	652	0.88	0.47	537.0	654	0.83	0.45	537.0	656	0.93	0.50	537.0
	658	0.90	0.49	537.0	660	1.06	0.57	537.0	662	1.07	0.57	537.0
	664	1.21	0.65	537.0	666	1.27	0.68	537.0	668	1.26	0.68	537.0
	670	1.24	0.66	537.0	695	5.22	1.55	296.0	696	4.13	1.22	296.0
	697	5.42	1.61	296.0	698	4.32	1.28	296.0	699	5.67	1.68	296.0
	700	4.56	1.35	296.0	701	5.84	1.73	296.0	702	4.72	1.40	296.0
	703	5.97	1.77	296.0	704	4.88	1.44	296.0	745	0.90	0.22	240.0
	746	0.49	0.03	56.7	747	0.93	0.15	166.0	748	0.52	0.04	70.8
	749	1.26	0.21	166.0	750	1.12	0.16	146.0	751	1.93	0.36	186.0
	752	1.71	0.30	174.0	753	0.88	0.21	240.0	754	0.66	0.04	56.7
	755	0.92	0.15	166.0	756	0.52	0.04	70.8	757	1.18	0.20	166.0
	758	0.79	0.12	146.0	759	1.42	0.26	186.0	760	1.23	0.21	174.0
	761	0.88	0.21	240.0	762	1.20	0.07	56.7	763	0.93	0.15	166.0
	764	1.17	0.08	70.8	765	1.18	0.20	166.0	766	0.79	0.12	146.0
	767	1.46	0.27	186.0	768	4.95	0.86	174.0	769	0.89	0.21	240.0
	770	1.24	0.07	56.7	771	0.93	0.15	166.0	772	1.12	0.08	70.8
	773	1.25	0.21	166.0	774	1.09	0.16	146.0	775	1.96	0.37	186.0
	776	5.11	0.89	174.0	811	1.40	0.15	109.3	836	1.59	0.17	109.3
	837	3.14	0.30	95.2	838	2.64	0.25	95.2	839	1.06	0.12	109.3
	840	1.84	0.18	95.2	841	1.16	0.13	109.3	842	2.16	0.21	95.2
	875	0.66	0.16	240.0	876	0.87	0.05	61.4	877	0.89	0.11	126.8

Firmato digitalmente da: Cogliati Massimo
Firmato il 30/12/2024 18:24
Serial#: 2f02f35
Trust Service Provider: ArubaPEC S.p.A. NG CA 3 Qualified Electronic Signature CA

	878	8.43	0.09	10.8	879	1.96	0.33	166.0	880	4.26	0.58	136.0
	881	1.04	0.20	196.0	882	0.99	0.17	174.0	883	0.67	0.16	240.0
	884	0.93	0.06	61.4	885	0.90	0.11	126.8	886	5.29	0.06	10.8
	887	1.38	0.23	166.0	888	1.14	0.16	136.0	889	1.00	0.20	196.0
	890	0.95	0.17	174.0	891	0.67	0.16	240.0	892	0.93	0.06	61.4
	893	0.73	0.09	126.8	894	4.54	0.05	10.8	895	1.32	0.22	166.0
	896	1.15	0.16	136.0	897	1.46	0.29	196.0	898	1.29	0.22	174.0
	899	0.66	0.16	240.0	900	0.70	0.04	61.4	901	0.72	0.09	126.8
	902	7.32	0.08	10.8	903	1.94	0.32	166.0	904	4.29	0.58	136.0
	905	1.49	0.29	196.0	906	1.34	0.23	174.0	941	0.69	0.07	104.6
	960	0.75	0.08	104.6	961	5.86	0.91	155.2	962	3.56	0.55	155.2
	963	0.79	0.08	104.6	964	3.59	0.56	155.2	965	0.76	0.08	104.6
	966	5.92	0.92	155.2	1004	1.58	0.78	496.0	1005	1.44	0.71	496.0
	1009	15.39	0.31	20.0	1010	15.03	0.30	20.0	1081	0.88	4.41e-03	5.0
	1082	1.07	5.34e-03	5.0	1084	1.06	0.30	285.0	1085	1.12	0.32	285.0
	1088	1.49	0.41	275.0	1089	1.42	0.39	275.0	1090	1.50	0.41	275.0
	1091	1.40	0.39	275.0	1092	1.28	0.35	275.0	1093	1.50	0.41	275.0
	1094	1.39	0.38	275.0	1095	1.49	0.41	275.0	1096	1.26	0.46	365.0
	1097	1.42	0.52	365.0	1098	1.27	0.47	365.0	1099	1.43	0.52	365.0
	1119	1.93	0.08	39.2	1120	4.53	0.18	39.2	1121	3.47	0.14	39.2
	1122	1.51	0.06	39.2	1123	1.09	0.31	280.0	1124	1.15	0.32	280.0
441	633	0.83	0.19	230.0	634	0.73	0.17	230.0	636	0.94	0.22	230.0
	637	0.81	0.19	230.0	639	1.03	0.24	230.0	640	0.90	0.21	230.0
	642	1.06	0.24	230.0	643	0.87	0.20	230.0	645	1.26	0.29	230.0
	646	0.94	0.22	230.0	648	2.94	1.58	537.0	650	3.16	1.70	537.0
	652	3.41	1.83	537.0	654	3.53	1.90	537.0	656	3.55	1.91	537.0
	658	3.65	1.96	537.0	660	3.66	1.96	537.0	662	3.75	2.02	537.0
	664	3.79	2.03	537.0	666	3.85	2.07	537.0	668	3.83	2.06	537.0
	670	3.90	2.09	537.0	695	6.16	1.82	296.0	696	5.48	1.62	296.0
	697	6.24	1.85	296.0	698	5.58	1.65	296.0	699	6.40	1.90	296.0
	700	5.75	1.70	296.0	701	6.56	1.94	296.0	702	5.94	1.76	296.0
	703	6.60	1.96	296.0	704	6.02	1.78	296.0	745	0.52	0.12	240.0
	746	0.60	0.03	56.7	747	0.51	0.09	166.0	748	1.05	0.07	70.8
	749	0.72	0.12	166.0	750	1.70	0.25	146.0	751	1.31	0.24	186.0
	752	1.10	0.19	174.0	753	0.50	0.12	240.0	754	0.43	0.02	56.7
	755	0.51	0.08	166.0	756	0.80	0.06	70.8	757	0.66	0.11	166.0
	758	1.33	0.19	146.0	759	0.85	0.16	186.0	760	0.68	0.12	174.0
	761	0.52	0.12	240.0	762	0.63	0.04	56.7	763	0.50	0.08	166.0
	764	0.51	0.04	70.8	765	0.66	0.11	166.0	766	1.32	0.19	146.0
	767	0.90	0.17	186.0	768	4.74	0.82	174.0	769	0.54	0.13	240.0
	770	0.82	0.05	56.7	771	0.51	0.08	166.0	772	0.73	0.05	70.8
	773	0.72	0.12	166.0	774	1.70	0.25	146.0	775	1.33	0.25	186.0
	776	4.81	0.84	174.0	811	0.90	0.10	109.3	836	1.01	0.11	109.3
	837	2.52	0.24	95.2	838	2.05	0.19	95.2	839	0.68	0.07	109.3
	840	1.31	0.13	95.2	841	0.65	0.07	109.3	842	1.51	0.14	95.2
	875	1.36	0.33	240.0	876	1.20	0.07	61.4	877	1.22	0.15	126.8
	878	9.60	0.10	10.8	879	1.04	0.17	166.0	880	6.50	0.88	136.0
	881	1.82	0.36	196.0	882	1.72	0.30	174.0	883	1.36	0.33	240.0
	884	1.16	0.07	61.4	885	1.22	0.15	126.8	886	6.50	0.07	10.8
	887	0.78	0.13	166.0	888	3.68	0.50	136.0	889	2.02	0.40	196.0
	890	1.91	0.33	174.0	891	1.37	0.33	240.0	892	1.31	0.08	61.4
	893	1.51	0.19	126.8	894	5.79	0.06	10.8	895	0.74	0.12	166.0
	896	3.73	0.51	136.0	897	2.33	0.46	196.0	898	2.13	0.37	174.0
	899	1.37	0.33	240.0	900	1.43	0.09	61.4	901	1.59	0.20	126.8
	902	8.44	0.09	10.8	903	0.97	0.16	166.0	904	6.56	0.89	136.0
	905	2.16	0.42	196.0	906	1.95	0.34	174.0	941	1.54	0.16	104.6
	960	1.49	0.16	104.6	961	7.04	1.09	155.2	962	4.73	0.73	155.2
	963	1.41	0.15	104.6	964	4.76	0.74	155.2	965	1.40	0.15	104.6
	966	7.11	1.10	155.2	1004	1.02	0.51	496.0	1005	0.91	0.45	496.0
	1009	132.04	2.64	20.0	1010	123.84	2.48	20.0	1081	0.68	3.42e-03	5.0
	1082	0.34	1.72e-03	5.0	1084	0.49	0.14	285.0	1085	0.59	0.17	285.0
	1088	0.76	0.21	275.0	1089	1.13	0.31	275.0	1090	0.72	0.20	275.0
	1091	1.13	0.31	275.0	1092	0.99	0.27	275.0	1093	0.88	0.24	275.0
	1094	0.96	0.27	275.0	1095	0.99	0.27	275.0	1096	0.80	0.29	365.0
	1097	0.79	0.29	365.0	1098	0.81	0.29	365.0	1099	0.81	0.29	365.0
	1119	9.52	0.37	39.2	1120	6.63	0.26	39.2	1121	5.68	0.22	39.2
	1122	8.06	0.32	39.2	1123	0.52	0.14	280.0	1124	0.63	0.18	280.0
442	633	1.24	0.29	230.0	634	1.10	0.25	230.0	636	1.14	0.26	230.0

Firmato digitalmente da: Fiorini Massimo
Firmato il 01/10/2024 18:24
Serial Certificato: 2e02e55
Valido dal 01/09/2023 al 01/09/2024
Qualified Electronic Signature

	637	0.99	0.23	230.0	639	1.08	0.25	230.0	640	0.93	0.21	230.0
	642	1.09	0.25	230.0	643	0.92	0.21	230.0	645	1.00	0.23	230.0
	646	0.88	0.20	230.0	648	1.09	0.58	537.0	650	0.68	0.37	537.0
	652	0.74	0.40	537.0	654	0.58	0.31	537.0	656	0.73	0.39	537.0
	658	0.58	0.31	537.0	660	0.70	0.38	537.0	662	0.58	0.31	537.0
	664	0.78	0.42	537.0	666	0.64	0.35	537.0	668	0.66	0.35	537.0
	670	0.65	0.35	537.0	695	5.13	1.52	296.0	696	4.62	1.37	296.0
	697	5.24	1.55	296.0	698	4.72	1.40	296.0	699	5.41	1.60	296.0
	700	4.89	1.45	296.0	701	5.51	1.63	296.0	702	4.99	1.48	296.0
	703	5.57	1.65	296.0	704	5.04	1.49	296.0	745	1.03	0.25	240.0
	746	0.81	0.05	56.7	747	1.05	0.18	166.0	748	0.79	0.06	70.8
	749	1.36	0.23	166.0	750	1.20	0.17	146.0	751	1.93	0.36	186.0
	752	1.72	0.30	174.0	753	1.02	0.24	240.0	754	0.72	0.04	56.7
	755	1.06	0.18	166.0	756	0.63	0.04	70.8	757	1.31	0.22	166.0
	758	0.87	0.13	146.0	759	1.88	0.35	186.0	760	1.71	0.30	174.0
	761	1.03	0.25	240.0	762	1.24	0.07	56.7	763	1.05	0.17	166.0
	764	1.13	0.08	70.8	765	1.31	0.22	166.0	766	0.80	0.12	146.0
	767	2.20	0.41	186.0	768	3.01	0.52	174.0	769	1.04	0.25	240.0
	770	1.37	0.08	56.7	771	1.07	0.18	166.0	772	1.29	0.09	70.8
	773	1.37	0.23	166.0	774	1.15	0.17	146.0	775	2.23	0.41	186.0
	776	3.04	0.53	174.0	811	1.54	0.17	109.3	836	1.64	0.18	109.3
	837	3.18	0.30	95.2	838	2.74	0.26	95.2	839	1.28	0.14	109.3
	840	2.05	0.20	95.2	841	1.27	0.14	109.3	842	2.21	0.21	95.2
	875	0.55	0.13	240.0	876	0.86	0.05	61.4	877	0.84	0.11	126.8
	878	8.40	0.09	10.8	879	1.94	0.32	166.0	880	4.06	0.55	136.0
	881	0.79	0.16	196.0	882	0.73	0.13	174.0	883	0.55	0.13	240.0
	884	0.78	0.05	61.4	885	0.78	0.10	126.8	886	5.14	0.06	10.8
	887	1.27	0.21	166.0	888	1.36	0.18	136.0	889	0.84	0.16	196.0
	890	0.82	0.14	174.0	891	0.57	0.14	240.0	892	0.55	0.03	61.4
	893	0.63	0.08	126.8	894	4.45	0.05	10.8	895	1.28	0.21	166.0
	896	1.38	0.19	136.0	897	1.18	0.23	196.0	898	1.08	0.19	174.0
	899	0.58	0.14	240.0	900	0.77	0.05	61.4	901	0.58	0.07	126.8
	902	7.25	0.08	10.8	903	1.93	0.32	166.0	904	4.09	0.56	136.0
	905	1.14	0.22	196.0	906	0.99	0.17	174.0	941	0.67	0.07	104.6
	960	0.56	0.06	104.6	961	5.65	0.88	155.2	962	3.55	0.55	155.2
	963	0.72	0.08	104.6	964	3.60	0.56	155.2	965	0.70	0.07	104.6
	966	5.72	0.89	155.2	1004	1.70	0.84	496.0	1005	1.61	0.80	496.0
	1009	23.70	0.47	20.0	1010	23.57	0.47	20.0	1081	1.32	6.59e-03	5.0
	1082	1.06	5.32e-03	5.0	1084	2.19	0.62	285.0	1085	1.98	0.56	285.0
	1088	3.52	0.97	275.0	1089	3.62	1.00	275.0	1090	3.54	0.97	275.0
	1091	3.61	0.99	275.0	1092	3.43	0.94	275.0	1093	3.38	0.93	275.0
	1094	3.45	0.95	275.0	1095	3.38	0.93	275.0	1096	2.48	0.90	365.0
	1097	2.72	0.99	365.0	1098	2.50	0.91	365.0	1099	2.71	0.99	365.0
	1119	1.25	0.05	39.2	1120	4.62	0.18	39.2	1121	3.64	0.14	39.2
	1122	0.69	0.03	39.2	1123	2.21	0.62	280.0	1124	2.01	0.56	280.0
443	633	0.80	0.18	230.0	634	0.86	0.20	230.0	636	0.85	0.20	230.0
	637	0.99	0.23	230.0	639	0.91	0.21	230.0	640	1.06	0.24	230.0
	642	0.80	0.18	230.0	643	1.26	0.29	230.0	645	0.95	0.22	230.0
	646	1.16	0.27	230.0	648	3.14	1.69	537.0	650	2.91	1.56	537.0
	652	3.51	1.88	537.0	654	3.35	1.80	537.0	656	3.61	1.94	537.0
	658	3.42	1.84	537.0	660	3.69	1.98	537.0	662	3.51	1.89	537.0
	664	3.79	2.03	537.0	666	3.60	1.93	537.0	668	3.82	2.05	537.0
	670	3.64	1.96	537.0	695	5.43	1.61	296.0	696	5.96	1.77	296.0
	697	5.54	1.64	296.0	698	6.04	1.79	296.0	699	5.70	1.69	296.0
	700	6.20	1.84	296.0	701	5.91	1.75	296.0	702	6.36	1.88	296.0
	703	5.93	1.75	296.0	704	6.40	1.89	296.0	745	0.53	0.13	240.0
	746	0.46	0.03	56.7	747	0.54	0.09	166.0	748	0.82	0.06	70.8
	749	0.69	0.11	166.0	750	1.33	0.19	146.0	751	0.87	0.16	186.0
	752	0.71	0.12	174.0	753	0.55	0.13	240.0	754	0.63	0.04	56.7
	755	0.54	0.09	166.0	756	1.06	0.08	70.8	757	0.75	0.12	166.0
	758	1.70	0.25	146.0	759	1.38	0.26	186.0	760	1.17	0.20	174.0
	761	0.55	0.13	240.0	762	0.91	0.05	56.7	763	0.56	0.09	166.0
	764	0.80	0.06	70.8	765	0.75	0.12	166.0	766	1.70	0.25	146.0
	767	1.45	0.27	186.0	768	1.28	0.22	174.0	769	0.53	0.13	240.0
	770	0.70	0.04	56.7	771	0.56	0.09	166.0	772	0.57	0.04	70.8
	773	0.69	0.11	166.0	774	1.32	0.19	146.0	775	1.01	0.19	186.0
	776	0.88	0.15	174.0	811	1.02	0.11	109.3	836	0.92	0.10	109.3
	837	2.06	0.20	95.2	838	2.53	0.24	95.2	839	0.62	0.07	109.3

Firmato digitalmente da: Fogli Massimo
Firmato il 01/10/2024 18:24
Serial Certificato: 5ee2e55
Valido dal 01/09/2023 al 01/09/2026
Qualified Electronic Signature

	840	1.53	0.15	95.2	841	0.64	0.07	109.3	842	1.34	0.13	95.2
	875	1.36	0.33	240.0	876	1.16	0.07	61.4	877	1.23	0.16	126.8
	878	6.38	0.07	10.8	879	0.68	0.11	166.0	880	3.63	0.49	136.0
	881	1.95	0.38	196.0	882	1.85	0.32	174.0	883	1.37	0.33	240.0
	884	1.21	0.07	61.4	885	1.22	0.15	126.8	886	9.42	0.10	10.8
	887	0.95	0.16	166.0	888	6.31	0.86	136.0	889	1.85	0.36	196.0
	890	1.74	0.30	174.0	891	1.37	0.33	240.0	892	1.50	0.09	61.4
	893	1.60	0.20	126.8	894	8.28	0.09	10.8	895	0.87	0.14	166.0
	896	6.37	0.87	136.0	897	2.12	0.42	196.0	898	1.84	0.32	174.0
	899	1.36	0.33	240.0	900	1.35	0.08	61.4	901	1.54	0.19	126.8
	902	5.68	0.06	10.8	903	0.62	0.10	166.0	904	3.68	0.50	136.0
	905	2.20	0.43	196.0	906	1.93	0.34	174.0	941	1.53	0.16	104.6
	960	1.52	0.16	104.6	961	4.72	0.73	155.2	962	6.83	1.06	155.2
	963	1.42	0.15	104.6	964	6.90	1.07	155.2	965	1.37	0.14	104.6
	966	4.75	0.74	155.2	1004	0.92	0.46	496.0	1005	1.04	0.51	496.0
	1009	123.42	2.47	20.0	1010	127.52	2.55	20.0	1081	0.37	1.85e-03	5.0
	1082	0.72	3.61e-03	5.0	1084	0.57	0.16	285.0	1085	0.51	0.14	285.0
	1088	1.00	0.28	275.0	1089	0.66	0.18	275.0	1090	0.95	0.26	275.0
	1091	0.66	0.18	275.0	1092	1.08	0.30	275.0	1093	0.95	0.26	275.0
	1094	1.09	0.30	275.0	1095	0.95	0.26	275.0	1096	0.78	0.29	365.0
	1097	0.78	0.29	365.0	1098	0.79	0.29	365.0	1099	0.78	0.29	365.0
	1119	6.49	0.25	39.2	1120	9.29	0.36	39.2	1121	7.87	0.31	39.2
	1122	5.56	0.22	39.2	1123	0.61	0.17	280.0	1124	0.53	0.15	280.0
444	633	1.25	0.29	230.0	634	1.34	0.31	230.0	636	1.04	0.24	230.0
	637	1.19	0.27	230.0	639	0.91	0.21	230.0	640	1.06	0.24	230.0
	642	0.90	0.21	230.0	643	0.84	0.19	230.0	645	0.83	0.19	230.0
	646	0.88	0.20	230.0	648	0.65	0.35	537.0	650	0.95	0.51	537.0
	652	0.57	0.31	537.0	654	0.77	0.41	537.0	656	0.52	0.28	537.0
	658	0.74	0.40	537.0	660	0.47	0.25	537.0	662	0.67	0.36	537.0
	664	0.45	0.24	537.0	666	0.66	0.35	537.0	668	0.48	0.26	537.0
	670	0.52	0.28	537.0	695	4.32	1.28	296.0	696	5.21	1.54	296.0
	697	4.39	1.30	296.0	698	5.28	1.56	296.0	699	4.51	1.34	296.0
	700	5.43	1.61	296.0	701	4.56	1.35	296.0	702	5.53	1.64	296.0
	703	4.63	1.37	296.0	704	5.59	1.66	296.0	745	1.06	0.26	240.0
	746	0.76	0.04	56.7	747	1.09	0.18	166.0	748	0.68	0.05	70.8
	749	1.34	0.22	166.0	750	0.88	0.13	146.0	751	1.99	0.37	186.0
	752	1.81	0.31	174.0	753	1.07	0.26	240.0	754	0.86	0.05	56.7
	755	1.09	0.18	166.0	756	0.83	0.06	70.8	757	1.39	0.23	166.0
	758	1.21	0.18	146.0	759	1.98	0.37	186.0	760	1.76	0.31	174.0
	761	1.07	0.26	240.0	762	1.44	0.08	56.7	763	1.11	0.18	166.0
	764	1.34	0.10	70.8	765	1.40	0.23	166.0	766	1.16	0.17	146.0
	767	2.37	0.44	186.0	768	2.06	0.36	174.0	769	1.06	0.25	240.0
	770	1.30	0.07	56.7	771	1.10	0.18	166.0	772	1.17	0.08	70.8
	773	1.35	0.22	166.0	774	0.81	0.12	146.0	775	2.40	0.45	186.0
	776	2.11	0.37	174.0	811	1.66	0.18	109.3	836	1.57	0.17	109.3
	837	2.76	0.26	95.2	838	3.19	0.30	95.2	839	1.28	0.14	109.3
	840	2.25	0.21	95.2	841	1.28	0.14	109.3	842	2.09	0.20	95.2
	875	0.53	0.13	240.0	876	0.77	0.05	61.4	877	0.77	0.10	126.8
	878	5.07	0.05	10.8	879	1.23	0.20	166.0	880	1.17	0.16	136.0
	881	0.72	0.14	196.0	882	0.71	0.12	174.0	883	0.53	0.13	240.0
	884	0.85	0.05	61.4	885	0.82	0.10	126.8	886	8.18	0.09	10.8
	887	1.89	0.31	166.0	888	3.97	0.54	136.0	889	0.68	0.13	196.0
	890	0.63	0.11	174.0	891	0.54	0.13	240.0	892	0.81	0.05	61.4
	893	0.59	0.07	126.8	894	7.05	0.08	10.8	895	1.88	0.31	166.0
	896	4.00	0.54	136.0	897	0.92	0.18	196.0	898	3.21	0.56	174.0
	899	0.53	0.13	240.0	900	0.59	0.04	61.4	901	0.64	0.08	126.8
	902	4.38	0.05	10.8	903	1.25	0.21	166.0	904	1.19	0.16	136.0
	905	0.96	0.19	196.0	906	3.25	0.57	174.0	941	0.55	0.06	104.6
	960	0.63	0.07	104.6	961	3.43	0.53	155.2	962	5.59	0.87	155.2
	963	0.68	0.07	104.6	964	5.66	0.88	155.2	965	0.66	0.07	104.6
	966	3.47	0.54	155.2	1004	1.64	0.82	496.0	1005	1.73	0.86	496.0
	1009	26.39	0.53	20.0	1010	25.74	0.51	20.0	1081	1.10	5.48e-03	5.0
	1082	1.36	6.79e-03	5.0	1084	2.08	0.59	285.0	1085	2.29	0.65	285.0
	1088	3.91	1.07	275.0	1089	3.80	1.05	275.0	1090	3.90	1.07	275.0
	1091	3.83	1.05	275.0	1092	3.65	1.00	275.0	1093	3.70	1.02	275.0
	1094	3.63	1.00	275.0	1095	3.70	1.02	275.0	1096	2.89	1.05	365.0
	1097	2.64	0.96	365.0	1098	2.89	1.05	365.0	1099	2.67	0.98	365.0
	1119	4.71	0.18	39.2	1120	1.52	0.06	39.2	1121	0.38	0.01	39.2

Firmato digitalmente da: Fogli Massimo
Firmato il 01/03/2024 18:24
Serial Certificato: 2e0285
Valido dal 01/09/2023 al
Qualified Electronic

	1122	3.74	0.15	39.2	1123	2.12	0.59	280.0	1124	2.33	0.65	280.0
445	633	1.49	0.34	230.0	634	1.41	0.33	230.0	636	1.28	0.30	230.0
	637	1.20	0.28	230.0	639	1.05	0.24	230.0	640	0.96	0.22	230.0
	642	0.96	0.22	230.0	643	0.58	0.13	230.0	645	0.70	0.16	230.0
	646	0.45	0.10	230.0	648	3.14	1.69	537.0	650	3.02	1.62	537.0
	652	3.55	1.91	537.0	654	3.31	1.78	537.0	656	3.63	1.95	537.0
	658	3.41	1.83	537.0	660	3.68	1.98	537.0	662	3.46	1.86	537.0
	664	3.74	2.01	537.0	666	3.54	1.90	537.0	668	3.77	2.03	537.0
	670	3.56	1.91	537.0	695	5.53	1.64	296.0	696	6.28	1.86	296.0
	697	5.52	1.63	296.0	698	6.27	1.86	296.0	699	5.60	1.66	296.0
	700	6.35	1.88	296.0	701	5.69	1.68	296.0	702	6.46	1.91	296.0
	703	5.71	1.69	296.0	704	6.45	1.91	296.0	745	0.77	0.19	240.0
	746	0.83	0.05	56.7	747	0.77	0.13	166.0	748	1.02	0.07	70.8
	749	0.91	0.15	166.0	750	1.39	0.20	146.0	751	1.45	0.27	186.0
	752	1.31	0.23	174.0	753	0.77	0.18	240.0	754	0.71	0.04	56.7
	755	0.77	0.13	166.0	756	1.15	0.08	70.8	757	0.94	0.16	166.0
	758	1.75	0.26	146.0	759	1.46	0.27	186.0	760	1.28	0.22	174.0
	761	0.80	0.19	240.0	762	0.89	0.05	56.7	763	0.77	0.13	166.0
	764	0.71	0.05	70.8	765	0.96	0.16	166.0	766	1.72	0.25	146.0
	767	1.94	0.36	186.0	768	1.65	0.29	174.0	769	0.81	0.19	240.0
	770	0.99	0.06	56.7	771	0.79	0.13	166.0	772	0.90	0.06	70.8
	773	0.93	0.15	166.0	774	1.36	0.20	146.0	775	1.93	0.36	186.0
	776	1.66	0.29	174.0	811	1.21	0.13	109.3	836	1.05	0.12	109.3
	837	2.16	0.21	95.2	838	2.62	0.25	95.2	839	1.01	0.11	109.3
	840	1.80	0.17	95.2	841	0.88	0.10	109.3	842	1.48	0.14	95.2
	875	1.29	0.31	240.0	876	1.14	0.07	61.4	877	1.18	0.15	126.8
	878	6.25	0.07	10.8	879	0.61	0.10	166.0	880	3.65	0.50	136.0
	881	1.60	0.31	196.0	882	1.50	0.26	174.0	883	1.30	0.31	240.0
	884	1.07	0.07	61.4	885	1.13	0.14	126.8	886	9.39	0.10	10.8
	887	0.83	0.14	166.0	888	6.33	0.86	136.0	889	1.95	0.38	196.0
	890	1.84	0.32	174.0	891	1.32	0.32	240.0	892	1.26	0.08	61.4
	893	1.55	0.20	126.8	894	8.27	0.09	10.8	895	0.86	0.14	166.0
	896	6.39	0.87	136.0	897	2.10	0.41	196.0	898	3.73	0.65	174.0
	899	1.31	0.31	240.0	900	1.38	0.08	61.4	901	1.45	0.18	126.8
	902	5.52	0.06	10.8	903	0.62	0.10	166.0	904	3.70	0.50	136.0
	905	1.76	0.35	196.0	906	3.55	0.62	174.0	941	1.50	0.16	104.6
	960	1.42	0.15	104.6	961	4.61	0.71	155.2	962	6.79	1.05	155.2
	963	1.36	0.14	104.6	964	6.86	1.06	155.2	965	1.34	0.14	104.6
	966	4.66	0.72	155.2	1004	1.17	0.58	496.0	1005	1.27	0.63	496.0
	1009	123.35	2.47	20.0	1010	134.01	2.68	20.0	1081	1.11	5.55e-03	5.0
	1082	0.70	3.51e-03	5.0	1084	2.13	0.61	285.0	1085	1.81	0.52	280.0
	1088	3.68	1.01	275.0	1089	3.74	1.03	275.0	1090	3.69	1.01	275.0
	1091	3.74	1.03	275.0	1092	3.58	0.99	275.0	1093	3.48	0.96	275.0
	1094	3.58	0.98	275.0	1095	3.46	0.95	275.0	1096	2.43	0.89	365.0
	1097	2.66	0.97	365.0	1098	2.46	0.90	365.0	1099	2.67	0.97	365.0
	1119	6.37	0.25	39.2	1120	9.25	0.36	39.2	1121	7.87	0.31	39.2
	1122	5.37	0.21	39.2	1123	2.16	0.61	280.0	1124	1.85	0.52	280.0
446	633	0.59	0.14	230.0	634	0.44	0.10	230.0	636	0.77	0.18	230.0
	637	0.67	0.15	230.0	639	0.97	0.22	230.0	640	0.90	0.21	230.0
	642	1.00	0.23	230.0	643	1.16	0.27	230.0	645	1.24	0.29	230.0
	646	1.19	0.27	230.0	648	0.87	0.47	537.0	650	0.80	0.43	537.0
	652	0.90	0.48	537.0	654	0.89	0.48	537.0	656	0.95	0.51	537.0
	658	0.91	0.49	537.0	660	1.04	0.56	537.0	662	1.01	0.54	537.0
	664	1.19	0.64	537.0	666	1.08	0.58	537.0	668	1.12	0.60	537.0
	670	1.13	0.61	537.0	695	4.21	1.25	296.0	696	4.81	1.42	296.0
	697	4.40	1.30	296.0	698	5.01	1.48	296.0	699	4.64	1.37	296.0
	700	5.24	1.55	296.0	701	4.83	1.43	296.0	702	5.39	1.60	296.0
	703	4.92	1.46	296.0	704	5.51	1.63	296.0	745	0.90	0.22	240.0
	746	0.69	0.04	56.7	747	0.94	0.16	166.0	748	0.56	0.04	70.8
	749	1.20	0.20	166.0	750	0.81	0.12	146.0	751	1.44	0.27	186.0
	752	1.25	0.22	174.0	753	0.93	0.22	240.0	754	0.52	0.03	56.7
	755	0.95	0.16	166.0	756	0.56	0.04	70.8	757	1.27	0.21	166.0
	758	1.13	0.17	146.0	759	2.00	0.37	186.0	760	1.78	0.31	174.0
	761	0.93	0.22	240.0	762	1.24	0.07	56.7	763	0.95	0.16	166.0
	764	1.11	0.08	70.8	765	1.27	0.21	166.0	766	1.09	0.16	146.0
	767	2.08	0.39	186.0	768	1.87	0.32	174.0	769	0.90	0.22	240.0
	770	1.19	0.07	56.7	771	0.94	0.16	166.0	772	1.16	0.08	70.8
	773	1.19	0.20	166.0	774	0.80	0.12	146.0	775	1.54	0.29	186.0

Firmato digitalmente da: Bogani Massimo
Firmato il 01/08/2024 18:24
Serial Certificato: 2e2265
Valido dal 01/09/2023 al 01/09/2026
InfoCert Qualified Electronic Signature CA

	776	1.37	0.24	174.0	811	1.60	0.18	109.3	836	1.42	0.15	109.3
	837	2.64	0.25	95.2	838	3.15	0.30	95.2	839	1.21	0.13	109.3
	840	2.18	0.21	95.2	841	1.10	0.12	109.3	842	1.85	0.18	95.2
	875	0.67	0.16	240.0	876	0.94	0.06	61.4	877	0.90	0.11	126.8
	878	5.20	0.06	10.8	879	1.37	0.23	166.0	880	1.26	0.17	136.0
	881	0.93	0.18	196.0	882	0.90	0.16	174.0	883	0.67	0.16	240.0
	884	0.88	0.05	61.4	885	0.89	0.11	126.8	886	8.26	0.09	10.8
	887	1.95	0.32	166.0	888	3.88	0.53	136.0	889	0.97	0.19	196.0
	890	0.93	0.16	174.0	891	0.68	0.16	240.0	892	0.65	0.04	61.4
	893	0.70	0.09	126.8	894	7.18	0.08	10.8	895	1.93	0.32	166.0
	896	3.91	0.53	136.0	897	1.34	0.26	196.0	898	1.22	0.21	174.0
	899	0.69	0.17	240.0	900	0.86	0.05	61.4	901	0.71	0.09	126.8
	902	4.47	0.05	10.8	903	1.33	0.22	166.0	904	1.27	0.17	136.0
	905	1.31	0.26	196.0	906	1.22	0.21	174.0	941	0.75	0.08	104.6
	960	0.70	0.07	104.6	961	3.58	0.56	155.2	962	5.68	0.88	155.2
	963	0.78	0.08	104.6	964	5.74	0.89	155.2	965	0.83	0.09	104.6
	966	3.63	0.56	155.2	1004	1.45	0.72	496.0	1005	1.60	0.79	496.0
	1009	6.62	0.13	20.0	1010	5.71	0.11	20.0	1081	1.10	5.49e-03	5.0
	1082	0.89	4.47e-03	5.0	1084	1.12	0.32	285.0	1085	1.05	0.30	285.0
	1088	1.34	0.37	275.0	1089	1.36	0.37	275.0	1090	1.34	0.37	275.0
	1091	1.32	0.36	275.0	1092	1.47	0.40	275.0	1093	1.43	0.39	275.0
	1094	1.47	0.40	275.0	1095	1.44	0.40	275.0	1096	1.41	0.52	365.0
	1097	1.26	0.46	365.0	1098	1.41	0.52	365.0	1099	1.27	0.46	365.0
	1119	4.58	0.18	39.2	1120	2.15	0.08	39.2	1121	1.52	0.06	39.2
	1122	3.55	0.14	39.2	1123	1.16	0.32	280.0	1124	1.08	0.30	280.0
447	633	0.74	0.17	230.0	634	0.78	0.18	230.0	636	0.82	0.19	230.0
	637	0.94	0.22	230.0	639	0.92	0.21	230.0	640	1.06	0.24	230.0
	642	0.85	0.20	230.0	643	1.32	0.30	230.0	645	1.04	0.24	230.0
	646	1.26	0.29	230.0	648	3.15	1.69	537.0	650	2.93	1.57	537.0
	652	3.51	1.88	537.0	654	3.37	1.81	537.0	656	3.57	1.92	537.0
	658	3.46	1.86	537.0	660	3.68	1.97	537.0	662	3.57	1.91	537.0
	664	3.79	2.03	537.0	666	3.70	1.99	537.0	668	3.83	2.06	537.0
	670	3.74	2.01	537.0	695	5.33	1.58	296.0	696	6.06	1.79	296.0
	697	5.44	1.61	296.0	698	6.14	1.82	296.0	699	5.61	1.66	296.0
	700	6.30	1.86	296.0	701	5.85	1.73	296.0	702	6.46	1.91	296.0
	703	5.89	1.74	296.0	704	6.51	1.93	296.0	745	0.47	0.11	240.0
	746	0.42	0.02	56.7	747	0.50	0.08	166.0	748	0.80	0.06	70.8
	749	0.65	0.11	166.0	750	1.33	0.19	146.0	751	0.83	0.15	186.0
	752	0.66	0.12	174.0	753	0.48	0.12	240.0	754	0.59	0.03	56.7
	755	0.50	0.08	166.0	756	1.04	0.07	70.8	757	0.71	0.12	166.0
	758	1.70	0.25	146.0	759	1.30	0.24	186.0	760	1.09	0.19	174.0
	761	0.51	0.12	240.0	762	0.87	0.05	56.7	763	0.52	0.09	166.0
	764	0.77	0.05	70.8	765	0.71	0.12	166.0	766	1.70	0.25	146.0
	767	1.32	0.24	186.0	768	1.15	0.20	174.0	769	0.49	0.12	240.0
	770	0.67	0.04	56.7	771	0.51	0.08	166.0	772	0.54	0.04	70.8
	773	0.65	0.11	166.0	774	1.32	0.19	146.0	775	0.88	0.16	186.0
	776	0.75	0.13	174.0	811	1.00	0.11	109.3	836	0.89	0.10	109.3
	837	2.04	0.19	95.2	838	2.51	0.24	95.2	839	0.58	0.06	109.3
	840	1.50	0.14	95.2	841	0.60	0.07	109.3	842	1.30	0.12	95.2
	875	1.36	0.33	240.0	876	1.17	0.07	61.4	877	1.23	0.16	126.8
	878	6.41	0.07	10.8	879	0.71	0.12	166.0	880	3.62	0.49	136.0
	881	2.04	0.40	196.0	882	1.92	0.33	174.0	883	1.37	0.33	240.0
	884	1.21	0.07	61.4	885	1.23	0.16	126.8	886	9.41	0.10	10.8
	887	0.97	0.16	166.0	888	6.32	0.86	136.0	889	1.85	0.36	196.0
	890	1.75	0.30	174.0	891	1.38	0.33	240.0	892	1.50	0.09	61.4
	893	1.61	0.20	126.8	894	8.27	0.09	10.8	895	0.88	0.15	166.0
	896	6.38	0.87	136.0	897	2.20	0.43	196.0	898	1.72	0.30	174.0
	899	1.37	0.33	240.0	900	1.35	0.08	61.4	901	1.54	0.19	126.8
	902	5.72	0.06	10.8	903	0.63	0.11	166.0	904	3.66	0.50	136.0
	905	2.36	0.46	196.0	906	1.88	0.33	174.0	941	1.51	0.16	104.6
	960	1.56	0.16	104.6	961	4.66	0.72	155.2	962	6.91	1.07	155.2
	963	1.41	0.15	104.6	964	6.97	1.08	155.2	965	1.41	0.15	104.6
	966	4.69	0.73	155.2	1004	0.90	0.45	496.0	1005	1.01	0.50	496.0
	1009	121.61	2.43	20.0	1010	130.43	2.61	20.0	1081	0.33	1.67e-03	5.0
	1082	0.67	3.36e-03	5.0	1084	0.61	0.17	285.0	1085	0.48	0.14	285.0
	1088	1.23	0.34	275.0	1089	1.18	0.33	275.0	1090	1.24	0.34	275.0
	1091	1.10	0.30	275.0	1092	0.74	0.20	275.0	1093	1.09	0.30	275.0
	1094	0.80	0.22	275.0	1095	1.06	0.29	275.0	1096	0.81	0.30	365.0

Firmato digitalmente da: Pagani Massimo
Firmato il 07/05/2024 18:24
Serial Certificato: 2e2f35
Valido dal 07/09/2023 al 07/09/2026
Qualified Electronic Signature

	1097	0.85	0.31	365.0	1098	0.83	0.30	365.0	1099	0.86	0.31	365.0
	1119	6.53	0.26	39.2	1120	9.28	0.36	39.2	1121	7.86	0.31	39.2
	1122	5.59	0.22	39.2	1123	0.65	0.18	280.0	1124	0.51	0.14	280.0
448	633	1.11	0.26	230.0	634	1.21	0.28	230.0	636	0.97	0.22	230.0
	637	1.13	0.26	230.0	639	0.91	0.21	230.0	640	1.07	0.25	230.0
	642	0.95	0.22	230.0	643	0.88	0.20	230.0	645	0.90	0.21	230.0
	646	0.93	0.21	230.0	648	0.66	0.36	537.0	650	0.88	0.47	537.0
	652	0.57	0.31	537.0	654	0.70	0.38	537.0	656	0.54	0.29	537.0
	658	0.70	0.37	537.0	660	0.54	0.29	537.0	662	0.69	0.37	537.0
	664	0.60	0.32	537.0	666	0.76	0.41	537.0	668	0.62	0.33	537.0
	670	0.64	0.34	537.0	695	4.47	1.32	296.0	696	4.95	1.46	296.0
	697	4.58	1.36	296.0	698	5.04	1.49	296.0	699	4.74	1.40	296.0
	700	5.21	1.54	296.0	701	4.81	1.42	296.0	702	5.31	1.57	296.0
	703	4.89	1.45	296.0	704	5.37	1.59	296.0	745	1.02	0.25	240.0
	746	0.73	0.04	56.7	747	1.06	0.18	166.0	748	0.63	0.04	70.8
	749	1.31	0.22	166.0	750	0.87	0.13	146.0	751	1.89	0.35	186.0
	752	1.71	0.30	174.0	753	1.04	0.25	240.0	754	0.81	0.05	56.7
	755	1.06	0.18	166.0	756	0.80	0.06	70.8	757	1.36	0.23	166.0
	758	1.20	0.17	146.0	759	1.94	0.36	186.0	760	1.72	0.30	174.0
	761	1.04	0.25	240.0	762	1.41	0.08	56.7	763	1.08	0.18	166.0
	764	1.32	0.09	70.8	765	1.37	0.23	166.0	766	1.15	0.17	146.0
	767	2.24	0.42	186.0	768	1.94	0.34	174.0	769	1.02	0.24	240.0
	770	1.27	0.07	56.7	771	1.07	0.18	166.0	772	1.15	0.08	70.8
	773	1.31	0.22	166.0	774	0.80	0.12	146.0	775	2.21	0.41	186.0
	776	1.95	0.34	174.0	811	1.64	0.18	109.3	836	1.54	0.17	109.3
	837	2.74	0.26	95.2	838	3.18	0.30	95.2	839	1.25	0.14	109.3
	840	2.22	0.21	95.2	841	1.24	0.14	109.3	842	2.05	0.20	95.2
	875	0.53	0.13	240.0	876	0.77	0.05	61.4	877	0.77	0.10	126.8
	878	5.07	0.05	10.8	879	1.24	0.21	166.0	880	1.32	0.18	136.0
	881	0.81	0.16	196.0	882	0.79	0.14	174.0	883	0.54	0.13	240.0
	884	0.86	0.05	61.4	885	0.83	0.11	126.8	886	8.21	0.09	10.8
	887	1.90	0.32	166.0	888	3.84	0.52	136.0	889	0.77	0.15	196.0
	890	0.71	0.12	174.0	891	0.55	0.13	240.0	892	0.82	0.05	61.4
	893	0.60	0.08	126.8	894	7.08	0.08	10.8	895	1.89	0.31	166.0
	896	3.87	0.53	136.0	897	1.10	0.22	196.0	898	3.36	0.58	174.0
	899	0.54	0.13	240.0	900	0.60	0.04	61.4	901	0.65	0.08	126.8
	902	4.38	0.05	10.8	903	1.25	0.21	166.0	904	1.34	0.18	136.0
	905	1.14	0.22	196.0	906	3.40	0.59	174.0	941	0.55	0.06	104.6
	960	0.66	0.07	104.6	961	3.52	0.55	155.2	962	5.54	0.86	155.2
	963	0.67	0.07	104.6	964	5.61	0.87	155.2	965	0.69	0.07	104.6
	966	3.56	0.55	155.2	1004	1.62	0.80	496.0	1005	1.70	0.84	496.0
	1009	20.52	0.41	20.0	1010	20.07	0.40	20.0	1081	1.06	5.32e-03	15.0
	1082	1.32	6.58e-03	5.0	1084	2.00	0.57	285.0	1085	2.21	0.63	285.0
	1088	3.74	1.03	275.0	1089	3.64	1.00	275.0	1090	3.73	1.03	275.0
	1091	3.66	1.01	275.0	1092	3.48	0.96	275.0	1093	3.54	0.97	275.0
	1094	3.48	0.96	275.0	1095	3.56	0.98	275.0	1096	2.79	1.02	365.0
	1097	2.54	0.93	365.0	1098	2.77	1.01	365.0	1099	2.56	0.93	365.0
	1119	4.74	0.19	39.2	1120	1.57	0.06	39.2	1121	0.45	0.02	39.2
	1122	3.77	0.15	39.2	1123	2.03	0.57	280.0	1124	2.24	0.63	280.0
449	633	1.35	0.31	230.0	634	1.31	0.30	230.0	636	1.22	0.28	230.0
	637	1.15	0.26	230.0	639	1.05	0.24	230.0	640	0.97	0.22	230.0
	642	1.02	0.23	230.0	643	0.62	0.14	230.0	645	0.79	0.18	230.0
	646	0.52	0.12	230.0	648	3.12	1.68	537.0	650	2.99	1.60	537.0
	652	3.54	1.90	537.0	654	3.28	1.76	537.0	656	3.67	1.97	537.0
	658	3.37	1.81	537.0	660	3.73	2.00	537.0	662	3.44	1.85	537.0
	664	3.81	2.04	537.0	666	3.51	1.88	537.0	668	3.84	2.06	537.0
	670	3.53	1.90	537.0	695	5.58	1.65	296.0	696	6.13	1.82	296.0
	697	5.60	1.66	296.0	698	6.15	1.82	296.0	699	5.69	1.68	296.0
	700	6.25	1.85	296.0	701	5.78	1.71	296.0	702	6.38	1.89	296.0
	703	5.79	1.71	296.0	704	6.38	1.89	296.0	745	0.72	0.17	240.0
	746	0.78	0.04	56.7	747	0.73	0.12	166.0	748	0.99	0.07	70.8
	749	0.87	0.14	166.0	750	1.38	0.20	146.0	751	1.34	0.25	186.0
	752	1.21	0.21	174.0	753	0.72	0.17	240.0	754	0.67	0.04	56.7
	755	0.73	0.12	166.0	756	1.12	0.08	70.8	757	0.90	0.15	166.0
	758	1.74	0.25	146.0	759	1.40	0.26	186.0	760	1.22	0.21	174.0
	761	0.75	0.18	240.0	762	0.86	0.05	56.7	763	0.73	0.12	166.0
	764	0.68	0.05	70.8	765	0.92	0.15	166.0	766	1.71	0.25	146.0
	767	1.77	0.33	186.0	768	1.51	0.26	174.0	769	0.76	0.18	240.0

Firmato digitalmente da: Cogli Massimo
Firmato il 15/01/2024 18:24
Serial Certificato: 3ee2e55
Valido dal 01/09/2023 al 01/09/2026
InfoCert Qualified Electronic Signature CA

	770	0.95	0.05	56.7	771	0.74	0.12	166.0	772	0.87	0.06	70.8
	773	0.88	0.15	166.0	774	1.36	0.20	146.0	775	1.73	0.32	186.0
	776	1.49	0.26	174.0	811	1.18	0.13	109.3	836	1.02	0.11	109.3
	837	2.13	0.20	95.2	838	2.60	0.25	95.2	839	0.96	0.10	109.3
	840	1.75	0.17	95.2	841	0.83	0.09	109.3	842	1.43	0.14	95.2
	875	1.29	0.31	240.0	876	1.15	0.07	61.4	877	1.18	0.15	126.8
	878	6.24	0.07	10.8	879	0.64	0.11	166.0	880	3.65	0.50	136.0
	881	1.58	0.31	196.0	882	1.50	0.26	174.0	883	1.31	0.31	240.0
	884	1.08	0.07	61.4	885	1.13	0.14	126.8	886	9.42	0.10	10.8
	887	0.85	0.14	166.0	888	6.32	0.86	136.0	889	2.03	0.40	196.0
	890	1.91	0.33	174.0	891	1.32	0.32	240.0	892	1.27	0.08	61.4
	893	1.55	0.20	126.8	894	8.30	0.09	10.8	895	0.88	0.15	166.0
	896	6.38	0.87	136.0	897	2.23	0.44	196.0	898	3.87	0.67	174.0
	899	1.31	0.31	240.0	900	1.38	0.08	61.4	901	1.45	0.18	126.8
	902	5.52	0.06	10.8	903	0.63	0.10	166.0	904	3.71	0.50	136.0
	905	1.82	0.36	196.0	906	3.67	0.64	174.0	941	1.53	0.16	104.6
	960	1.39	0.15	104.6	961	4.69	0.73	155.2	962	6.73	1.05	155.2
	963	1.39	0.15	104.6	964	6.80	1.06	155.2	965	1.31	0.14	104.6
	966	4.75	0.74	155.2	1004	1.14	0.56	496.0	1005	1.23	0.61	496.0
	1009	124.42	2.49	20.0	1010	130.52	2.61	20.0	1081	1.06	5.29e-03	5.0
	1082	0.65	3.27e-03	5.0	1084	2.05	0.58	285.0	1085	1.73	0.49	285.0
	1088	3.50	0.96	275.0	1089	3.57	0.98	275.0	1090	3.52	0.97	275.0
	1091	3.57	0.98	275.0	1092	3.41	0.94	275.0	1093	3.30	0.91	275.0
	1094	3.43	0.94	275.0	1095	3.31	0.91	275.0	1096	2.32	0.85	365.0
	1097	2.55	0.93	365.0	1098	2.34	0.85	365.0	1099	2.54	0.93	365.0
	1119	6.36	0.25	39.2	1120	9.29	0.36	39.2	1121	7.90	0.31	39.2
	1122	5.36	0.21	39.2	1123	2.06	0.58	280.0	1124	1.75	0.49	280.0
450	633	0.46	0.10	230.0	634	0.31	0.07	230.0	636	0.71	0.16	230.0
	637	0.61	0.14	230.0	639	0.98	0.23	230.0	640	0.90	0.21	230.0
	642	1.05	0.24	230.0	643	1.22	0.28	230.0	645	1.32	0.30	230.0
	646	1.28	0.29	230.0	648	0.81	0.43	537.0	650	0.79	0.43	537.0
	652	0.85	0.46	537.0	654	0.88	0.47	537.0	656	0.94	0.51	537.0
	658	0.92	0.50	537.0	660	1.09	0.58	537.0	662	1.08	0.58	537.0
	664	1.31	0.71	537.0	666	1.23	0.66	537.0	668	1.26	0.68	537.0
	670	1.28	0.69	537.0	695	3.97	1.18	296.0	696	5.02	1.49	296.0
	697	4.16	1.23	296.0	698	5.22	1.54	296.0	699	4.41	1.30	296.0
	700	5.46	1.62	296.0	701	4.62	1.37	296.0	702	5.64	1.67	296.0
	703	4.72	1.40	296.0	704	5.77	1.71	296.0	745	0.87	0.21	240.0
	746	0.65	0.04	56.7	747	0.91	0.15	166.0	748	0.52	0.04	70.8
	749	1.18	0.20	166.0	750	0.79	0.12	146.0	751	1.41	0.26	186.0
	752	1.23	0.21	174.0	753	0.90	0.21	240.0	754	0.49	0.03	56.7
	755	0.92	0.15	166.0	756	0.52	0.04	70.8	757	1.25	0.21	166.0
	758	1.12	0.16	146.0	759	1.93	0.36	186.0	760	1.71	0.30	174.0
	761	0.90	0.21	240.0	762	1.22	0.07	56.7	763	0.92	0.15	166.0
	764	1.10	0.08	70.8	765	1.25	0.21	166.0	766	1.09	0.16	146.0
	767	1.95	0.36	186.0	768	1.75	0.30	174.0	769	0.88	0.21	240.0
	770	1.17	0.07	56.7	771	0.92	0.15	166.0	772	1.14	0.08	70.8
	773	1.17	0.19	166.0	774	0.79	0.12	146.0	775	1.45	0.27	186.0
	776	1.29	0.22	174.0	811	1.58	0.17	109.3	836	1.40	0.15	109.3
	837	2.63	0.25	95.2	838	3.14	0.30	95.2	839	1.18	0.13	109.3
	840	2.15	0.20	95.2	841	1.07	0.12	109.3	842	1.83	0.17	95.2
	875	0.68	0.16	240.0	876	0.95	0.06	61.4	877	0.91	0.11	126.8
	878	5.24	0.06	10.8	879	1.39	0.23	166.0	880	1.09	0.15	136.0
	881	1.02	0.20	196.0	882	0.97	0.17	174.0	883	0.68	0.16	240.0
	884	0.89	0.05	61.4	885	0.90	0.11	126.8	886	8.25	0.09	10.8
	887	1.96	0.32	166.0	888	4.01	0.55	136.0	889	1.05	0.21	196.0
	890	1.00	0.17	174.0	891	0.69	0.16	240.0	892	0.65	0.04	61.4
	893	0.70	0.09	126.8	894	7.17	0.08	10.8	895	1.93	0.32	166.0
	896	4.04	0.55	136.0	897	1.51	0.30	196.0	898	1.08	0.19	174.0
	899	0.70	0.17	240.0	900	0.87	0.05	61.4	901	0.72	0.09	126.8
	902	4.50	0.05	10.8	903	1.34	0.22	166.0	904	1.10	0.15	136.0
	905	1.49	0.29	196.0	906	1.08	0.19	174.0	941	0.76	0.08	104.6
	960	0.70	0.07	104.6	961	3.53	0.55	155.2	962	5.75	0.89	155.2
	963	0.80	0.08	104.6	964	5.81	0.90	155.2	965	0.82	0.09	104.6
	966	3.57	0.55	155.2	1004	1.44	0.71	496.0	1005	1.58	0.78	496.0
	1009	12.55	0.25	20.0	1010	11.44	0.23	20.0	1081	1.07	5.34e-03	5.0
	1082	0.88	4.40e-03	5.0	1084	1.12	0.32	285.0	1085	1.07	0.30	285.0
	1088	1.65	0.45	275.0	1089	1.56	0.43	275.0	1090	1.61	0.44	275.0

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1091	1.58	0.43	275.0	1092	1.57	0.43	275.0	1093	1.21	0.33	275.0
1094	1.55	0.43	275.0	1095	1.28	0.35	275.0	1096	1.45	0.53	365.0
1097	1.27	0.46	365.0	1098	1.46	0.53	365.0	1099	1.29	0.47	365.0
1119	4.60	0.18	39.2	1120	2.19	0.09	39.2	1121	1.59	0.06	39.2
1122	3.56	0.14	39.2	1123	1.15	0.32	280.0	1124	1.10	0.31	280.0

Cmb	**1000 etaT/h**
	156.19

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VERIFICHE PER ELEMENTI IN ACCIAIO

LEGENDA TABELLA VERIFICHE PER ELEMENTI IN ACCIAIO

Il programma consente la verifica dei seguenti tipi di elementi:
1. **aste** 2. **travi** 3. **pilastri**
L'esito delle verifiche è espresso con un codice come di seguito indicato
Ok: verifica con esito positivo
NV: verifica con esito negativo
Nr: verifica non richiesta.
Per comodità gli elementi vengono raggruppati in tabelle in relazione al tipo.

Ai fini delle verifiche (come da D.M. 14 Gennaio 2008 e circ. 2 Febbraio 2009 n.617) i tipi elementi differiscono per i seguenti aspetti:

Verifica		**Aste**	**Travi**	**Pilastri**
4.2.3.1	Classificazione	X	X	X
4.2.4.1.2	Trazione, Compressione	X	X	X
	Taglio, Torsione		X	X
	Flessione,taglio e forza assiale		X	X
4.2.4.1.3.1	Aste compresse	X	X	X
4.2.4.1.3.2	Instabilità flesso-torsionale		X	X
4.2.4.1.3.3	Membrature inflesse e compresse		X	X

Ai fini delle verifiche per strutture dissipative (come da D.M. 14 Gennaio 2008 e circ. 2 Febbraio 2009 n.617 per strutture intelaiate e a controventi concentrici) si considerano le verifiche del capitolo 4 con azioni amplificate e le verifiche del capitolo 7:

Verifica		**Travi**	**Pilastri**
4.2.4.1.2	Trazione, Compressione	X	X
	Taglio, Torsione		X
	Flessione,taglio e forza assiale	X	X
4.2.4.1.3.1	Aste compresse	X	X
4.2.4.1.3.2	Instabilità flesso-torsionale		X
4.2.4.1.3.3	Membrature inflesse e compresse	X	X
7.5.3	Sfruttamento per momento	X	
7.5.4	Sfruttamento per sforzo normale	X	
7.5.5	Sfruttamento per taglio da capacità flessionale	X	
7.5.9	Sfruttamento per taglio amplificato		X

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Viene inoltre riportata la verifica del par. 7.5.4.3 Gerarchia delle resistenze trave-colonna per ogni colonna, considerando piede e testa in entrambe le direzioni globali X e Y.

L' insieme delle verifiche sopra riportate è condotto sugli elementi purché dotati di sezione idonea come da tabella seguente:

	Azione	SEZIONI GENERICHE	PROFILI SEMPLICI	PROFILI ACCOPPIATI
4.2.3.1	Classificazione automatica	L, doppio T, C, rettangolare cava, circolare cava	Tutti	Da profilo semplice
4.2.3.1	Classificazione di default 2	Circolare		
4.2.3.1	Classificazione di default 3	restanti		
4.2.4.1.2	Trazione	si	si	si
4.2.4.1.2	Compressione	si	si	si
4.2.4.1.2	Taglio, Torsione	si	si	si
4.2.4.1.2	Flessione,taglio e forza assiale	si	si	si
4.2.4.1.3.1	Aste compresse	si	si	per elementi ravvicinati e a croce o coppie calastrellate
4.2.4.1.3.2	Travi inflesse	doppio T simmetrica	doppio T	no

Le verifiche sono riportate in tabelle con il significato sotto indicato; le verifiche sono espresse dal rapporto tra l' azione di progetto e la capacità ultima, pertanto la verifica ha esito positivo per rapporti non superiori all' unità.

Asta	**Trave**	**Pilastro**	numero dell'elemento

Stato	codice di verifica per resistenza, stabilità, svergolamento
Note	sezione e materiali adottati per l'elemento
V N	(ASTE) verifica come da par. 4.2.4.1.2 per punto (4.2.6) e (4.2.10)
V V/T	(TRAVI E PILASTRI) verifica di resistenza come da par. 4.2.4.1.2 per azioni taglio-torsione (4.2.17 e 4.2.29)
V N/M	(TRAVI E PILASTRI) verifica di resistenza come da par. 4.2.4.1.2 per azioni composte (4.2.34) con riduzione per taglio (4.2.41) ove richiesto
N M3 M2 V2 V3 T	sollecitazioni di interesse per la verifica
V stab	(ASTE) verifica come da par. 4.2.4.1.3 per punto (4.2.42)
V stab	(TRAVI E PILASTRI) verifica come da par. 4.2.4.1.3 per punti (C4.2.32) o (C4.2.36) (membrature inflesse e compresse senza/con presenza di instabilità flesso-torsionale
BetaxL B22xL B33xL	lunghezze libere di inflessione (se indicato riferiti al piano di normale 22 o 33 rispettivamente)
Snellezza	snellezza massima
Classe	classe del profilo
Chi mn	coefficiente di riduzione (della capacità) per la modalità di instabilità pertinente
Rif. cmb	combinazioni in cui si sono rispettivamente attinti i valori di verifica più elevati
V flst	(TRAVI E PILASTRI) verifica di stabilità come da par. 4.2.4.1.3.2 per punto (4.2.49)
B1-1 x L	Beta1-1 x L: interasse tra i ritegni torsionali
Chi LT	coefficiente di riduzione (della capacità) per la modalità di instabilità flesso-torsionale
Snell adim	Valore della snellezza adimensionale, utilizzato per il controllo previsto al par. 7.5.5
v.Omeg	Valore del rapporto capacità/domanda per l' azione di interesse (momento per travi e azione assiale per aste) utilizzato per l' amplificazione delle azioni
f.Om. N	Fattore di amplificazione delle azioni assiali per travi e colonne (prodotto di 1.1 x Omega x gamma rd materiale); utilizzato come specificato al par. 7.5.5
f.Om. T	Fattore di amplificazione delle azioni (assiali, flettenti e taglianti) per colonne (prodotto di 1.1 x Omega x gamma rd materiale); utilizzato come specificato al par. 7.5.4
V.7.5.3 M Ed	Verifica come prevista al punto 7.5.3 e valore dell' azione flettente
V.7.5.4 N Ed	Verifica come prevista al punto 7.5.4 e valore dell' azione assiale
V.7.5.5 V Ed,G V Ed,M	Verifica come prevista al punto 7.5.5 e valore dei tagli dovuti ai carichi e alla capacità
V.7.5.9 V Ed	Verifica come prevista al punto 7.5.9 e valore dell' azione di taglio
sovr. Xi (Xf, Yi, Yf)	Valore della sovraresistenza come prevista al par. 7.5.4.3 (i valori non sono normalizzati pertanto saranno maggiori uguali a gamma rd classe di duttilità)

Asta	Stato	Note	V N	N	V stab	N	Cl.	Beta x L	Snell.	LambDaS	Chi mn	v.Omeg	Rif. cmb
				kN		kN		cm					
1	oks=13,m=13		0.33	100.6			1	380.8	879.4	11.51	7.24e-03	0.0	42,0
2	oks=13,m=13		0.28	85.1			1	365.7	844.5	11.05	7.84e-03	0.0	380,0
3	oks=13,m=13		0.46	141.3			1	365.7	844.5	11.05	7.84e-03	0.0	381,0
4	oks=13,m=13		0.80	244.4			1	365.7	844.5	11.05	7.84e-03	0.0	386,0
5	oks=13,m=13		0.37	113.4			1	365.7	844.5	11.05	7.84e-03	0.0	383,0
6	oks=13,m=13		0.54	165.7			1	365.7	844.5	11.05	7.84e-03	0.0	386,0
7	oks=13,m=13		0.55	166.4			1	365.7	844.5	11.05	7.84e-03	0.0	381,0
8	oks=13,m=13		4.12e-03	1.3			1	380.8	879.4	11.51	7.24e-03	0.0	384,0
9	oks=13,m=13		0.81	247.9			1	365.7	844.5	11.05	7.84e-03	0.0	376,0
10	oks=13,m=13		0.47	142.0			1	365.7	844.5	11.05	7.84e-03	0.0	377,0
11	oks=13,m=13		0.29	87.1			1	365.7	844.5	11.05	7.84e-03	0.0	374,0
12	oks=13,m=13		0.34	102.4			1	380.8	879.4	11.51	7.24e-03	0.0	41,0
13	oks=13,m=13		5.86e-03	1.8			1	380.8	879.4	11.51	7.24e-03	0.0	378,0
14	oks=13,m=13		0.55	168.1			1	365.7	844.5	11.05	7.84e-03	0.0	371,0
15	oks=13,m=13		0.55	167.5			1	365.7	844.5	11.05	7.84e-03	0.0	376,0
16	oks=13,m=13		0.38	116.3			1	365.7	844.5	11.05	7.84e-03	0.0	377,0
17	oks=26,m=13		0.16	16.6			1	509.8	1019.5	13.34	5.42e-03	0.0	363,0
18	oks=26,m=13		0.15	16.4			1	509.8	1019.5	13.34	5.42e-03	0.0	369,0
19	oks=26,m=13		0.15	15.5			1	509.8	1019.5	13.34	5.42e-03	0.0	363,0
20	oks=26,m=13		0.14	15.3			1	509.8	1019.5	13.34	5.42e-03	0.0	369,0
21	oks=26,m=13		0.10	10.1			1	509.8	1019.5	13.34	5.42e-03	0.0	375,0
22	oks=26,m=13		0.09	10.0			1	509.8	1019.5	13.34	5.42e-03	0.0	385,0
23	oks=26,m=13		0.17	18.1			1	520.7	1041.5	13.63	5.20e-03	0.0	370,0
24	oks=26,m=13		0.17	18.1			1	520.7	1041.5	13.63	5.20e-03	0.0	364,0
25	oks=15,m=13		0.65	328.4			1	484.7	1119.5	14.65	4.51e-03	0.0	386,0
26	oks=15,m=13		0.32	163.9			1	484.7	1119.5	14.65	4.51e-03	0.0	383,0
27	oks=15,m=13		0.66	335.4			1	484.7	1119.5	14.65	4.51e-03	0.0	376,0
28	oks=15,m=13		0.33	169.8			1	484.7	1119.5	14.65	4.51e-03	0.0	377,0

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29	oks=15,m=13	0.97	493.6	1	483.9	1117.4	14.62	4.53e-03	0.0	385,0
30	oks=15,m=13	0.65	331.9	1	483.9	1117.4	14.62	4.53e-03	0.0	384,0
31	oks=15,m=13	0.66	334.8	1	483.9	1117.4	14.62	4.53e-03	0.0	378,0
32	oks=15,m=13	0.98	498.2	1	483.9	1117.4	14.62	4.53e-03	0.0	375,0
33	oks=17,m=13	1.45e-03	-1.5	1	33.8	5.9	0.08	1.00	0.0	361,0
34	oks=17,m=13	3.24e-03	3.4	1	44.2	7.7	0.10	1.00	0.0	381,0
35	oks=17,m=13	2.35e-03	-2.5	1	33.8	5.9	0.08	1.00	0.0	362,0
36	oks=17,m=13	1.45e-03	-1.5	1	33.8	5.9	0.08	1.00	0.0	355,0
37	oks=17,m=13	3.23e-03	3.4	1	44.2	7.7	0.10	1.00	0.0	371,0
38	oks=17,m=13	4.81e-03	-5.1	1	33.8	5.9	0.08	1.00	0.0	356,0
39	oks=17,m=13	1.95e-03	-2.1	1	33.8	5.9	0.08	1.00	0.0	357,0
40	oks=17,m=13	8.38e-03	8.9	1	44.2	7.7	0.10	1.00	0.0	381,0
41	oks=17,m=13	4.13e-03	-4.4	1	33.8	5.9	0.08	1.00	0.0	361,0
42	oks=17,m=13	1.97e-03	-2.1	1	33.8	5.9	0.08	1.00	0.0	359,0
43	oks=17,m=13	8.40e-03	8.9	1	44.2	7.7	0.10	1.00	0.0	375,0
44	oks=17,m=13	4.49e-03	-4.8	1	33.8	5.9	0.08	1.00	0.0	355,0
45	oks=17,m=13	0.04	-37.8	1	33.8	5.9	0.08	1.00	0.0	18,0
46	oks=17,m=13	0.05	52.7	1	44.2	7.7	0.10	1.00	0.0	379,0
47	oks=17,m=13	0.05	-55.0	1	33.8	5.9	0.08	1.00	0.0	162,0
48	oks=17,m=13	0.04	-37.9	1	33.8	5.9	0.08	1.00	0.0	17,0
49	oks=17,m=13	0.05	52.8	1	44.2	7.7	0.10	1.00	0.0	373,0
50	oks=17,m=13	0.05	-54.9	1	33.8	5.9	0.08	1.00	0.0	161,0
51	oks=17,m=13	1.56e-03	-1.7	1	41.9	7.3	0.10	1.00	0.0	365,0
52	oks=17,m=13	4.17e-03	4.4	1	44.1	7.7	0.10	1.00	0.0	112,0
53	oks=17,m=13	2.82e-03	-3.0	1	41.9	7.3	0.10	1.00	0.0	365,0
54	oks=17,m=13	1.56e-03	-1.7	1	41.9	7.3	0.10	1.00	0.0	367,0
55	oks=17,m=13	4.17e-03	4.4	1	44.1	7.7	0.10	1.00	0.0	96,0
56	oks=17,m=13	4.28e-03	-4.5	1	41.9	7.3	0.10	1.00	0.0	363,0
57	oks=17,m=13	6.72e-03	-7.1	1	41.9	7.3	0.10	1.00	0.0	118,0
58	oks=17,m=13	0.02	-16.9	1	44.1	7.7	0.10	1.00	0.0	385,0
59	oks=17,m=13	8.59e-03	-9.1	1	41.9	7.3	0.10	1.00	0.0	365,0
60	oks=17,m=13	6.73e-03	-7.1	1	41.9	7.3	0.10	1.00	0.0	117,0
61	oks=17,m=13	0.02	17.2	1	44.1	7.7	0.10	1.00	0.0	378,0
62	oks=17,m=13	8.33e-03	-8.8	1	41.9	7.3	0.10	1.00	0.0	367,0
63	oks=17,m=13	0.08	-87.9	1	10.0	1.7	0.02	1.00	0.0	2,0
64	oks=17,m=13	0.07	70.5	1	12.2	2.1	0.03	1.00	0.0	116,0
65	oks=17,m=13	0.09	-94.0	1	10.0	1.7	0.02	1.00	0.0	2,0
66	oks=17,m=13	0.08	-87.0	1	10.0	1.7	0.02	1.00	0.0	1,0
67	oks=17,m=13	0.06	69.0	1	12.2	2.1	0.03	1.00	0.0	116,0
68	oks=17,m=13	0.09	-92.6	1	10.0	1.7	0.02	1.00	0.0	2,0
69	oks=17,m=13	0.06	64.2	1	11.8	2.1	0.03	1.00	0.0	163,0
70	oks=17,m=13	0.06	62.5	1	11.8	2.1	0.03	1.00	0.0	163,0
71	oks=26,m=13	0.05	5.6	1	393.6	787.2	10.30	9.00e-03	0.0	364,0
72	oks=26,m=13	0.04	3.9	1	393.6	787.2	10.30	9.00e-03	0.0	365,0
73	oks=26,m=13	0.04	4.1	1	393.6	787.2	10.30	9.00e-03	0.0	367,0
74	oks=26,m=13	0.05	5.8	1	393.6	787.2	10.30	9.00e-03	0.0	370,0
75	oks=26,m=13	0.06	5.9	1	387.0	774.0	10.13	9.30e-03	0.0	357,0
76	oks=26,m=13	0.06	6.0	1	387.0	774.0	10.13	9.30e-03	0.0	359,0
77	oks=26,m=13	0.04	4.4	1	393.6	787.2	10.30	9.00e-03	0.0	362,0
78	oks=26,m=13	0.04	4.3	1	393.6	787.2	10.30	9.00e-03	0.0	356,0
79	oks=19,m=13	0.44	30.2	1	227.5	568.9	7.44	0.02	0.0	363,0
80	oks=19,m=13	0.44	30.2	1	227.5	568.9	7.44	0.02	0.0	369,0
81	oks=19,m=13	0.60	41.1	1	238.7	596.8	7.81	0.02	0.0	368,0
82	oks=19,m=13	0.60	41.1	1	238.7	596.8	7.81	0.02	0.0	366,0
83	oks=19,m=13	0.33	22.6	1	233.9	584.8	7.65	0.02	0.0	366,0
84	oks=19,m=13	0.33	22.6	1	233.9	584.8	7.65	0.02	0.0	363,0
85	oks=19,m=13	0.43	29.0	1	244.8	612.0	8.01	0.01	0.0	378,0
86	oks=19,m=13	0.43	29.0	1	244.8	612.0	8.01	0.01	0.0	375,0
87	oks=19,m=13	0.33	22.7	1	233.9	584.8	7.65	0.02	0.0	368,0
88	oks=19,m=13	0.33	22.7	1	233.9	584.8	7.65	0.02	0.0	369,0
89	oks=19,m=13	0.44	29.6	1	244.8	612.0	8.01	0.01	0.0	384,0
90	oks=19,m=13	0.44	29.6	1	244.8	612.0	8.01	0.01	0.0	385,0
91	oks=19,m=13	0.44	30.2	1	227.5	568.9	7.44	0.02	0.0	356,0
92	oks=19,m=13	0.44	30.2	1	227.5	568.9	7.44	0.02	0.0	362,0
93	oks=19,m=13	0.59	40.4	1	233.5	583.9	7.64	0.02	0.0	359,0
94	oks=19,m=13	0.59	40.4	1	233.5	583.9	7.64	0.02	0.0	357,0
95	oks=19,m=13	0.44	29.7	1	233.9	584.8	7.65	0.02	0.0	373,0
96	oks=19,m=13	0.44	29.8	1	233.9	584.8	7.65	0.02	0.0	372,0

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97	oks=19,m=13	0.66	44.8		1	239.8	599.4	7.84	0.02	0.0	373,0
98	oks=19,m=13	0.66	44.8		1	239.8	599.4	7.84	0.02	0.0	372,0
99	oks=19,m=13	0.44	29.7		1	233.9	584.8	7.65	0.02	0.0	379,0
100	oks=19,m=13	0.44	29.7		1	233.9	584.8	7.65	0.02	0.0	382,0
101	oks=19,m=13	0.66	44.7		1	239.8	599.4	7.84	0.02	0.0	379,0
102	oks=19,m=13	0.66	44.7		1	239.8	599.4	7.84	0.02	0.0	382,0
103	oks=23,m=13	0.74	94.9		1	394.4	717.1	9.39	0.01	0.0	383,0
104	oks=23,m=13	0.61	78.2		1	394.4	717.1	9.39	0.01	0.0	386,0
105	oks=23,m=13	0.61	78.4		1	394.4	717.1	9.39	0.01	0.0	374,0
106	oks=23,m=13	0.73	94.3		1	394.4	717.1	9.39	0.01	0.0	371,0
107	oks=23,m=13	0.49	62.7		1	395.5	719.1	9.41	0.01	0.0	385,0
108	oks=23,m=13	0.61	78.3		1	395.5	719.1	9.41	0.01	0.0	384,0
109	oks=23,m=13	0.60	77.5		1	395.5	719.1	9.41	0.01	0.0	378,0
110	oks=23,m=13	0.48	61.7		1	395.5	719.1	9.41	0.01	0.0	375,0
111	oks=26,m=13	0.16	16.9		1	478.9	957.8	12.54	6.13e-03	0.0	358,0
112	oks=26,m=13	0.16	16.9		1	478.9	957.8	12.54	6.13e-03	0.0	360,0

Asta	V N	N	V stab	N	Beta x L	Snell.	LambDaS	Chi mn	v.Omeg
		-93.98					0.02	4.51e-03	0.0
	0.98	498.24			520.73	1119.46	14.65		0.0

Trave	Stato	Note	V V/T	V N/M	V stab	Cl.	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT	Rif. cmb
175	ok	s=1,m=159	9.40e-04	4.94e-04		4	0.3	0.5	36.8	0.89	1.42e-04	0.3	1.00	89,359,0,28
176	ok	s=1,m=159	0.12	0.08		4	0.3	0.5	36.8	0.89	0.05	0.2	1.00	78,138,0,138
177	ok	s=1,m=159	0.21	0.60	0.63	4	0.3	0.5	36.8	0.89	0.30	0.2	1.00	365,2,2,2
178	ok	s=1,m=159	0.23	0.62	0.65	4	0.3	0.5	36.8	0.89	0.35	0.2	1.00	378,385,385,385
186	ok	s=1,m=159	0.04	0.25		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	174,78,0,42
187	ok	s=1,m=159	0.07	0.30		4	0.3	0.5	36.8	0.89	0.18	0.2	1.00	2,78,0,42
188	ok	s=1,m=159	0.17	0.19		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	2,383,0,386
189	ok	s=1,m=159	0.10	0.32		4	0.3	0.5	36.8	0.89	0.14	0.2	1.00	386,386,0,386
190	ok	s=1,m=159	0.13	0.24		4	0.3	0.5	36.8	0.89	0.11	0.2	1.00	381,383,0,383
191	ok	s=1,m=159	0.17	0.30		4	0.3	0.5	36.8	0.89	0.15	0.2	1.00	381,377,0,385
192	ok	s=1,m=159	0.11	0.16		4	0.3	0.5	36.8	0.89	0.13	0.2	1.00	78,78,0,138
193	ok	s=1,m=159	0.16	0.44		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	365,2,0,370
194	ok	s=1,m=159	0.20	0.39		4	0.3	0.5	36.8	0.89	0.21	0.2	1.00	378,385,0,385
195	ok	s=1,m=159	0.02	0.27		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	378,78,0,42
196	ok	s=1,m=159	0.09	0.22		4	0.3	0.5	36.8	0.89	0.13	0.2	1.00	2,78,0,386
197	ok	s=1,m=159	0.19	0.39		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	2,2,0,383
198	ok	s=1,m=159	0.10	0.24		4	0.3	0.5	36.8	0.89	0.09	0.2	1.00	383,138,0,78
199	ok	s=1,m=159	0.12	0.13		4	0.3	0.5	36.8	0.89	0.06	0.2	1.00	383,2,0,386
200	ok	s=1,m=159	0.19	0.46		4	0.3	0.5	36.8	0.89	0.25	0.2	1.00	381,385,0,385
201	ok	s=1,m=159	0.12	0.12		4	0.3	0.5	36.8	0.89	0.10	0.2	1.00	78,138,0,138
202	ok	s=1,m=159	0.18	0.51	0.55	4	0.3	0.5	36.8	0.89	0.22	0.2	1.00	365,2,2,2
203	ok	s=1,m=159	0.22	0.50		4	0.3	0.5	36.8	0.89	0.27	0.2	1.00	378,385,0,385
204	ok	s=1,m=159	0.03	0.26		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	378,78,0,42
205	ok	s=1,m=159	0.08	0.25		4	0.3	0.5	36.8	0.89	0.16	0.2	1.00	2,78,0,42
206	ok	s=1,m=159	0.18	0.26		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	2,1,0,383
207	ok	s=1,m=159	0.10	0.26		4	0.3	0.5	36.8	0.89	0.10	0.2	1.00	386,2,0,386
208	ok	s=1,m=159	0.13	0.16		4	0.3	0.5	36.8	0.89	0.08	0.2	1.00	383,383,0,386
209	ok	s=1,m=159	0.18	0.37		4	0.3	0.5	36.8	0.89	0.20	0.2	1.00	381,377,0,385
210	ok	s=1,m=159	0.10	0.22		4	0.3	0.5	36.8	0.89	0.16	0.2	1.00	78,78,0,42
211	ok	s=1,m=159	0.15	0.36		4	0.3	0.5	36.8	0.89	0.15	0.2	1.00	365,2,0,386
212	ok	s=1,m=159	0.19	0.31		4	0.3	0.5	36.8	0.89	0.15	0.2	1.00	377,383,0,381
213	ok	s=1,m=159	0.03	0.28		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	375,78,0,42

Firmato digitalmente da: Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 270255
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature

214	ok s=1,m=159	0.10	0.19		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	2,378,0,386
215	ok s=1,m=159	0.20	0.53		4	0.3	0.5	36.8	0.89	0.26	0.2	1.00	34,2,0,2
216	ok s=1,m=159	0.11	0.24		4	0.3	0.5	36.8	0.89	0.11	0.2	1.00	
383,42,0,377													
217	ok s=1,m=159	0.10	0.10		4	0.3	0.5	36.8	0.89	0.05	0.2	1.00	383,4,0,4
218	ok s=1,m=159	0.20	0.57		4	0.3	0.5	36.8	0.89	0.31	0.2	1.00	
381,385,0,385													
219	ok s=1,m=159	0.12	0.11		4	0.3	0.5	36.8	0.89	0.08	0.2	1.00	
78,138,0,138													
220	ok s=1,m=159	0.19	0.54	0.58	4	0.3	0.5	36.8	0.89	0.26	0.2	1.00	365,2,2,2
221	ok s=1,m=159	0.22	0.56		4	0.3	0.5	36.8	0.89	0.31	0.2	1.00	
378,385,0,385													
222	ok s=1,m=159	0.04	0.24		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	378,78,0,42
223	ok s=1,m=159	0.08	0.27		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	2,78,0,42
224	ok s=1,m=159	0.17	0.21		4	0.3	0.5	36.8	0.89	0.10	0.2	1.00	2,383,0,383
225	ok s=1,m=159	0.10	0.27		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	386,2,0,386
226	ok s=1,m=159	0.13	0.20		4	0.3	0.5	36.8	0.89	0.09	0.2	1.00	
383,383,0,383													
227	ok s=1,m=159	0.18	0.33		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	
381,377,0,385													
228	ok s=1,m=159	0.10	0.18		4	0.3	0.5	36.8	0.89	0.14	0.2	1.00	78,78,0,42
229	ok s=1,m=159	0.16	0.40		4	0.3	0.5	36.8	0.89	0.16	0.2	1.00	365,2,0,386
230	ok s=1,m=159	0.19	0.35		4	0.3	0.5	36.8	0.89	0.18	0.2	1.00	
378,381,0,385													
231	ok s=1,m=159	0.02	0.27		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	375,78,0,42
232	ok s=1,m=159	0.10	0.20		4	0.3	0.5	36.8	0.89	0.13	0.2	1.00	2,378,0,386
233	ok s=1,m=159	0.20	0.46		4	0.3	0.5	36.8	0.89	0.21	0.2	1.00	2,2,0,2
234	ok s=1,m=159	0.10	0.23		4	0.3	0.5	36.8	0.89	0.09	0.2	1.00	
383,138,0,78													
235	ok s=1,m=159	0.11	0.12		4	0.3	0.5	36.8	0.89	0.05	0.2	1.00	383,4,0,4
236	ok s=1,m=159	0.20	0.52		4	0.3	0.5	36.8	0.89	0.28	0.2	1.00	
381,385,0,385													
237	ok s=1,m=159	0.11	0.14		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	78,78,0,138
238	ok s=1,m=159	0.17	0.48	0.51	4	0.3	0.5	36.8	0.89	0.19	0.2	1.00	365,2,2,370
239	ok s=1,m=159	0.21	0.44		4	0.3	0.5	36.8	0.89	0.24	0.2	1.00	
378,385,0,385													
240	ok s=1,m=159	0.03	0.27		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	378,78,0,42
241	ok s=1,m=159	0.09	0.24		4	0.3	0.5	36.8	0.89	0.14	0.2	1.00	2,78,0,42
242	ok s=1,m=159	0.18	0.32		4	0.3	0.5	36.8	0.89	0.14	0.2	1.00	2,3,0,383
243	ok s=1,m=159	0.09	0.25		4	0.3	0.5	36.8	0.89	0.08	0.2	1.00	383,2,0,78
244	ok s=1,m=159	0.12	0.14		4	0.3	0.5	36.8	0.89	0.07	0.2	1.00	383,2,0,386
245	ok s=1,m=159	0.19	0.42		4	0.3	0.5	36.8	0.89	0.22	0.2	1.00	
381,385,0,385													
246	ok s=1,m=159	0.09	0.26		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	78,78,0,42
247	ok s=1,m=159	0.15	0.32		4	0.3	0.5	36.8	0.89	0.14	0.2	1.00	365,2,0,386
248	ok s=1,m=159	0.19	0.29		4	0.3	0.5	36.8	0.89	0.13	0.2	1.00	
377,383,0,383													
249	ok s=1,m=159	0.03	0.30		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	383,78,0,42
250	ok s=28,m=159	0.15	0.29		4	9.18e-02	3.12e-02	7.0	1.00	0.92	2.3	0.14	2,174,0,386
251	ok s=1,m=159	0.19	0.61		4	0.3	0.5	36.8	0.89	0.32	0.2	1.00	2,2,0,2
252	ok s=28,m=159	0.17	0.35		4	9.18e-02	3.12e-02	7.0	1.00	0.30	2.1	0.16	
379,42,0,376													
253	ok s=1,m=159	0.10	0.08		4	0.3	0.5	36.8	0.89	0.03	0.2	1.00	
386,143,0,143													
254	ok s=1,m=159	0.21	0.64	0.67	4	0.3	0.5	36.8	0.89	0.35	0.2	1.00	
381,385,385,385													
554	ok s=1,m=159	0.09	0.25		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	77,77,0,41
555	ok s=1,m=159	0.15	0.33		4	0.3	0.5	36.8	0.89	0.14	0.2	1.00	1,1,0,376
556	ok s=1,m=159	0.18	0.42		4	0.3	0.5	36.8	0.89	0.22	0.2	1.00	
371,375,0,375													
560	ok s=1,m=159	0.18	0.28		4	0.3	0.5	36.8	0.89	0.13	0.2	1.00	
375,377,0,377													
737	ok s=1,m=159	9.40e-04	4.90e-04		4	0.3	0.5	36.8	0.89	1.42e-04	0.3	1.00	
140,355,0,44													
738	ok s=1,m=159	0.12	0.08		4	0.3	0.5	36.8	0.89	0.05	0.2	1.00	
77,137,0,137													
739	ok s=1,m=159	0.20	0.60	0.64	4	0.3	0.5	36.8	0.89	0.30	0.2	1.00	1,1,1,1
740	ok s=1,m=159	0.23	0.64	0.67	4	0.3	0.5	36.8	0.89	0.35	0.2	1.00	

Firmato digitalmente da: Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
Qualified Electronic

384,375,375,375														
816	ok s=1,m=159	0.04	0.25		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	173,77,0,41	
817	ok s=1,m=159	0.07	0.30		4	0.3	0.5	36.8	0.89	0.18	0.2	1.00	1,77,0,41	
818	ok s=1,m=159	0.17	0.19		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	1,377,0,376	
820	ok s=1,m=159	0.10	0.33		4	0.3	0.5	36.8	0.89	0.14	0.2	1.00		
376,376,0,376														
821	ok s=1,m=159	0.13	0.25		4	0.3	0.5	36.8	0.89	0.11	0.2	1.00		
377,377,0,377														
822	ok s=1,m=159	0.17	0.31		4	0.3	0.5	36.8	0.89	0.15	0.2	1.00		
377,383,0,375														
823	ok s=1,m=159	0.11	0.17		4	0.3	0.5	36.8	0.89	0.13	0.2	1.00	77,77,0,137	
824	ok s=1,m=159	0.16	0.44		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	367,1,0,364	
825	ok s=1,m=159	0.20	0.39		4	0.3	0.5	36.8	0.89	0.21	0.2	1.00		
384,371,0,371														
828	ok s=1,m=159	0.03	0.27		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	384,77,0,41	
829	ok s=1,m=159	0.09	0.23		4	0.3	0.5	36.8	0.89	0.13	0.2	1.00	1,77,0,376	
830	ok s=1,m=159	0.19	0.38		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	1,3,0,377	
831	ok s=1,m=159	0.10	0.24		4	0.3	0.5	36.8	0.89	0.09	0.2	1.00		
377,137,0,77														
832	ok s=1,m=159	0.12	0.13		4	0.3	0.5	36.8	0.89	0.06	0.2	1.00	377,4,0,376	
833	ok s=1,m=159	0.19	0.46		4	0.3	0.5	36.8	0.89	0.25	0.2	1.00		
371,375,0,375														
843	ok s=1,m=159	0.12	0.13		4	0.3	0.5	36.8	0.89	0.10	0.2	1.00		
77,137,0,137														
844	ok s=1,m=159	0.18	0.52	0.56	4	0.3	0.5	36.8	0.89	0.23	0.2	1.00	1,1,1,1	
845	ok s=1,m=159	0.21	0.51		4	0.3	0.5	36.8	0.89	0.27	0.2	1.00		
384,375,0,375														
846	ok s=1,m=159	0.03	0.26		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	384,77,0,41	
847	ok s=1,m=159	0.08	0.25		4	0.3	0.5	36.8	0.89	0.16	0.2	1.00	1,77,0,41	
848	ok s=1,m=159	0.18	0.26		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	1,3,0,377	
849	ok s=1,m=159	0.10	0.26		4	0.3	0.5	36.8	0.89	0.10	0.2	1.00	376,1,0,376	
850	ok s=1,m=159	0.13	0.16		4	0.3	0.5	36.8	0.89	0.08	0.2	1.00		
377,377,0,376														
851	ok s=1,m=159	0.18	0.37		4	0.3	0.5	36.8	0.89	0.20	0.2	1.00		
371,383,0,375														
852	ok s=1,m=159	0.10	0.21		4	0.3	0.5	36.8	0.89	0.16	0.2	1.00	77,77,0,41	
853	ok s=1,m=159	0.15	0.36		4	0.3	0.5	36.8	0.89	0.15	0.2	1.00	1,1,0,376	
854	ok s=1,m=159	0.18	0.30		4	0.3	0.5	36.8	0.89	0.15	0.2	1.00		
383,375,0,373														
942	ok s=1,m=159	0.03	0.28		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	385,77,0,41	
943	ok s=1,m=159	0.10	0.20		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	1,384,0,376	
944	ok s=1,m=159	0.20	0.52		4	0.3	0.5	36.8	0.89	0.26	0.2	1.00	33,3,0,1	
945	ok s=1,m=159	0.11	0.24		4	0.3	0.5	36.8	0.89	0.11	0.2	1.00		
377,41,0,375														
946	ok s=1,m=159	0.11	0.10		4	0.3	0.5	36.8	0.89	0.05	0.2	1.00	377,4,0,4	
947	ok s=1,m=159	0.20	0.57		4	0.3	0.5	36.8	0.89	0.31	0.2	1.00		
371,383,0,375														
948	ok s=1,m=159	0.12	0.11		4	0.3	0.5	36.8	0.89	0.08	0.2	1.00		
77,137,0,137														
949	ok s=1,m=159	0.19	0.56	0.60	4	0.3	0.5	36.8	0.89	0.26	0.2	1.00	1,1,1,1	
950	ok s=1,m=159	0.22	0.57		4	0.3	0.5	36.8	0.89	0.31	0.2	1.00		
384,375,0,375														
951	ok s=1,m=159	0.04	0.25		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	384,77,0,41	
952	ok s=1,m=159	0.08	0.27		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	1,77,0,41	
953	ok s=1,m=159	0.17	0.21		4	0.3	0.5	36.8	0.89	0.10	0.2	1.00	1,377,0,376	
954	ok s=1,m=159	0.10	0.27		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	376,4,0,376	
955	ok s=1,m=159	0.13	0.20		4	0.3	0.5	36.8	0.89	0.09	0.2	1.00		
377,377,0,377														
956	ok s=1,m=159	0.17	0.34		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00		
371,383,0,375														
957	ok s=1,m=159	0.10	0.18		4	0.3	0.5	36.8	0.89	0.15	0.2	1.00	77,77,0,41	
958	ok s=1,m=159	0.16	0.40		4	0.3	0.5	36.8	0.89	0.16	0.2	1.00	367,1,0,376	
959	ok s=1,m=159	0.19	0.34		4	0.3	0.5	36.8	0.89	0.18	0.2	1.00		
384,371,0,373														
967	ok s=1,m=159	0.03	0.27		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	385,77,0,41	
968	ok s=1,m=159	0.10	0.21		4	0.3	0.5	36.8	0.89	0.13	0.2	1.00	1,384,0,376	
969	ok s=1,m=159	0.19	0.45		4	0.3	0.5	36.8	0.89	0.21	0.2	1.00	1,3,0,1	
970	ok s=1,m=159	0.10	0.23		4	0.3	0.5	36.8	0.89	0.09	0.2	1.00		

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377,137,0,77														
971	ok s=1,m=159	0.11	0.12		4	0.3	0.5	36.8	0.89	0.05	0.2	1.00	377,4,0,4	
972	ok s=1,m=159	0.20	0.51		4	0.3	0.5	36.8	0.89	0.28	0.2	1.00		
371,375,0,375														
973	ok s=1,m=159	0.11	0.14		4	0.3	0.5	36.8	0.89	0.12	0.2	1.00	77,77,0,137	
974	ok s=1,m=159	0.17	0.48	0.51	4	0.3	0.5	36.8	0.89	0.20	0.2	1.00	1,1,1,1	
975	ok s=1,m=159	0.20	0.45		4	0.3	0.5	36.8	0.89	0.24	0.2	1.00		
384,375,0,375														
976	ok s=1,m=159	0.03	0.27		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	384,77,0,41	
977	ok s=1,m=159	0.09	0.24		4	0.3	0.5	36.8	0.89	0.14	0.2	1.00	1,77,0,41	
978	ok s=1,m=159	0.18	0.32		4	0.3	0.5	36.8	0.89	0.14	0.2	1.00	1,3,0,377	
999	ok s=1,m=159	0.09	0.25		4	0.3	0.5	36.8	0.89	0.08	0.2	1.00	377,1,0,77	
1000	ok s=1,m=159	0.12	0.14		4	0.3	0.5	36.8	0.89	0.07	0.2	1.00	377,4,0,376	
1051	ok s=1,m=159	0.03	0.30		4	0.3	0.5	36.8	0.89	0.17	0.2	1.00	369,77,0,41	
1060	ok s=28,m=159	0.15	0.28		4	9.18e-02	3.12e-02	7.0	1.00	0.92	2.3	0.14	1,173,0,376	
1061	ok s=1,m=159	0.19	0.59		4	0.3	0.5	36.8	0.89	0.31	0.2	1.00	1,3,0,1	
1062	ok s=28,m=159	0.18	0.36		4	9.18e-02	3.12e-02	7.0	1.00	0.28	2.1	0.17		
377,41,0,378														
1073	ok s=1,m=159	0.10	0.08		4	0.3	0.5	36.8	0.89	0.03	0.2	1.00		
376,143,0,143														
1074	ok s=1,m=159	0.21	0.63	0.65	4	0.3	0.5	36.8	0.89	0.35	0.2	1.00		
371,383,375,375														
325	ok s=5,m=13	0.17	0.08		1	1.0	1.30e-02	77.7	0.59	0.04	1.60e-02	1.00		
358,181,0,138														
326	ok s=5,m=13	0.08	0.06		1	1.0	1.30e-02	77.7	0.59	0.03	1.69e-02	1.00	110,365,0,2	
327	ok s=5,m=13	0.09	0.04		1	1.0	1.30e-02	77.7	0.59	0.03	1.67e-02	1.00	34,377,0,2	
328	ok s=5,m=13	0.11	0.05		1	1.0	1.30e-02	77.7	0.59	0.04	1.65e-02	1.00	2,1,0,2	
329	ok s=5,m=13	0.17	0.36	0.17	1	1.5	1.30e-02	117.3	0.33	0.10	2.06e-02	1.00		
362,383,386,379														
330	ok s=5,m=13	0.22	0.77		1	1.5	2.79e-02	117.3	0.33	0.14	3.60e-02	1.00		
375,375,0,378														
331	ok s=5,m=13	0.02	7.74e-03		1	1.5	1.69e-02	117.3	0.33	6.47e-03	1.87e-02	1.00		
373,373,0,373														
332	ok s=5,m=13	0.22	0.13		1	1.5	5.19e-03	117.3	0.33	0.09	8.11e-03	1.00		
385,361,0,361														
333	ok s=5,m=13	0.02	7.40e-03		1	1.5	1.69e-02	117.3	0.33	6.19e-03	1.87e-02	1.00		
379,379,0,379														
334	ok s=5,m=13	0.22	0.40	0.51	1	1.5	1.30e-02	117.3	0.33	0.23	1.89e-02	1.00		
360,373,355,360														
335	ok s=5,m=13	0.12	0.17	0.15	1	1.5	3.25e-02	117.3	0.33	0.09	4.94e-02	1.00		
362,379,382,379														
346	ok s=5,m=13	0.20	0.24	0.29	1	1.0	1.30e-02	77.7	0.59	0.16	2.01e-02	1.00		
360,360,360,358														
347	ok s=5,m=13	0.07	0.04		1	1.0	1.30e-02	77.7	0.59	0.03	1.69e-02	1.00	37,383,0,1	
348	ok s=5,m=13	0.09	0.04		1	1.0	1.30e-02	77.7	0.59	0.03	1.67e-02	1.00	33,383,0,1	
349	ok s=5,m=13	0.10	0.05		1	1.0	1.30e-02	77.7	0.59	0.04	1.66e-02	1.00	1,1,0,1	
350	ok s=5,m=13	0.09	0.08		1	1.0	3.25e-02	77.7	0.59	0.05	4.60e-02	1.00		
358,355,0,137														
351	ok s=5,m=13	0.06	0.06		1	1.0	3.25e-02	77.7	0.59	0.05	4.43e-02	1.00	42,97,0,97	
352	ok s=5,m=13	0.06	0.06		1	1.0	3.25e-02	77.7	0.59	0.05	4.45e-02	1.00	34,1,0,97	
353	ok s=5,m=13	0.06	0.07		1	1.0	3.25e-02	77.7	0.59	0.06	4.44e-02	1.00	42,1,0,1	
354	ok s=5,m=13	0.07	0.12	0.12	1	1.0	3.25e-02	77.7	0.59	0.11	4.55e-02	1.00		
360,361,360,361														
355	ok s=5,m=13	0.08	0.08		1	1.0	3.25e-02	77.7	0.59	0.07	4.10e-02	1.00		
358,361,0,361														
356	ok s=5,m=13	0.09	0.17	0.21	1	1.0	3.25e-02	77.7	0.59	0.14	4.74e-02	1.00		
360,361,360,361														
357	ok s=5,m=13	0.08	0.07		1	1.0	3.25e-02	77.7	0.59	0.06	4.46e-02	1.00		
358,42,0,138														
358	ok s=5,m=13	0.08	0.15	0.16	1	1.0	3.25e-02	77.7	0.59	0.12	4.64e-02	1.00		
360,361,360,361														
359	ok s=5,m=13	0.07	0.10		1	1.0	3.25e-02	77.7	0.59	0.09	4.33e-02	1.00		
361,361,0,361														
360	ok s=5,m=13	0.11	0.21	0.27	1	1.0	3.25e-02	77.7	0.59	0.16	4.77e-02	1.00		
360,355,355,361														
406	ok s=5,m=13	0.09	0.14	0.19	1	1.5	3.25e-02	117.3	0.33	0.12	4.49e-02	1.00		
356,361,360,361														
407	ok s=5,m=13	0.02	0.08		1	1.0	3.25e-02	77.7	0.59	0.07	5.19e-02	1.00	360,33,0,34	

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408	ok	s=5,m=13	0.02	0.08		1	1.0	3.25e-02	77.7	0.59	0.07	4.96e-02	1.00	133,33,0,33
409	ok	s=5,m=13	0.02	0.09		1	1.0	3.25e-02	77.7	0.59	0.08	5.20e-02	1.00	125,34,0,34
410	ok	s=5,m=13	0.10	0.09	0.09	1	1.5	3.25e-02	117.3	0.33	0.08	4.87e-02	1.00	362,381,380,381
411	ok	s=5,m=13	0.03	0.08		1	1.0	3.25e-02	77.7	0.59	0.07	4.82e-02	1.00	114,33,0,33
412	ok	s=5,m=13	0.03	0.08		1	1.0	3.25e-02	77.7	0.59	0.07	4.83e-02	1.00	134,33,0,33
413	ok	s=5,m=13	0.04	0.09		1	1.0	3.25e-02	77.7	0.59	0.08	4.86e-02	1.00	126,33,0,33
414	ok	s=5,m=13	0.13	0.19	0.38	1	1.5	3.25e-02	117.3	0.33	0.16	4.63e-02	1.00	356,357,360,361
415	ok	s=5,m=13	0.05	0.08		1	1.0	3.25e-02	77.7	0.59	0.06	4.54e-02	1.00	41,34,0,34
416	ok	s=5,m=13	0.05	0.08		1	1.0	3.25e-02	77.7	0.59	0.06	4.62e-02	1.00	33,2,0,2
417	ok	s=5,m=13	0.05	0.09		1	1.0	3.25e-02	77.7	0.59	0.07	4.65e-02	1.00	77,2,0,2
418	ok	s=5,m=13	0.11	0.10	0.10	1	1.5	3.25e-02	117.3	0.33	0.07	4.92e-02	1.00	362,379,384,379
419	ok	s=5,m=13	0.05	0.08		1	1.0	3.25e-02	77.7	0.59	0.06	4.54e-02	1.00	42,33,0,33
420	ok	s=5,m=13	0.05	0.08		1	1.0	3.25e-02	77.7	0.59	0.07	4.62e-02	1.00	34,1,0,1
421	ok	s=5,m=13	0.05	0.09		1	1.0	3.25e-02	77.7	0.59	0.07	4.66e-02	1.00	78,1,0,1
422	ok	s=5,m=13	0.11	0.16	0.28	1	1.5	3.25e-02	117.3	0.33	0.14	4.57e-02	1.00	356,361,360,361
423	ok	s=5,m=13	0.03	0.08		1	1.0	3.25e-02	77.7	0.59	0.07	4.81e-02	1.00	65,34,0,34
424	ok	s=5,m=13	0.03	0.08		1	1.0	3.25e-02	77.7	0.59	0.07	4.83e-02	1.00	133,34,0,34
425	ok	s=5,m=13	0.03	0.09		1	1.0	3.25e-02	77.7	0.59	0.08	4.85e-02	1.00	77,34,0,34
426	ok	s=5,m=13	0.08	0.11	0.12	1	1.5	3.25e-02	117.3	0.33	0.10	4.36e-02	1.00	362,361,360,361
427	ok	s=5,m=13	0.02	0.08		1	1.0	3.25e-02	77.7	0.59	0.07	4.95e-02	1.00	358,34,0,34
428	ok	s=5,m=13	0.02	0.08		1	1.0	3.25e-02	77.7	0.59	0.07	4.96e-02	1.00	134,34,0,34
429	ok	s=5,m=13	0.02	0.09		1	1.0	3.25e-02	77.7	0.59	0.08	4.97e-02	1.00	126,34,0,34
430	ok	s=5,m=13	0.16	0.27	0.48	1	1.5	3.25e-02	117.3	0.33	0.19	4.68e-02	1.00	356,357,360,357
431	ok	s=5,m=13	0.06	0.06		1	1.0	3.25e-02	77.7	0.59	0.05	4.42e-02	1.00	41,98,0,98
432	ok	s=5,m=13	0.06	0.06		1	1.0	3.25e-02	77.7	0.59	0.05	4.45e-02	1.00	33,2,0,98
433	ok	s=5,m=13	0.06	0.07		1	1.0	3.25e-02	77.7	0.59	0.06	4.43e-02	1.00	41,2,0,2
434	ok	s=5,m=13	0.09	0.19	0.28	1	1.5	1.30e-02	117.3	0.33	0.12	1.97e-02	1.00	361,381,381,373
435	ok	s=5,m=13	0.23	0.28		1	1.5	2.79e-02	117.3	0.33	0.19	3.62e-02	1.00	375,378,0,371
436	ok	s=5,m=13	0.02	4.82e-03		1	1.5	1.69e-02	117.3	0.33	4.07e-03	1.87e-02	1.00	379,379,0,379
437	ok	s=5,m=13	0.28	0.08		1	1.5	5.19e-03	117.3	0.33	0.07	7.86e-03	1.00	385,382,0,359
438	ok	s=5,m=13	0.02	5.85e-03		1	1.5	1.69e-02	117.3	0.33	5.05e-03	1.87e-02	1.00	357,357,0,357
439	ok	s=5,m=13	0.07	0.17	0.28	1	1.5	1.30e-02	117.3	0.33	0.12	1.98e-02	1.00	359,371,371,371
440	ok	s=5,m=13	0.07	0.13	0.27	1	1.5	3.25e-02	117.3	0.33	0.09	4.56e-02	1.00	361,381,373,373
450	ok	s=5,m=13	0.04	0.06	0.22	1	1.5	3.25e-02	117.3	0.33	0.05	4.80e-02	1.00	359,371,371,371
451	ok	s=5,m=13	0.05	0.07	0.22	1	1.5	3.25e-02	117.3	0.33	0.05	4.58e-02	1.00	361,373,373,373
452	ok	s=5,m=13	0.05	0.09	0.26	1	1.5	3.25e-02	117.3	0.33	0.07	4.61e-02	1.00	359,371,371,371
453	ok	s=5,m=13	0.06	0.08	0.24	1	1.5	3.25e-02	117.3	0.33	0.07	4.56e-02	1.00	361,373,373,373
454	ok	s=5,m=13	0.04	0.07	0.23	1	1.5	3.25e-02	117.3	0.33	0.06	4.64e-02	1.00	359,371,371,371
455	ok	s=5,m=13	0.04	0.06	0.21	1	1.5	3.25e-02	117.3	0.33	0.04	5.00e-02	1.00	361,371,375,374
456	ok	s=5,m=13	0.05	0.13	0.28	1	1.5	3.25e-02	117.3	0.33	0.10	4.61e-02	1.00	359,371,371,371
457	ok	s=5,m=13	0.08	0.08	0.16	1	1.5	1.30e-02	117.3	0.33	0.07	1.86e-02	1.00	370,369,2,369
458	ok	s=5,m=13	0.07	0.13		1	1.5	2.79e-02	117.3	0.33	0.10	3.90e-02	1.00	377,363,0,363
459	ok	s=5,m=13	9.40e-03	2.88e-03		1	1.5	1.69e-02	117.3	0.33	2.49e-03	1.87e-02	1.00	130,130,0,130
460	ok	s=5,m=13	0.07	0.08		1	1.5	5.19e-03	117.3	0.33	0.06	8.17e-03	1.00	383,362,0,362

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Facchini Massimo
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461	ok	s=5,m=13	0.01	4.29e-03		1	1.5	1.69e-02	117.3	0.33	3.64e-03	1.87e-02	1.00	
355,359,0,355														
462	ok	s=5,m=13	0.07	0.16	0.20	1	1.5	1.30e-02	117.3	0.33	0.07	1.85e-02	1.00	
45,364,367,364														
463	ok	s=5,m=13	0.06	0.07	0.17	1	1.5	3.25e-02	117.3	0.33	0.05	4.28e-02	1.00	
370,134,138,130														
473	ok	s=5,m=13	0.03	0.04	0.14	1	1.5	3.25e-02	117.3	0.33	0.03	5.02e-02	1.00	
364,137,137,18														
474	ok	s=5,m=13	0.05	0.04	0.15	1	1.5	3.25e-02	117.3	0.33	0.03	5.23e-02	1.00	
370,138,138,17														
475	ok	s=5,m=13	0.04	0.05	0.16	1	1.5	3.25e-02	117.3	0.33	0.04	4.40e-02	1.00	
356,363,137,125														
476	ok	s=5,m=13	0.05	0.05	0.16	1	1.5	3.25e-02	117.3	0.33	0.03	4.30e-02	1.00	
370,138,138,126														
477	ok	s=5,m=13	0.04	0.05	0.15	1	1.5	3.25e-02	117.3	0.33	0.03	4.81e-02	1.00	
356,137,137,370														
478	ok	s=5,m=13	0.04	0.04	0.13	1	1.5	3.25e-02	117.3	0.33	0.03	4.77e-02	1.00	
370,18,139,18														
479	ok	s=5,m=13	0.05	0.10	0.17	1	1.5	3.25e-02	117.3	0.33	0.06	4.30e-02	1.00	
45,364,89,364														
480	ok	s=5,m=13	0.15	0.17	0.21	1	1.5	1.30e-02	117.3	0.33	0.10	1.81e-02	1.00	
365,370,370,370														
481	ok	s=5,m=13	0.07	0.10		1	1.5	2.79e-02	117.3	0.33	0.08	3.93e-02	1.00	
134,373,0,97														
482	ok	s=5,m=13	0.01	4.24e-03		1	1.5	1.69e-02	117.3	0.33	3.62e-03	1.87e-02	1.00	
367,367,0,367														
483	ok	s=5,m=13	0.05	0.10		1	1.5	5.19e-03	117.3	0.33	0.09	8.27e-03	1.00	
133,369,0,365														
484	ok	s=5,m=13	0.01	4.40e-03		1	1.5	1.69e-02	117.3	0.33	3.77e-03	1.87e-02	1.00	
365,365,0,365														
485	ok	s=5,m=13	0.19	0.35	0.64	1	1.5	1.30e-02	117.3	0.33	0.25	1.93e-02	1.00	
367,364,364,364														
486	ok	s=5,m=13	0.13	0.11	0.15	1	1.5	3.25e-02	117.3	0.33	0.07	3.80e-02	1.00	
365,370,2,370														
496	ok	s=5,m=13	0.10	0.12	0.25	1	1.5	3.25e-02	117.3	0.33	0.10	4.34e-02	1.00	
364,365,364,365														
497	ok	s=5,m=13	0.11	0.07	0.12	1	1.5	3.25e-02	117.3	0.33	0.06	3.59e-02	1.00	
365,365,137,365														
498	ok	s=5,m=13	0.14	0.18	0.46	1	1.5	3.25e-02	117.3	0.33	0.15	4.56e-02	1.00	
367,365,364,365														
499	ok	s=5,m=13	0.12	0.04	0.13	1	1.5	3.25e-02	117.3	0.33	0.04	3.00e-02	1.00	
365,370,138,370														
500	ok	s=5,m=13	0.12	0.15	0.35	1	1.5	3.25e-02	117.3	0.33	0.13	4.47e-02	1.00	
367,365,364,365														
501	ok	s=5,m=13	0.10	0.09	0.17	1	1.5	3.25e-02	117.3	0.33	0.08	4.10e-02	1.00	
365,365,364,365														
502	ok	s=5,m=13	0.16	0.27	0.57	1	1.5	3.25e-02	117.3	0.33	0.21	4.43e-02	1.00	
367,364,364,364														
503	ok	s=5,m=13	0.11	0.21	0.27	1	1.5	1.30e-02	117.3	0.33	0.13	1.91e-02	1.00	
366,366,366,366														
504	ok	s=5,m=13	0.15	0.28		1	1.5	2.79e-02	117.3	0.33	0.19	3.90e-02	1.00	
376,377,0,368														
505	ok	s=5,m=13	0.02	6.32e-03		1	1.5	1.69e-02	117.3	0.33	5.45e-03	1.87e-02	1.00	
368,368,0,368														
506	ok	s=5,m=13	0.18	0.11		1	1.5	5.19e-03	117.3	0.33	0.09	8.03e-03	1.00	
386,369,0,369														
507	ok	s=5,m=13	0.03	8.06e-03		1	1.5	1.69e-02	117.3	0.33	6.96e-03	1.87e-02	1.00	
366,366,0,366														
508	ok	s=5,m=13	0.10	0.16	0.24	1	1.5	1.30e-02	117.3	0.33	0.13	1.94e-02	1.00	
368,364,364,368														
509	ok	s=5,m=13	0.10	0.15	0.23	1	1.5	3.25e-02	117.3	0.33	0.10	4.31e-02	1.00	
366,366,366,366														
519	ok	s=5,m=13	0.06	0.05	0.13	1	1.5	3.25e-02	117.3	0.33	0.04	4.26e-02	1.00	
368,365,141,365														
520	ok	s=5,m=13	0.07	0.04	0.14	1	1.5	3.25e-02	117.3	0.33	0.03	3.52e-02	1.00	
366,366,140,366														
521	ok	s=5,m=13	0.07	0.09	0.21	1	1.5	3.25e-02	117.3	0.33	0.07	4.32e-02	1.00	
368,364,364,364														

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522	ok	s=5,m=13	0.08	0.07	0.16	1	1.5	3.25e-02	117.3	0.33	0.06	4.05e-02	1.00			
366,366,366,366																
523	ok	s=5,m=13	0.06	0.06	0.16	1	1.5	3.25e-02	117.3	0.33	0.05	4.11e-02	1.00			
368,364,364,364																
524	ok	s=5,m=13	0.06	0.04	0.13	1	1.5	3.25e-02	117.3	0.33	0.04	4.54e-02	1.00			
366,377,144,377																
525	ok	s=5,m=13	0.08	0.12	0.25	1	1.5	3.25e-02	117.3	0.33	0.11	4.44e-02	1.00			
368,368,368,368																
526	ok	s=5,m=13	0.03	0.20		1	1.5	1.30e-02	117.3	0.33	0.07	2.01e-02	1.00			
385,384,0,385																
527	ok	s=5,m=13	0.14	0.27		1	1.5	2.79e-02	117.3	0.33	0.09	3.74e-02	1.00			
376,376,0,383																
528	ok	s=5,m=13	0.01	4.82e-03		1	1.5	1.69e-02	117.3	0.33	3.95e-03	1.87e-02	1.00			
378,378,0,378																
529	ok	s=5,m=13	0.15	0.10		1	1.5	5.19e-03	117.3	0.33	0.07	8.00e-03	1.00			
386,370,0,370																
530	ok	s=5,m=13	0.01	4.89e-03		1	1.5	1.69e-02	117.3	0.33	4.04e-03	1.87e-02	1.00			
376,384,0,376																
531	ok	s=5,m=13	0.03	0.19		1	1.5	1.30e-02	117.3	0.33	0.07	2.00e-02	1.00			
375,378,0,375																
532	ok	s=5,m=13	0.02	0.12	0.12	1	1.5	3.25e-02	117.3	0.33	0.05	5.06e-02	1.00			
385,384,385,384																
542	ok	s=5,m=13	6.02e-03	0.05	0.13	1	1.5	3.25e-02	117.3	0.33	0.04	5.25e-02	1.00			
97,372,143,372																
543	ok	s=5,m=13	0.01	0.06	0.13	1	1.5	3.25e-02	117.3	0.33	0.04	5.21e-02	1.00			
34,384,143,376																
544	ok	s=5,m=13	0.02	0.06	0.12	1	1.5	3.25e-02	117.3	0.33	0.05	5.17e-02	1.00			
33,378,143,378																
545	ok	s=5,m=13	0.02	0.06	0.12	1	1.5	3.25e-02	117.3	0.33	0.05	5.16e-02	1.00			
34,384,143,376																
546	ok	s=5,m=13	0.01	0.06	0.13	1	1.5	3.25e-02	117.3	0.33	0.04	5.22e-02	1.00			
33,378,143,378																
547	ok	s=5,m=13	5.98e-03	0.05	0.13	1	1.5	3.25e-02	117.3	0.33	0.04	5.26e-02	1.00			
98,376,143,376																
548	ok	s=5,m=13	0.03	0.12	0.12	1	1.5	3.25e-02	117.3	0.33	0.05	5.05e-02	1.00			
375,378,375,378																
549	ok	s=5,m=13	0.21	0.74		1	1.5	2.79e-02	117.3	0.33	0.14	3.68e-02	1.00			
385,379,0,382																
552	ok	s=5,m=13	0.22	0.36		1	1.5	2.27e-02	117.3	0.33	0.06	2.41e-02	1.00			
375,375,0,378																
562	oks	=24,m=13	0.01	0.02		1	0.2	0.6	43.3	0.85	0.02	7.45e-02	1.00	93,130,0,93		
563	ok	s=5,m=13	0.25	0.23		1	1.5	2.27e-02	117.3	0.33	0.10	2.97e-02	1.00			
375,372,0,359																
564	ok	s=5,m=13	0.23	0.27		1	1.5	2.79e-02	117.3	0.33	0.18	3.67e-02	1.00			
385,384,0,373																
565	ok	s=5,m=13	0.07	0.10		1	1.5	2.27e-02	117.3	0.33	0.08	3.24e-02	1.00			
377,356,0,356																
566	ok	s=5,m=13	0.07	0.13		1	1.5	2.79e-02	117.3	0.33	0.10	3.95e-02	1.00			
383,361,0,361																
567	ok	s=5,m=13	0.07	0.06		1	1.5	2.27e-02	117.3	0.33	0.05	3.14e-02	1.00	134,97,0,97		
568	ok	s=5,m=13	0.07	0.16		1	1.5	2.79e-02	117.3	0.33	0.13	4.07e-02	1.00			
86,370,0,370																
569	ok	s=5,m=13	0.17	0.15		1	1.5	2.27e-02	117.3	0.33	0.13	3.05e-02	1.00			
376,368,0,368																
570	ok	s=5,m=13	0.15	0.27		1	1.5	2.79e-02	117.3	0.33	0.18	3.93e-02	1.00			
386,383,0,366																
571	ok	s=5,m=13	0.14	0.26		1	1.5	2.27e-02	117.3	0.33	0.06	3.03e-02	1.00			
376,376,0,364																
572	ok	s=5,m=13	0.14	0.27		1	1.5	2.79e-02	117.3	0.33	0.09	3.74e-02	1.00			
386,386,0,377																
576	oks	=24,m=13	0.03	0.10		1	0.2	0.6	43.3	0.85	0.09	8.75e-02	1.00	2,156,0,2		
577	oks	=24,m=13	0.02	0.05		1	0.2	0.6	43.3	0.85	0.04	8.21e-02	1.00	2,156,0,2		
578	oks	=24,m=13	0.14	0.20		1	2.34e-02	0.6	43.3	0.85	0.17	1.07e-02	1.00	98,154,0,2		
582	oks	=24,m=13	6.98e-03	0.02		1	0.2	0.6	42.2	0.86	0.01	7.46e-02	1.00	7,360,0,5		
583	oks	=25,m=13	0.04	0.17	0.60	1	3.5	2.2	268.0	0.07	0.31	1.3	0.53	97,105,1,93		
584	oks	=25,m=13	0.04	0.21	0.16	1	3.5	2.2	268.0	0.07	0.39	1.3	0.53	93,6,356,6		
588	oks	=25,m=13	0.10	0.42		1	3.5	2.2	268.0	0.07	0.79	1.3	0.53			
125,117,0,125																

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589	oks=25,m=13	0.09	0.36		1	3.5	2.2	268.0	0.07	0.69	1.3	0.53		
125,165,0,125														
590	oks=24,m=13	0.09	0.41		1	0.2	0.6	43.3	0.85	0.40	9.03e-02	1.00		
125,125,0,125														
594	oks=24,m=13	0.05	0.18		1	0.2	0.6	43.3	0.85	0.16	9.06e-02	1.00	98,154,0,2	
595	oks=25,m=13	0.09	0.36		1	3.5	2.2	268.0	0.07	0.69	1.3	0.53		
125,161,0,125														
596	oks=24,m=13	6.94e-03	0.01		1	0.2	0.6	43.3	0.85	0.01	7.46e-02	1.00	2,366,0,2	
601	oks=25,m=13	0.10	0.42		1	3.5	2.2	268.0	0.07	0.79	1.3	0.53		
125,117,0,125														
606	oks=24,m=13	0.14	0.20		1	2.34e-02	0.6	43.3	0.85	0.17	1.07e-02	1.00	133,156,0,2	
607	oks=25,m=13	0.05	0.20	0.15	1	3.5	2.2	268.0	0.07	0.39	1.3	0.53	125,6,370,2	
608	oks=25,m=13	0.04	0.20	0.70	1	3.5	2.2	268.0	0.07	0.37	1.3	0.53		
125,125,1,125														
612	oks=24,m=13	6.94e-03	0.01		1	0.2	0.6	43.3	0.85	0.01	7.46e-02	1.00	2,370,0,2	
613	oks=25,m=13	0.04	0.19	0.68	1	3.5	2.2	268.0	0.07	0.37	1.3	0.53	94,5,3,125	
614	oks=25,m=13	0.05	0.20	0.15	1	3.5	2.2	268.0	0.07	0.39	1.3	0.53		
125,98,356,2														
618	oks=24,m=13	0.03	0.10		1	0.2	0.6	43.3	0.85	0.09	8.75e-02	1.00	2,154,0,2	
619	oks=24,m=13	0.02	0.05		1	0.2	0.6	43.3	0.85	0.04	8.21e-02	1.00	2,154,0,2	
620	oks=24,m=13	0.10	0.43		1	2.34e-02	0.6	43.3	0.85	0.42	1.07e-02	1.00		
125,125,0,125														
626	oks=24,m=13	0.01	0.02		1	0.2	0.6	43.3	0.85	0.02	7.45e-02	1.00		
125,125,0,125														
630	oks=24,m=13	0.07	0.23		1	0.2	0.6	43.3	0.85	0.23	8.70e-02	1.00		
125,125,0,125														
631	oks=24,m=13	0.04	0.10		1	0.2	0.6	43.3	0.85	0.10	8.17e-02	1.00		
125,125,0,125														
632	oks=24,m=13	0.05	0.18		1	0.2	0.6	43.3	0.85	0.16	9.06e-02	1.00	133,153,0,2	
635	oks=30,m=13	0.07	0.29		3	1.0	0.6	76.9	0.54	0.32	0.6	0.96		
355,358,0,358														
638	oks=30,m=13	0.07	0.21		3	1.0	0.6	76.9	0.54	0.23	0.6	0.96		
102,358,0,358														
641	oks=30,m=13	0.07	0.16		3	1.0	0.6	76.9	0.54	0.18	0.6	0.96		
90,355,0,355														
644	oks=30,m=13	0.07	0.16		3	1.0	0.6	76.9	0.54	0.18	0.6	0.96		
90,370,0,370														
647	oks=30,m=13	0.05	0.20		3	1.0	0.6	76.9	0.54	0.22	0.6	0.96		
367,365,0,365														
649	oks=10,m=13	0.05	0.17		1	0.7	0.3	55.8	0.77	0.09	0.5	1.00		
374,358,0,358														
651	oks=10,m=13	0.06	0.16		1	0.7	0.3	55.8	0.77	0.09	0.2	1.00		
380,360,0,360														
653	oks=10,m=13	0.08	0.22		1	0.7	0.3	55.8	0.77	0.11	0.5	1.00		
373,357,0,357														
655	oks=10,m=13	0.08	0.22		1	0.7	0.3	55.8	0.77	0.11	0.5	1.00		
379,359,0,359														
657	oks=10,m=13	0.08	0.20		1	0.7	0.3	55.8	0.77	0.10	0.5	1.00		
126,362,0,362														
659	oks=10,m=13	0.08	0.19		1	0.7	0.3	55.8	0.77	0.10	0.5	1.00		
125,356,0,356														
661	oks=10,m=13	0.06	0.20		1	0.7	0.3	55.8	0.77	0.10	0.5	1.00		
126,370,0,370														
663	oks=10,m=13	0.07	0.20		1	0.7	0.3	55.8	0.77	0.10	0.5	1.00		
129,364,0,364														
665	oks=10,m=13	0.08	0.28		1	0.7	0.3	55.8	0.77	0.15	0.2	1.00		
366,366,0,366														
667	oks=10,m=13	0.08	0.28		1	0.7	0.3	55.8	0.77	0.15	0.2	1.00		
368,368,0,368														
669	oks=10,m=13	0.06	0.16		1	0.7	0.3	55.8	0.77	0.09	0.5	1.00		
377,365,0,365														
671	oks=10,m=13	0.06	0.16		1	0.7	0.3	55.8	0.77	0.09	0.5	1.00		
383,367,0,367														
672	oks=11,m=13	3.99e-03	0.02		1	1.7	1.0	129.2	0.26	0.02	0.6	0.93	26,94,0,94	
673	oks=11,m=13	3.99e-03	0.02	0.07	1	1.7	1.0	129.2	0.26	0.02	0.6	0.93	1,383,383,6	
674	oks=11,m=13	3.99e-03	0.02	0.08	1	1.7	1.0	129.2	0.26	0.02	0.6	0.93		
45,383,383,25														
675	oks=11,m=13	4.21e-03	0.02	0.09	1	1.8	1.1	136.3	0.24	0.02	0.7	0.92	1,383,383,5	

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676	oks=11,m=13	3.99e-03	0.02	0.06	1	1.7	1.0	129.2	0.26	0.02	0.6	0.93	30,6,371,6
677	oks=11,m=13	3.99e-03	0.02	0.07	1	1.7	1.0	129.2	0.26	0.02	0.6	0.93	25,377,377,7
678	oks=11,m=13	3.99e-03	0.02	0.08	1	1.7	1.0	129.2	0.26	0.02	0.6	0.93	5,377,377,102
679	oks=11,m=13	4.21e-03	0.02	0.09	1	1.8	1.1	136.3	0.24	0.02	0.7	0.92	5,377,377,2
680	oks=11,m=13	2.81e-03	0.12	0.27	1	1.2	0.7	91.0	0.44	7.62e-03	0.5	0.98	2,378,378,5
681	oks=11,m=13	4.75e-03	0.10	0.25	1	2.0	1.2	153.7	0.19	0.02	0.7	0.89	1,375,378,1
682	oks=11,m=13	3.19e-03	0.07		1	1.4	0.8	103.2	0.37	9.99e-03	0.5	0.97	25,375,0,138
683	oks=11,m=13	3.38e-03	0.09	0.10	1	1.4	0.9	109.3	0.34	0.01	0.6	0.96	94,384,385,2
684	oks=11,m=13	2.84e-03	0.08	0.18	1	1.2	0.7	91.8	0.43	7.76e-03	0.5	0.98	32,376,376,4
685	oks=11,m=13	2.81e-03	0.12	0.27	1	1.2	0.7	91.0	0.44	7.62e-03	0.5	0.98	110,384,384,2
686	oks=11,m=13	4.75e-03	0.10	0.25	1	2.0	1.2	153.7	0.19	0.02	0.7	0.89	1,385,384,1
687	oks=11,m=13	3.19e-03	0.07		1	1.4	0.8	103.2	0.37	9.99e-03	0.5	0.97	93,377,0,42
688	oks=11,m=13	3.38e-03	0.09	0.10	1	1.4	0.9	109.3	0.34	0.01	0.6	0.96	6,378,375,7
689	oks=11,m=13	2.84e-03	0.08	0.18	1	1.2	0.7	91.8	0.43	7.76e-03	0.5	0.98	5,378,378,6
690	oks=11,m=13	2.81e-03	0.06	0.13	1	1.2	0.7	91.0	0.44	7.62e-03	0.5	0.98	6,378,378,151
691	oks=11,m=13	4.75e-03	0.05	0.16	1	2.0	1.2	153.7	0.19	0.02	0.7	0.89	1,373,372,1
692	oks=11,m=13	3.19e-03	0.02		1	1.4	0.8	103.2	0.37	9.99e-03	0.5	0.97	45,79,0,5
693	oks=11,m=13	3.38e-03	0.03		1	1.4	0.9	109.3	0.34	0.01	0.6	0.96	153,376,0,87
694	oks=11,m=13	2.84e-03	0.03	0.08	1	1.2	0.7	91.8	0.43	7.76e-03	0.5	0.98	6,373,373,156
705	oks=12,m=13	0.03	0.15	0.50	1	1.5	0.9	112.2	0.32	0.10	0.6	0.92	90,376,376,90
706	oks=12,m=13	0.03	0.18	0.57	1	1.5	0.9	112.2	0.32	0.10	0.6	0.92	90,376,376,90
707	oks=12,m=13	0.03	0.15	0.51	1	1.5	0.9	112.2	0.32	0.10	0.6	0.92	90,41,41,90
708	oks=12,m=13	0.03	0.13	0.34	1	1.5	1.0	118.4	0.30	0.11	0.7	0.92	90,90,41,90
709	oks=12,m=13	0.03	0.15	0.49	1	1.5	0.9	112.2	0.32	0.10	0.6	0.92	89,386,386,89
710	oks=12,m=13	0.03	0.18	0.57	1	1.5	0.9	112.2	0.32	0.10	0.6	0.92	89,386,386,89
711	oks=12,m=13	0.03	0.15	0.51	1	1.5	0.9	112.2	0.32	0.10	0.6	0.92	89,42,42,89
712	oks=12,m=13	0.03	0.13	0.33	1	1.5	1.0	118.4	0.30	0.11	0.7	0.92	89,89,42,89
777	oks=17,m=13	1.01e-03	9.61e-03		1	0.9	0.5	66.8	0.62	0.0	0.4	1.00	1,101,0,359
778	oks=17,m=13	9.67e-04	8.81e-03		1	0.8	0.5	63.9	0.64	0.0	0.4	1.00	5,7,0,372
779	oks=17,m=13	1.01e-03	9.61e-03		1	0.9	0.5	66.8	0.62	0.0	0.4	1.00	1,5,0,36
780	oks=17,m=13	2.15e-03	0.02		1	0.8	0.5	63.9	0.64	0.0	0.4	1.00	1,1,0,379
781	oks=17,m=13	1.01e-03	9.61e-03		1	0.9	0.5	66.8	0.62	0.0	0.4	1.00	5,90,0,356
782	oks=17,m=13	9.67e-04	8.81e-03		1	0.8	0.5	63.9	0.64	0.0	0.4	1.00	1,29,0,383
783	oks=17,m=13	1.01e-03	9.61e-03		1	0.9	0.5	66.8	0.62	0.0	0.4	1.00	5,6,0,356
784	oks=17,m=13	1.01e-03	9.61e-03		1	0.9	0.5	66.8	0.62	0.0	0.4	1.00	3,101,0,368
785	oks=17,m=13	9.67e-04	8.81e-03		1	0.8	0.5	63.9	0.64	0.0	0.4	1.00	5,106,0,374
786	oks=17,m=13	1.01e-03	9.61e-03		1	0.9	0.5	66.8	0.62	0.0	0.4	1.00	1,90,0,365
787	oks=17,m=13	4.78e-03	0.04		1	0.8	0.5	63.9	0.64	0.0	0.4	1.00	90,2,0,384
788	oks=17,m=13	1.01e-03	9.61e-03		1	0.9	0.5	66.8	0.62	0.0	0.4	1.00	2,2,0,355
789	oks=17,m=13	9.67e-04	8.81e-03		1	0.8	0.5	63.9	0.64	0.0	0.4	1.00	101,31,0,379
790	oks=17,m=13	1.01e-03	9.61e-03		1	0.9	0.5	66.8	0.62	0.0	0.4	1.00	2,102,0,355
791	oks=17,m=13	6.23e-03	0.06		1	0.8	0.5	63.9	0.64	0.0	0.4	1.00	2,30,0,374
792	oks=17,m=13	9.08e-03	0.05		1	0.9	0.5	66.8	0.62	0.02	0.4	1.00	90,94,0,90
793	oks=17,m=13	8.49e-03	0.05		1	0.8	0.5	63.9	0.64	0.02	0.4	1.00	103,91,0,91
794	oks=17,m=13	9.08e-03	0.05		1	0.9	0.5	66.8	0.62	0.02	0.4	1.00	89,101,0,89
795	oks=17,m=13	8.49e-03	0.07		1	0.8	0.5	63.9	0.64	0.02	0.4	1.00	91,91,0,91
796	oks=17,m=13	0.02	0.10		1	0.9	0.5	66.8	0.62	0.04	0.4	1.00	90,90,0,90
797	oks=17,m=13	0.02	0.09		1	0.8	0.5	63.9	0.64	0.03	0.4	1.00	103,91,0,91
798	oks=17,m=13	0.02	0.10		1	0.9	0.5	66.8	0.62	0.04	0.4	1.00	89,101,0,89
799	oks=17,m=13	0.03	0.13		1	0.8	0.5	63.9	0.64	0.05	0.4	1.00	103,91,0,91
800	oks=17,m=13	0.02	0.10		1	0.9	0.5	66.8	0.62	0.04	0.4	1.00	90,90,0,90
801	oks=17,m=13	0.02	0.09		1	0.8	0.5	63.9	0.64	0.03	0.4	1.00	91,91,0,91
802	oks=17,m=13	0.02	0.10		1	0.9	0.5	66.8	0.62	0.04	0.4	1.00	89,89,0,89
803	oks=17,m=13	0.03	0.07		1	0.3	0.5	39.2	0.88	0.06	0.2	1.00	

Firmato digitalmente da: Ing. Massimo
Firmato il 2024 18:24
Seriale Certificato:
01/09/2023 al
Qualified Electronic

126,133,0,126
804 oks=17,m=13 0.02 0.07 1 0.3 0.5 41.0 0.87 0.05 0.2 1.00
126,129,0,126
805 oks=17,m=13 0.02 0.07 1 0.3 0.5 39.2 0.88 0.05 0.2 1.00 93,106,0,93
806 oks=17,m=13 0.02 0.07 1 0.3 0.5 41.0 0.87 0.05 0.2 1.00 93,130,0,93
855 oks=17,m=13 6.24e-03 0.07 1 0.3 0.5 39.2 0.88 0.06 0.1 1.00
126,106,0,143
856 oks=17,m=13 0.03 0.07 1 0.3 0.5 39.2 0.88 0.06 0.2 1.00 93,106,0,93
857 oks=17,m=13 6.40e-03 0.07 1 0.3 0.5 41.0 0.87 0.06 0.1 1.00
357,106,0,126
858 oks=17,m=13 0.02 0.07 1 0.3 0.5 41.0 0.87 0.05 0.2 1.00 93,106,0,93
859 oks=17,m=13 7.26e-03 0.07 1 0.3 0.5 39.2 0.88 0.05 0.1 1.00
361,94,0,167
860 oks=17,m=13 0.02 0.07 1 0.3 0.5 39.2 0.88 0.05 0.2 1.00
126,133,0,126
861 oks=17,m=13 6.41e-03 0.07 1 0.3 0.5 41.0 0.87 0.06 0.1 1.00
359,125,0,93
862 oks=17,m=13 0.02 0.07 1 0.3 0.5 41.0 0.87 0.05 0.2 1.00
126,105,0,126
863 oks=17,m=13 0.01 0.09 1 0.3 0.5 41.0 0.87 0.02 0.2 1.00
362,362,0,126
864 oks=17,m=13 0.01 0.08 1 0.3 0.5 41.0 0.87 0.02 0.2 1.00
359,359,0,126
865 oks=17,m=13 0.01 0.06 1 0.3 0.5 41.0 0.87 0.02 0.2 1.00
126,359,0,93
866 oks=17,m=13 0.01 0.09 1 0.3 0.5 41.0 0.87 0.02 0.2 1.00
356,356,0,93
867 oks=17,m=13 0.01 0.08 1 0.3 0.5 41.0 0.87 0.02 0.2 1.00
357,357,0,93
868 oks=17,m=13 0.01 0.06 1 0.3 0.5 41.0 0.87 0.02 0.2 1.00
93,357,0,126
869 oks=17,m=13 0.01 0.09 1 0.3 0.5 39.2 0.88 0.02 0.2 1.00
362,362,0,93
870 oks=17,m=13 0.01 0.08 1 0.3 0.5 39.2 0.88 0.02 0.2 1.00
361,362,0,167
871 oks=17,m=13 0.01 0.09 1 0.3 0.5 39.2 0.88 0.02 0.2 1.00
356,356,0,126
872 oks=17,m=13 0.01 0.07 1 0.3 0.5 39.2 0.88 0.02 0.2 1.00
126,359,0,126
873 oks=17,m=13 9.51e-03 0.07 1 0.3 0.5 39.2 0.88 0.02 0.2 1.00 360,359,0,3
874 oks=17,m=13 0.01 0.07 1 0.3 0.5 39.2 0.88 0.02 0.2 1.00 93,357,0,93
907 oks=17,m=13 1.01e-03 9.61e-03 1 0.9 0.5 66.8 0.62 0.0 0.4 1.00 7,89,0,357
908 oks=17,m=13 9.67e-04 8.81e-03 1 0.8 0.5 63.9 0.64 0.0 0.4 1.00 89,2,0,376
909 oks=17,m=13 1.01e-03 9.61e-03 1 0.9 0.5 66.8 0.62 0.0 0.4 1.00 2,102,0,359
910 oks=17,m=13 3.96e-03 0.03 1 0.8 0.5 63.9 0.64 7.49e-03 0.4 1.00 92,92,0,92
911 oks=17,m=13 1.01e-03 9.61e-03 1 0.9 0.5 66.8 0.62 0.0 0.4 1.00 5,90,0,358
912 oks=17,m=13 9.67e-04 8.81e-03 1 0.8 0.5 63.9 0.64 0.0 0.4 1.00
101,96,0,371
913 oks=17,m=13 1.01e-03 9.61e-03 1 0.9 0.5 66.8 0.62 0.0 0.4 1.00 1,89,0,368
914 oks=17,m=13 9.50e-03 0.06 1 0.9 0.5 66.8 0.62 0.02 0.4 1.00 90,90,0,90
915 oks=17,m=13 0.02 0.09 1 0.8 0.5 63.9 0.64 0.03 0.4 1.00 92,92,0,92
916 oks=17,m=13 9.50e-03 0.06 1 0.9 0.5 66.8 0.62 0.02 0.4 1.00 89,89,0,89
917 oks=17,m=13 0.01 0.07 1 0.8 0.5 63.9 0.64 0.02 0.4 1.00 92,92,0,92
918 oks=17,m=13 0.02 0.10 1 0.9 0.5 66.8 0.62 0.04 0.4 1.00 90,90,0,90
919 oks=11,m=13 3.33e-03 0.02 1 1.4 0.9 107.6 0.35 0.01 0.6 0.96
126,381,0,126
920 oks=17,m=13 0.02 0.10 1 0.9 0.5 66.8 0.62 0.04 0.4 1.00 89,89,0,89
921 oks=17,m=13 0.02 0.09 1 0.8 0.5 63.9 0.64 0.03 0.4 1.00
116,104,0,104
922 oks=17,m=13 0.02 0.10 1 0.9 0.5 66.8 0.62 0.04 0.4 1.00 90,90,0,90
923 oks=17,m=13 0.03 0.13 1 0.8 0.5 63.9 0.64 0.05 0.4 1.00 104,92,0,92
924 oks=17,m=13 0.02 0.10 1 0.9 0.5 66.8 0.62 0.04 0.4 1.00 89,89,0,89
925 oks=17,m=13 0.02 0.09 1 0.8 0.5 63.9 0.64 0.03 0.4 1.00 92,92,0,104
926 oks=17,m=13 0.02 0.10 1 0.9 0.5 66.8 0.62 0.04 0.4 1.00 90,90,0,90
927 oks=17,m=13 0.02 0.09 0.19 1 0.8 0.5 63.9 0.64 0.03 0.4 1.00 92,92,4,92
928 oks=17,m=13 0.02 0.10 1 0.9 0.5 66.8 0.62 0.04 0.4 1.00 89,89,0,89
929 oks=17,m=13 0.03 0.13 0.22 1 0.8 0.5 63.9 0.64 0.05 0.4 1.00 92,92,4,92
930 oks=17,m=13 0.02 0.10 1 0.9 0.5 66.8 0.62 0.04 0.4 1.00 90,90,0,90

Firmato digitalmente da: Massimo
Firmato il 15/07/2024 18:24
Serial Certificato: 2
Valido dal 01/09/2023 al
Qualified Electronic

931	oks=17,m=13	0.02	0.09	1	0.8	0.5	63.9	0.64	0.03	0.4	1.00	104,92,0,92	
932	oks=17,m=13	0.02	0.10	1	0.9	0.5	66.8	0.62	0.04	0.4	1.00	89,89,0,89	
933	oks=17,m=13	0.03	0.07	1	0.3	0.5	39.2	0.88	0.06	0.2	1.00		
126,125,0,126													
934	oks=17,m=13	0.02	0.08	1	0.3	0.5	41.0	0.87	0.05	0.2	1.00		
126,125,0,126													
935	oks=17,m=13	0.02	0.07	1	0.3	0.5	39.2	0.88	0.05	0.2	1.00	93,126,0,93	
936	oks=17,m=13	0.02	0.08	1	0.3	0.5	41.0	0.87	0.05	0.2	1.00	93,130,0,93	
979	oks=17,m=13	6.24e-03	0.08	1	0.3	0.5	39.2	0.88	0.06	0.1	1.00	126,126,0,3	
980	oks=17,m=13	0.03	0.07	1	0.3	0.5	39.2	0.88	0.06	0.2	1.00	93,126,0,93	
981	oks=17,m=13	6.09e-03	0.07	1	0.3	0.5	41.0	0.87	0.06	0.1	1.00		
366,130,0,126													
982	oks=17,m=13	0.02	0.07	1	0.3	0.5	41.0	0.87	0.05	0.2	1.00	93,126,0,93	
983	oks=17,m=13	7.11e-03	0.07	1	0.3	0.5	39.2	0.88	0.05	0.1	1.00	370,90,0,1	
984	oks=17,m=13	0.02	0.07	1	0.3	0.5	39.2	0.88	0.05	0.2	1.00		
126,125,0,126													
985	oks=17,m=13	6.12e-03	0.07	1	0.3	0.5	41.0	0.87	0.06	0.1	1.00		
368,125,0,93													
986	oks=17,m=13	0.02	0.07	1	0.3	0.5	41.0	0.87	0.05	0.2	1.00		
126,129,0,126													
987	oks=17,m=13	0.01	0.09	1	0.3	0.5	41.0	0.87	0.02	0.2	1.00		
369,369,0,126													
988	oks=17,m=13	0.01	0.07	1	0.3	0.5	41.0	0.87	0.02	0.2	1.00		
368,368,0,126													
989	oks=17,m=13	0.01	0.05	1	0.3	0.5	41.0	0.87	0.02	0.2	1.00		
126,368,0,93													
990	oks=17,m=13	0.01	0.09	1	0.3	0.5	41.0	0.87	0.02	0.2	1.00		
363,363,0,93													
991	oks=17,m=13	0.01	0.07	1	0.3	0.5	41.0	0.87	0.02	0.2	1.00		
366,366,0,93													
992	oks=17,m=13	0.01	0.05	1	0.3	0.5	41.0	0.87	0.02	0.2	1.00		
93,366,0,126													
993	oks=17,m=13	0.01	0.08	1	0.3	0.5	39.2	0.88	0.02	0.2	1.00		
369,369,0,93													
994	oks=17,m=13	0.01	0.08	1	0.3	0.5	39.2	0.88	0.02	0.2	1.00	370,369,0,4	
995	oks=17,m=13	0.01	0.08	1	0.3	0.5	39.2	0.88	0.02	0.2	1.00		
363,363,0,126													
996	oks=17,m=13	0.01	0.07	1	0.3	0.5	39.2	0.88	0.02	0.2	1.00		
126,368,0,126													
997	oks=17,m=13	9.40e-03	0.07	1	0.3	0.5	39.2	0.88	0.02	0.2	1.00	367,368,0,4	
998	oks=17,m=13	0.01	0.06	1	0.3	0.5	39.2	0.88	0.02	0.2	1.00	93,366,0,93	
1003	oks=30,m=13	0.01	0.04	3	1.0	0.6	76.9	0.54	0.04	0.6	0.96		
361,359,0,359													
1008	oks=11,m=13	0.06	0.29	1	2.1	1.3	163.5	0.17	0.33	0.7	0.88	126,90,0,93	
1011	oks=11,m=13	3.33e-03	0.02	1	1.4	0.9	107.6	0.35	0.01	0.6	0.96		
126,371,0,93													
1037	ok s=5,m=13	0.21	0.35	1	1.5	2.28e-02	117.3	0.33	0.09	3.20e-02	1.00		
385,379,0,361													
1038	ok s=5,m=13	0.25	0.23	1	1.5	2.28e-02	117.3	0.33	0.10	3.03e-02	1.00		
385,382,0,357													
1039	ok s=5,m=13	0.07	0.10	1	1.5	2.28e-02	117.3	0.33	0.08	3.32e-02	1.00		
129,370,0,362													
1040	ok s=5,m=13	0.06	0.13	1	1.5	2.28e-02	117.3	0.33	0.11	3.22e-02	1.00		
85,370,0,370													
1041	ok s=5,m=13	0.16	0.15	1	1.5	2.28e-02	117.3	0.33	0.13	3.10e-02	1.00		
386,370,0,366													
1042	ok s=5,m=13	0.14	0.26	1	1.5	2.28e-02	117.3	0.33	0.06	3.06e-02	1.00		
386,386,0,370													
1043	ok s=5,m=13	0.23	0.10	1	1.5	5.20e-03	117.3	0.33	0.06	7.27e-03	1.00		
375,373,0,373													
1044	ok s=5,m=13	0.29	0.08	1	1.5	5.20e-03	117.3	0.33	0.06	7.85e-03	1.00		
375,372,0,357													
1045	ok s=5,m=13	0.07	0.07	1	1.5	5.20e-03	117.3	0.33	0.06	8.14e-03	1.00		
377,356,0,356													
1046	ok s=5,m=13	0.05	0.04	1	1.5	5.20e-03	117.3	0.33	0.04	7.94e-03	1.00	134,97,0,97	
1047	ok s=5,m=13	0.19	0.10	1	1.5	5.20e-03	117.3	0.33	0.08	7.96e-03	1.00		
376,363,0,363													
1048	ok s=5,m=13	0.15	0.10	1	1.5	5.20e-03	117.3	0.33	0.07	7.99e-03	1.00		

Firmato digitalmente da: Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
Qualified Electronic

376,364,0,364

1049	oks=25,m=13	0.09	0.36		1	3.5	2.2	268.0	0.07	0.67	1.3	0.53	93,141,0,93	
1050	oks=24,m=13	0.09	0.40		1	0.2	0.6	43.3	0.85	0.40	9.03e-02	1.00	93,94,0,93	
1052	oks=25,m=13	0.04	0.21	0.16	1	3.5	2.2	268.0	0.07	0.39	1.3	0.53	94,6,362,6	
1053	oks=25,m=13	0.04	0.17	0.60	1	3.5	2.2	268.0	0.07	0.32	1.3	0.53		

126,130,2,134

1054	oks=24,m=13	6.98e-03	0.02		1	0.2	0.6	42.2	0.86	0.01	7.46e-02	1.00	6,362,0,6	
1055	oks=25,m=13	0.09	0.36		1	3.5	2.2	268.0	0.07	0.67	1.3	0.53	93,141,0,93	
1056	oks=24,m=13	0.07	0.18		1	0.2	0.6	42.2	0.86	0.17	9.06e-02	1.00	134,154,0,6	
1057	oks=24,m=13	0.03	0.10		1	0.2	0.6	42.2	0.86	0.09	8.75e-02	1.00	6,173,0,6	
1058	oks=24,m=13	0.02	0.05		1	0.2	0.6	42.2	0.86	0.04	8.21e-02	1.00	6,153,0,6	
1063	oks=24,m=13	0.07	0.23		1	0.2	0.6	43.3	0.85	0.23	8.70e-02	1.00	93,94,0,93	
1064	oks=24,m=13	0.04	0.10		1	0.2	0.6	43.3	0.85	0.10	8.17e-02	1.00	93,93,0,93	
1065	oks=24,m=13	0.07	0.18		1	0.2	0.6	42.2	0.86	0.17	9.06e-02	1.00	93,154,0,7	
1066	oks=24,m=13	0.03	0.10		1	0.2	0.6	42.2	0.86	0.09	8.75e-02	1.00	5,174,0,6	
1067	oks=24,m=13	0.02	0.05		1	0.2	0.6	42.2	0.86	0.04	8.21e-02	1.00	5,178,0,7	
1068	oks=24,m=13	0.10	0.42		1	2.34e-02	0.6	43.3	0.85	0.42	1.07e-02	1.00	94,94,0,93	
1069	oks=25,m=13	0.10	0.43	0.99	1	3.5	2.2	268.0	0.07	0.82	1.3	0.53	94,153,1,93	
1070	oks=25,m=13	0.10	0.41		1	3.5	2.2	268.0	0.07	0.78	1.3	0.53	93,93,0,93	
1071	oks=25,m=13	0.10	0.43	0.99	1	3.5	2.2	268.0	0.07	0.82	1.3	0.53	93,153,2,93	
1072	oks=25,m=13	0.10	0.41		1	3.5	2.2	268.0	0.07	0.78	1.3	0.53	93,141,0,93	
1078	oks=27,m=13	1.74e-03	0.02		1	1.0	0.6	75.6	0.55	4.34e-03	0.4	1.00	2,379,0,31	
1079	oks=27,m=13	1.74e-03	0.02		1	1.0	0.6	75.6	0.55	4.34e-03	0.4	1.00	90,373,0,25	
1080	oks=22,m=13	0.07	0.29		1	0.8	0.4	64.5	0.70	0.29	0.2	1.00		

361,361,0,361

1083	oks=22,m=13	0.07	0.29		1	0.8	0.4	64.5	0.70	0.29	0.2	1.00		

362,362,0,362

1100	oks=27,m=13	1.74e-03	0.06	0.11	1	1.0	0.6	75.6	0.55	4.34e-03	0.4	1.00	7,380,381,6	
1101	oks=27,m=13	1.74e-03	0.06	0.11	1	1.0	0.6	75.6	0.55	4.34e-03	0.4	1.00		

90,376,377,2

1102	oks=27,m=13	1.74e-03	0.08	0.15	1	1.0	0.6	75.6	0.55	4.34e-03	0.4	1.00	5,381,381,5	
1103	oks=27,m=13	1.74e-03	0.08	0.15	1	1.0	0.6	75.6	0.55	4.34e-03	0.4	1.00		

101,377,377,8

1104	oks=27,m=13	1.74e-03	0.09	0.17	1	1.0	0.6	75.6	0.55	4.34e-03	0.4	1.00		

2,380,381,105

1105	oks=27,m=13	1.74e-03	0.09	0.17	1	1.0	0.6	75.6	0.55	4.34e-03	0.4	1.00		

30,376,377,7

1106	oks=27,m=13	1.74e-03	0.17	0.72	1	1.8	1.1	134.6	0.24	8.42e-03	0.7	0.92		

2,376,376,102

1107	oks=27,m=13	1.74e-03	0.16	0.64	1	1.7	1.1	133.0	0.25	8.30e-03	0.7	0.92		

159,377,376,6

1108	oks=27,m=13	1.74e-03	0.13	0.52	1	1.7	1.1	133.0	0.25	8.30e-03	0.7	0.92	5,376,376,6	
1109	oks=27,m=13	1.74e-03	0.10	0.58	1	2.1	1.3	163.7	0.17	0.01	0.7	0.88		

148,377,376,7

1110	oks=27,m=13	1.74e-03	0.10	0.58	1	2.1	1.3	163.7	0.17	0.01	0.7	0.88		

122,383,386,31

1111	oks=27,m=13	1.74e-03	0.13	0.52	1	1.7	1.1	133.0	0.25	8.30e-03	0.7	0.92		

138,380,380,1

1112	oks=27,m=13	1.74e-03	0.16	0.64	1	1.7	1.1	133.0	0.25	8.30e-03	0.7	0.92	7,381,380,2	
1113	oks=27,m=13	1.74e-03	0.17	0.72	1	1.8	1.1	134.6	0.24	8.42e-03	0.7	0.92		

1,386,386,59

1114	oks=22,m=13	0.06	0.29		1	0.8	0.4	64.5	0.70	0.29	0.2	1.00		

360,360,0,360

1115	oks=22,m=13	0.07	0.29		1	0.8	0.4	64.5	0.70	0.29	0.3	1.00		

359,359,0,359

1116	oks=27,m=13	1.74e-03	0.01		1	1.0	0.6	75.6	0.55	4.34e-03	0.4	1.00	5,374,0,29	
1117	oks=27,m=13	2.92e-03	0.02	0.08	1	1.7	1.0	126.4	0.27	0.01	0.6	0.93		

102,378,375,6

1118	oks=27,m=13	2.92e-03	0.02	0.08	1	1.7	1.0	126.4	0.27	0.01	0.6	0.93		

6,384,385,101

Trave	**V V/T**	**V N/M**	**V stab**	**LamS 22**	**LamS 33**	**Snell.**	**Chi mn**	**V flst**	**LamS LT**	**Chi LT**
							0.07			0.53
	0.29	0.77	0.99	3.51	2.22	268.04		0.82	1.31	

Pilas.	**Stato**	**Note**	**V V/T**	**V N/M**	**V stab**	**Cl.LamS 22**	**LamS 33**	**Snell.**	**Chi mn**	**V flst**	**LamS LT**	**Chi LT**	**Rif. cmb**

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633	ok	s=8,m=13	0.06	0.60		1	0.9	0.5	69.8	0.59	0.26	0.2	1.00	
360,376,0,360														
634	ok	s=8,m=13	0.07	0.60		1	0.9	0.5	69.8	0.59	0.33	0.2	1.00	
358,380,0,358														
636	ok	s=8,m=13	0.05	0.58		1	0.9	0.5	69.8	0.59	0.24	0.2	1.00	
355,374,0,355														
637	ok	s=8,m=13	0.05	0.58		1	0.9	0.5	69.8	0.59	0.25	0.2	1.00	
358,380,0,358														
639	ok	s=8,m=13	0.04	0.58		1	0.9	0.5	69.8	0.59	0.19	0.2	1.00	
355,371,0,355														
640	ok	s=8,m=13	0.04	0.57		1	0.9	0.5	69.8	0.59	0.19	0.2	1.00	
357,381,0,361														
642	ok	s=8,m=13	0.04	0.59		1	0.9	0.5	69.8	0.59	0.19	0.2	1.00	
363,371,0,363														
643	ok	s=8,m=13	0.04	0.59		1	0.9	0.5	69.8	0.59	0.20	0.2	1.00	
369,381,0,369														
645	ok	s=8,m=13	0.04	0.62		1	0.9	0.5	69.8	0.59	0.19	0.1	1.00	
377,377,0,367														
646	ok	s=8,m=13	0.05	0.62		1	0.9	0.5	69.8	0.59	0.24	0.2	1.00	
365,381,0,365														
648	ok	s=9,m=13	0.03	0.26	0.24	1	1.9	0.7	146.5	0.23	0.14	0.2	1.00	
361,381,384,361														
650	ok	s=9,m=13	0.02	0.22	0.23	1	1.9	0.7	146.5	0.23	0.08	0.3	1.00	
355,375,378,373														
652	ok	s=9,m=13	0.03	0.17	0.35	1	1.9	0.7	146.5	0.23	0.11	0.3	1.00	
362,382,385,359														
654	ok	s=9,m=13	0.03	0.17	0.36	1	1.9	0.7	146.5	0.23	0.10	0.2	1.00	
356,372,371,357														
656	ok	s=9,m=13	0.03	0.09	0.10	1	1.9	0.7	146.5	0.23	0.09	0.4	1.00	
98,362,98,362														
658	ok	s=9,m=13	0.03	0.08	0.10	1	1.9	0.7	146.5	0.23	0.08	0.4	1.00	
97,356,97,356														
660	ok	s=9,m=13	0.03	0.13		1	1.9	0.7	146.5	0.23	0.13	0.2	1.00	
365,365,0,365														
662	ok	s=9,m=13	0.02	0.08		1	1.9	0.7	146.5	0.23	0.08	0.2	1.00	
97,364,0,364														
664	ok	s=9,m=13	0.04	0.14	0.25	1	1.9	0.7	146.5	0.23	0.14	0.2	1.00	
369,368,386,368														
666	ok	s=9,m=13	0.04	0.13	0.26	1	1.9	0.7	146.5	0.23	0.13	0.2	1.00	
363,369,364,366														
668	ok	s=9,m=13	0.02	0.19	0.17	1	1.9	0.7	146.5	0.23	0.09	0.2	1.00	
366,386,383,370														
670	ok	s=9,m=13	0.03	0.19	0.18	1	1.9	0.7	146.5	0.23	0.10	0.2	1.00	
368,376,377,364														
695	ok	s=8,m=13	0.05	0.60		1	1.2	0.7	89.9	0.45	0.19	0.2	1.00	
360,376,0,360														
696	ok	s=8,m=13	0.05	0.60		1	1.2	0.7	89.9	0.45	0.20	0.2	1.00	
358,380,0,358														
697	ok	s=8,m=13	0.04	0.58		1	1.2	0.7	89.9	0.45	0.15	0.2	1.00	
355,374,0,355														
698	ok	s=8,m=13	0.04	0.58		1	1.2	0.7	89.9	0.45	0.15	0.2	1.00	
358,380,0,358														
699	ok	s=8,m=13	0.03	0.58		1	1.2	0.7	89.9	0.45	0.11	0.2	1.00	
97,371,0,355														
700	ok	s=8,m=13	0.03	0.57		1	1.2	0.7	89.9	0.45	0.11	0.2	1.00	
98,381,0,361														
701	ok	s=8,m=13	0.04	0.59		1	1.2	0.7	89.9	0.45	0.11	0.2	1.00	
97,371,0,364														
702	ok	s=8,m=13	0.04	0.59		1	1.2	0.7	89.9	0.45	0.11	0.2	1.00	
98,381,0,370														
703	ok	s=8,m=13	0.03	0.62		1	1.2	0.7	89.9	0.45	0.13	0.2	1.00	
367,377,0,367														
704	ok	s=8,m=13	0.04	0.62		1	1.2	0.7	89.9	0.45	0.14	0.2	1.00	
365,381,0,365														
745	oks=17,m=13		1.59e-03	0.10	0.45	1	1.8	1.1	136.4	0.24	9.08e-03		0.3	1.00
362,356,356,17														
746	oks=17,m=13		5.00e-03	0.10		1	0.4	0.3	32.2	0.89	9.08e-03	6.74e-02		1.00
372,356,0,17														

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747	oks=17,m=13	2.98e-03	0.11	0.32	1	1.2	0.8	94.3	0.42	9.86e-03	0.3	1.00			
372,371,372,359															
748	oks=17,m=13	9.35e-03	0.11		1	0.5	0.3	40.2	0.83	9.86e-03	8.40e-02	1.00			
376,371,0,359															
749	oks=17,m=13	3.42e-03	0.16	0.39	1	1.2	0.8	94.3	0.42	0.03	0.2	1.00			
94,371,372,360															
750	oks=17,m=13	6.36e-03	0.15	0.29	1	1.1	0.7	83.0	0.49	0.03	0.2	1.00			
106,372,372,360															
751	oks=17,m=13	4.97e-03	0.09	0.26	1	1.4	0.8	105.7	0.36	0.01	0.2	1.00			
130,356,356,362															
752	oks=17,m=13	4.18e-03	0.04	0.11	1	1.3	0.8	98.9	0.39	0.01	0.2	1.00			
130,356,356,362															
753	oks=17,m=13	1.59e-03	0.10	0.45	1	1.8	1.1	136.4	0.24	9.08e-03	0.3	1.00			
356,362,362,17															
754	oks=17,m=13	5.03e-03	0.10		1	0.4	0.3	32.2	0.89	9.08e-03	6.74e-02	1.00			
382,362,0,17															
755	oks=17,m=13	2.97e-03	0.11	0.32	1	1.2	0.8	94.3	0.42	9.79e-03	0.3	1.00			
382,381,382,357															
756	oks=17,m=13	9.33e-03	0.11		1	0.5	0.3	40.2	0.83	9.79e-03	8.40e-02	1.00			
382,381,0,357															
757	oks=17,m=13	3.42e-03	0.16	0.39	1	1.2	0.8	94.3	0.42	0.03	0.2	1.00			
93,381,382,362															
758	oks=17,m=13	6.36e-03	0.15	0.29	1	1.1	0.7	83.0	0.49	0.03	0.2	1.00			
105,382,382,362															
759	oks=17,m=13	4.97e-03	0.09	0.26	1	1.4	0.8	105.7	0.36	0.01	0.2	1.00			
129,362,362,356															
760	oks=17,m=13	4.18e-03	0.04	0.11	1	1.3	0.8	98.9	0.39	0.01	0.2	1.00			
129,362,362,356															
761	oks=17,m=13	1.88e-03	0.07	0.31	1	1.8	1.1	136.4	0.24	0.02	0.3	1.00			
17,379,379,17															
762	oks=17,m=13	7.98e-03	0.07		1	0.4	0.3	32.2	0.89	0.02	6.74e-02	1.00	17,379,0,17		
763	oks=17,m=13	2.88e-03	0.06	0.18	1	1.2	0.8	94.3	0.42	0.02	0.3	1.00			
382,379,379,362															
764	oks=17,m=13	9.11e-03	0.06		1	0.5	0.3	40.2	0.83	0.02	8.40e-02	1.00			
362,379,0,362															
765	oks=17,m=13	4.57e-03	0.19	0.29	1	1.2	0.8	94.3	0.42	0.05	0.2	1.00			
381,381,379,360															
766	oks=17,m=13	9.35e-03	0.19	0.25	1	1.1	0.7	83.0	0.49	0.05	0.2	1.00			
360,381,379,360															
767	oks=17,m=13	0.02	0.08	0.16	1	1.4	0.8	105.7	0.36	0.08	0.4	1.00			
93,113,379,89															
768	oks=17,m=13	0.02	0.08		1	1.3	0.8	98.9	0.39	0.08	0.3	1.00			
93,113,0,125															
769	oks=17,m=13	7.85e-04	0.07	0.31	1	1.8	1.1	136.4	0.24	6.33e-03	0.3	1.00			
362,373,373,362															
770	oks=17,m=13	0.02	0.07		1	0.4	0.3	32.2	0.89	0.02	6.65e-02	1.00			
356,373,0,356															
771	oks=17,m=13	3.79e-03	0.06	0.18	1	1.2	0.8	94.3	0.42	0.03	0.2	1.00			
356,373,373,355															
772	oks=17,m=13	0.01	0.06		1	0.5	0.3	40.2	0.83	0.03	8.40e-02	1.00			
355,373,0,355															
773	oks=17,m=13	4.58e-03	0.19	0.29	1	1.2	0.8	94.3	0.42	0.05	0.2	1.00			
371,371,373,362															
774	oks=17,m=13	9.37e-03	0.19	0.25	1	1.1	0.7	83.0	0.49	0.05	0.2	1.00			
362,371,373,362															
775	oks=17,m=13	0.02	0.08	0.16	1	1.4	0.8	105.7	0.36	0.08	0.4	1.00			
90,98,373,90															
776	oks=17,m=13	0.02	0.08		1	1.3	0.8	98.9	0.39	0.08	0.3	1.00			
102,98,0,102															
811	oks=17,m=13	2.42e-03	0.10	0.17	1	0.8	0.5	62.1	0.65	8.88e-03	0.1	1.00			
362,362,382,362															
836	oks=17,m=13	2.41e-03	0.10	0.17	1	0.8	0.5	62.1	0.65	8.86e-03	0.1	1.00			
356,356,372,356															
837	oks=17,m=13	9.52e-03	0.16	0.24	1	0.7	0.4	54.1	0.72	0.02	0.1	1.00			
371,371,372,359															
838	oks=17,m=13	9.49e-03	0.16	0.24	1	0.7	0.4	54.1	0.72	0.02	0.1	1.00			
381,381,382,357															
839	oks=17,m=13	5.09e-03	0.07	0.13	1	0.8	0.5	62.1	0.65	0.02	0.1	1.00			

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Facchini Massimo
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362,379,379,362
840 oks=17,m=13 0.01 0.06 1 0.7 0.4 54.1 0.72 0.04 0.1 1.00
361,381,0,361
841 oks=17,m=13 8.30e-03 0.07 0.13 1 0.8 0.5 62.1 0.65 0.02 0.1 1.00
356,373,373,356
842 oks=17,m=13 0.01 0.06 1 0.7 0.4 54.1 0.72 0.04 0.1 1.00
359,371,0,359
875 oks=17,m=13 1.39e-03 0.11 0.46 1 1.8 1.1 136.4 0.24 8.93e-03 0.3 1.00
368,363,363,367
876 oks=17,m=13 4.64e-03 0.11 1 0.5 0.3 34.9 0.87 8.93e-03 7.30e-02 1.00
136,363,0,367
877 oks=17,m=13 4.06e-03 0.10 0.20 1 0.9 0.6 72.0 0.57 0.01 0.1 1.00
96,363,363,367
878 oks=17,m=13 0.02 0.25 1 8.01e-02 4.91e-02 6.1 1.00 0.05 1.80e-02 1.00
118,375,0,117
879 oks=17,m=13 8.93e-03 0.45 0.64 1 1.2 0.8 94.3 0.42 0.12 0.2 1.00
110,375,375,134
880 oks=17,m=13 0.02 0.43 0.44 1 1.0 0.6 77.3 0.53 0.10 0.2 1.00
109,376,375,109
881 oks=17,m=13 5.68e-03 0.09 0.27 1 1.5 0.9 111.4 0.33 0.01 0.2 1.00
130,363,363,366
882 oks=17,m=13 4.13e-03 0.04 0.10 1 1.3 0.8 98.9 0.39 0.01 0.2 1.00
130,363,363,366
883 oks=17,m=13 1.39e-03 0.11 0.47 1 1.8 1.1 136.4 0.24 8.95e-03 0.3 1.00
366,369,369,365
884 oks=17,m=13 4.64e-03 0.11 1 0.5 0.3 34.9 0.87 8.95e-03 7.30e-02 1.00
136,369,0,365
885 oks=17,m=13 4.06e-03 0.11 0.20 1 0.9 0.6 72.0 0.57 0.01 0.1 1.00
96,369,369,365
886 oks=17,m=13 0.02 0.25 1 8.01e-02 4.91e-02 6.1 1.00 0.05 1.80e-02 1.00
117,385,0,118
887 oks=17,m=13 8.92e-03 0.45 0.64 1 1.2 0.8 94.3 0.42 0.12 0.2 1.00
109,385,385,133
888 oks=17,m=13 0.02 0.42 0.43 1 1.0 0.6 77.3 0.53 0.10 0.2 1.00
110,386,385,110
889 oks=17,m=13 5.68e-03 0.09 0.27 1 1.5 0.9 111.4 0.33 0.01 0.2 1.00
129,369,369,368
890 oks=17,m=13 4.13e-03 0.04 0.10 1 1.3 0.8 98.9 0.39 0.01 0.2 1.00
129,369,369,368
891 oks=17,m=13 2.57e-03 0.07 0.31 1 1.8 1.1 136.4 0.24 0.02 0.3 1.00
365,128,120,365
892 oks=17,m=13 0.01 0.07 1 0.5 0.3 34.9 0.87 0.02 7.30e-02 1.00
365,128,0,365
893 oks=17,m=13 4.59e-03 0.06 0.14 1 0.9 0.6 72.0 0.57 8.77e-03 0.1 1.00
96,128,96,363
894 oks=17,m=13 0.02 0.07 1 8.01e-02 4.91e-02 6.1 1.00 0.06 1.86e-02 1.00
93,385,0,365
895 oks=17,m=13 7.92e-03 0.51 0.61 1 1.2 0.8 94.3 0.42 0.12 0.2 1.00
93,383,384,93
896 oks=17,m=13 0.02 0.41 0.39 1 1.0 0.6 77.3 0.53 0.10 0.2 1.00
94,385,384,94
897 oks=17,m=13 0.02 0.08 0.14 1 1.5 0.9 111.4 0.33 0.08 0.4 1.00
105,113,368,101
898 oks=17,m=13 0.02 0.08 1 1.3 0.8 98.9 0.39 0.08 0.3 1.00
105,113,0,93
899 oks=17,m=13 1.69e-03 0.07 0.31 1 1.8 1.1 136.4 0.24 0.01 0.3 1.00
363,96,120,363
900 oks=17,m=13 0.02 0.07 1 0.5 0.3 34.9 0.87 0.02 6.08e-02 1.00
363,96,0,363
901 oks=17,m=13 4.59e-03 0.06 0.14 1 0.9 0.6 72.0 0.57 8.89e-03 0.1 1.00
96,96,96,365
902 oks=17,m=13 0.02 0.07 1 8.01e-02 4.91e-02 6.1 1.00 0.06 1.86e-02 1.00
94,375,0,367
903 oks=17,m=13 7.93e-03 0.52 0.62 1 1.2 0.8 94.3 0.42 0.12 0.2 1.00
94,377,378,94
904 oks=17,m=13 0.02 0.42 0.40 1 1.0 0.6 77.3 0.53 0.10 0.2 1.00
93,375,378,93
905 oks=17,m=13 0.02 0.08 0.14 1 1.5 0.9 111.4 0.33 0.08 0.4 1.00

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102,114,366,90														
906	oks=17,m=13	0.02	0.08		1	1.3	0.8	98.9	0.39	0.08	0.3	1.00	90,114,0,90	
941	oks=17,m=13	4.92e-03	0.11	0.17	1	0.8	0.5	59.4	0.68	0.01	0.1	1.00		
96,369,369,365														
960	oks=17,m=13	4.92e-03	0.11	0.17	1	0.8	0.5	59.4	0.68	0.01	0.1	1.00		
96,363,363,367														
961	oks=17,m=13	0.02	0.45	0.58	1	1.2	0.7	88.2	0.46	0.12	0.2	1.00		
118,375,375,134														
962	oks=17,m=13	0.02	0.45	0.58	1	1.2	0.7	88.2	0.46	0.12	0.2	1.00		
117,385,385,133														
963	oks=17,m=13	4.39e-03	0.07		1	0.8	0.5	59.4	0.68	8.77e-03	0.1	1.00		
96,128,0,364														
964	oks=17,m=13	0.02	0.51	0.51	1	1.2	0.7	88.2	0.46	0.12	0.2	1.00		
93,383,384,93														
965	oks=17,m=13	4.82e-03	0.07		1	0.8	0.5	59.4	0.68	0.02	0.1	1.00		
367,96,0,363														
966	oks=17,m=13	0.02	0.52	0.51	1	1.2	0.7	88.2	0.46	0.12	0.2	1.00		
94,377,378,94														
1004	ok s=8,m=13	0.01	0.12		1	2.0	1.2	150.6	0.20	0.09	0.3	1.00		
371,371,0,371														
1005	ok s=8,m=13	0.01	0.12		1	2.0	1.2	150.6	0.20	0.09	0.3	1.00		
381,381,0,381														
1009	ok s=8,m=13	0.0	3.50e-03		1	7.95e-02	4.66e-02	6.1	1.00	0.0	1.65e-02	1.00		
385,126,0,384														
1010	ok s=8,m=13	0.0	3.50e-03		1	7.95e-02	4.66e-02	6.1	1.00	0.0	1.45e-02	1.00		
374,93,0,373														
1081	oks=20,m=13	0.08	0.47		1	1.66e-02	7.91e-03	1.3	1.00	0.44	7.38e-03	1.00		
386,360,0,360														
1082	oks=20,m=13	0.08	0.46		1	1.66e-02	7.91e-03	1.3	1.00	0.44	7.38e-03	1.00		
376,358,0,361														
1084	oks=20,m=13	0.04	0.44	0.49	1	0.9	0.5	72.2	0.63	0.43	0.3	1.00		
359,359,379,359														
1085	oks=20,m=13	0.04	0.44	0.48	1	0.9	0.5	72.2	0.63	0.43	0.3	1.00		
362,362,359,362														
1088	oks=20,m=13	0.03	0.16		1	0.9	0.4	69.6	0.65	0.16	0.3	1.00		
360,361,0,361														
1089	oks=20,m=13	0.03	0.16		1	0.9	0.4	69.6	0.65	0.16	0.3	1.00		
361,360,0,360														
1090	oks=20,m=13	0.03	0.15	0.17	1	0.9	0.4	69.6	0.65	0.15	0.3	1.00		
359,362,373,362														
1091	oks=20,m=13	0.03	0.15	0.17	1	0.9	0.4	69.6	0.65	0.15	0.3	1.00		
362,359,379,359														
1092	oks=20,m=13	0.04	0.21	0.23	1	0.9	0.4	69.6	0.65	0.21	0.3	1.00		
360,360,380,360														
1093	oks=20,m=13	0.04	0.21	0.22	1	0.9	0.4	69.6	0.65	0.21	0.3	1.00		
361,361,374,361														
1094	oks=20,m=13	0.04	0.21	0.24	1	0.9	0.4	69.6	0.65	0.21	0.3	1.00		
359,359,379,359														
1095	oks=20,m=13	0.04	0.21	0.24	1	0.9	0.4	69.6	0.65	0.21	0.3	1.00		
362,362,379,362														
1096	oks=20,m=13	0.02	0.29		1	1.2	0.6	92.4	0.47	0.29	0.4	1.00		
360,361,0,361														
1097	oks=20,m=13	0.02	0.29		1	1.2	0.6	92.4	0.47	0.29	0.4	1.00		
361,360,0,360														
1098	oks=20,m=13	0.02	0.29	0.26	1	1.2	0.6	92.4	0.47	0.29	0.4	1.00		
359,362,373,362														
1099	oks=20,m=13	0.02	0.29	0.27	1	1.2	0.6	92.4	0.47	0.29	0.4	1.00		
362,359,379,359														
1119	oks=17,m=13	0.03	0.23		1	0.3	0.2	22.3	0.95	0.05	4.68e-02	1.00		
376,375,0,117														
1120	oks=17,m=13	0.03	0.23		1	0.3	0.2	22.3	0.95	0.05	4.68e-02	1.00		
118,385,0,118														
1121	oks=17,m=13	0.04	0.06		1	0.3	0.2	22.3	0.95	0.06	4.68e-02	1.00		
365,128,0,365														
1122	oks=17,m=13	0.04	0.06		1	0.3	0.2	22.3	0.95	0.06	4.68e-02	1.00		
367,96,0,367														
1123	oks=20,m=13	0.04	0.45	0.46	1	0.9	0.4	70.9	0.64	0.43	0.3	1.00		
360,360,380,360														

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1124 361,361,374,361	oks=20,m=13	0.04	0.44	0.45	1	0.9	0.4	70.9	0.64	0.44	0.3	1.00

Pilas.	V V/T	V N/M	V stab	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT
							0.20			1.00
	0.08	0.62	0.64	1.97	1.16	150.63		0.44	0.43	

Pilas.	f.Om. N	f.Om. T	Stato	V V/T	V N/M	V stab	V flst	Rif. cmb	V.7.5.9	V Ed	sovr. Xi	sovr. Xf	sovr. Yi	sovr. Yf
										kN				
633	0.0	0.0	ok	0.0	0.0			0,0,0,0						
634	0.0	0.0	ok	0.0	0.0			0,0,0,0						
636	0.0	0.0	ok	0.0	0.0			0,0,0,0						
637	0.0	0.0	ok	0.0	0.0			0,0,0,0						
639	0.0	0.0	ok	0.0	0.0			0,0,0,0						
640	0.0	0.0	ok	0.0	0.0			0,0,0,0						
642	0.0	0.0	ok	0.0	0.0			0,0,0,0						
643	0.0	0.0	ok	0.0	0.0			0,0,0,0						
645	0.0	0.0	ok	0.0	0.0			0,0,0,0						
646	0.0	0.0	ok	0.0	0.0			0,0,0,0						
648	0.0	0.0	ok	0.0	0.0			0,0,0,0						
650	0.0	0.0	ok	0.0	0.0			0,0,0,0						
652	0.0	0.0	ok	0.0	0.0			0,0,0,0						
654	0.0	0.0	ok	0.0	0.0			0,0,0,0						
656	0.0	0.0	ok	0.0	0.0			0,0,0,0						
658	0.0	0.0	ok	0.0	0.0			0,0,0,0						
660	0.0	0.0	ok	0.0	0.0			0,0,0,0						
662	0.0	0.0	ok	0.0	0.0			0,0,0,0						
664	0.0	0.0	ok	0.0	0.0			0,0,0,0						
666	0.0	0.0	ok	0.0	0.0			0,0,0,0						
668	0.0	0.0	ok	0.0	0.0			0,0,0,0						
670	0.0	0.0	ok	0.0	0.0			0,0,0,0						
695	0.0	0.0	ok	0.0	0.0			0,0,0,0						
696	0.0	0.0	ok	0.0	0.0			0,0,0,0						
697	0.0	0.0	ok	0.0	0.0			0,0,0,0						
698	0.0	0.0	ok	0.0	0.0			0,0,0,0						
699	0.0	0.0	ok	0.0	0.0			0,0,0,0						
700	0.0	0.0	ok	0.0	0.0			0,0,0,0						
701	0.0	0.0	ok	0.0	0.0			0,0,0,0						
702	0.0	0.0	ok	0.0	0.0			0,0,0,0						
703	0.0	0.0	ok	0.0	0.0			0,0,0,0						
704	0.0	0.0	ok	0.0	0.0			0,0,0,0						
745	0.0	0.0	ok	0.0	0.0			0,0,0,0						
746	0.0	0.0	ok	0.0	0.0			0,0,0,0						
747	0.0	0.0	ok	0.0	0.0			0,0,0,0						
748	0.0	0.0	ok	0.0	0.0			0,0,0,0						
749	0.0	0.0	ok	0.0	0.0			0,0,0,0						
750	0.0	0.0	ok	0.0	0.0			0,0,0,0						
751	0.0	0.0	ok	0.0	0.0			0,0,0,0						
752	0.0	0.0	ok	0.0	0.0			0,0,0,0						
753	0.0	0.0	ok	0.0	0.0			0,0,0,0						
754	0.0	0.0	ok	0.0	0.0			0,0,0,0						
755	0.0	0.0	ok	0.0	0.0			0,0,0,0						
756	0.0	0.0	ok	0.0	0.0			0,0,0,0						
757	0.0	0.0	ok	0.0	0.0			0,0,0,0						
758	0.0	0.0	ok	0.0	0.0			0,0,0,0						
759	0.0	0.0	ok	0.0	0.0			0,0,0,0						
760	0.0	0.0	ok	0.0	0.0			0,0,0,0						
761	0.0	0.0	ok	0.0	0.0			0,0,0,0						
762	0.0	0.0	ok	0.0	0.0			0,0,0,0						
763	0.0	0.0	ok	0.0	0.0			0,0,0,0						
764	0.0	0.0	ok	0.0	0.0			0,0,0,0						
765	0.0	0.0	ok	0.0	0.0			0,0,0,0						
766	0.0	0.0	ok	0.0	0.0			0,0,0,0						
767	0.0	0.0	ok	0.0	0.0			0,0,0,0						
768	0.0	0.0	ok	0.0	0.0			0,0,0,0						
769	0.0	0.0	ok	0.0	0.0			0,0,0,0						
770	0.0	0.0	ok	0.0	0.0			0,0,0,0						

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771	0.0	0.0	ok	0.0	0.0	0,0,0,0
772	0.0	0.0	ok	0.0	0.0	0,0,0,0
773	0.0	0.0	ok	0.0	0.0	0,0,0,0
774	0.0	0.0	ok	0.0	0.0	0,0,0,0
775	0.0	0.0	ok	0.0	0.0	0,0,0,0
776	0.0	0.0	ok	0.0	0.0	0,0,0,0
811	0.0	0.0	ok	0.0	0.0	0,0,0,0
836	0.0	0.0	ok	0.0	0.0	0,0,0,0
837	0.0	0.0	ok	0.0	0.0	0,0,0,0
838	0.0	0.0	ok	0.0	0.0	0,0,0,0
839	0.0	0.0	ok	0.0	0.0	0,0,0,0
840	0.0	0.0	ok	0.0	0.0	0,0,0,0
841	0.0	0.0	ok	0.0	0.0	0,0,0,0
842	0.0	0.0	ok	0.0	0.0	0,0,0,0
875	0.0	0.0	ok	0.0	0.0	0,0,0,0
876	0.0	0.0	ok	0.0	0.0	0,0,0,0
877	0.0	0.0	ok	0.0	0.0	0,0,0,0
878	0.0	0.0	ok	0.0	0.0	0,0,0,0
879	0.0	0.0	ok	0.0	0.0	0,0,0,0
880	0.0	0.0	ok	0.0	0.0	0,0,0,0
881	0.0	0.0	ok	0.0	0.0	0,0,0,0
882	0.0	0.0	ok	0.0	0.0	0,0,0,0
883	0.0	0.0	ok	0.0	0.0	0,0,0,0
884	0.0	0.0	ok	0.0	0.0	0,0,0,0
885	0.0	0.0	ok	0.0	0.0	0,0,0,0
886	0.0	0.0	ok	0.0	0.0	0,0,0,0
887	0.0	0.0	ok	0.0	0.0	0,0,0,0
888	0.0	0.0	ok	0.0	0.0	0,0,0,0
889	0.0	0.0	ok	0.0	0.0	0,0,0,0
890	0.0	0.0	ok	0.0	0.0	0,0,0,0
891	0.0	0.0	ok	0.0	0.0	0,0,0,0
892	0.0	0.0	ok	0.0	0.0	0,0,0,0
893	0.0	0.0	ok	0.0	0.0	0,0,0,0
894	0.0	0.0	ok	0.0	0.0	0,0,0,0
895	0.0	0.0	ok	0.0	0.0	0,0,0,0
896	0.0	0.0	ok	0.0	0.0	0,0,0,0
897	0.0	0.0	ok	0.0	0.0	0,0,0,0
898	0.0	0.0	ok	0.0	0.0	0,0,0,0
899	0.0	0.0	ok	0.0	0.0	0,0,0,0
900	0.0	0.0	ok	0.0	0.0	0,0,0,0
901	0.0	0.0	ok	0.0	0.0	0,0,0,0
902	0.0	0.0	ok	0.0	0.0	0,0,0,0
903	0.0	0.0	ok	0.0	0.0	0,0,0,0
904	0.0	0.0	ok	0.0	0.0	0,0,0,0
905	0.0	0.0	ok	0.0	0.0	0,0,0,0
906	0.0	0.0	ok	0.0	0.0	0,0,0,0
941	0.0	0.0	ok	0.0	0.0	0,0,0,0
960	0.0	0.0	ok	0.0	0.0	0,0,0,0
961	0.0	0.0	ok	0.0	0.0	0,0,0,0
962	0.0	0.0	ok	0.0	0.0	0,0,0,0
963	0.0	0.0	ok	0.0	0.0	0,0,0,0
964	0.0	0.0	ok	0.0	0.0	0,0,0,0
965	0.0	0.0	ok	0.0	0.0	0,0,0,0
966	0.0	0.0	ok	0.0	0.0	0,0,0,0
1004	0.0	0.0	ok	0.0	0.0	0,0,0,0
1005	0.0	0.0	ok	0.0	0.0	0,0,0,0
1009	0.0	0.0	ok	0.0	0.0	0,0,0,0
1010	0.0	0.0	ok	0.0	0.0	0,0,0,0
1081	0.0	0.0	ok	0.0	0.0	0,0,0,0
1082	0.0	0.0	ok	0.0	0.0	0,0,0,0
1084	0.0	0.0	ok	0.0	0.0	0,0,0,0
1085	0.0	0.0	ok	0.0	0.0	0,0,0,0
1088	0.0	0.0	ok	0.0	0.0	0,0,0,0
1089	0.0	0.0	ok	0.0	0.0	0,0,0,0
1090	0.0	0.0	ok	0.0	0.0	0,0,0,0
1091	0.0	0.0	ok	0.0	0.0	0,0,0,0
1092	0.0	0.0	ok	0.0	0.0	0,0,0,0
1093	0.0	0.0	ok	0.0	0.0	0,0,0,0

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1094	0.0	0.0	ok	0.0	0.0		0,0,0,0
1095	0.0	0.0	ok	0.0	0.0		0,0,0,0
1096	0.0	0.0	ok	0.0	0.0		0,0,0,0
1097	0.0	0.0	ok	0.0	0.0		0,0,0,0
1098	0.0	0.0	ok	0.0	0.0		0,0,0,0
1099	0.0	0.0	ok	0.0	0.0		0,0,0,0
1119	0.0	0.0	ok	0.0	0.0		0,0,0,0
1120	0.0	0.0	ok	0.0	0.0		0,0,0,0
1121	0.0	0.0	ok	0.0	0.0		0,0,0,0
1122	0.0	0.0	ok	0.0	0.0		0,0,0,0
1123	0.0	0.0	ok	0.0	0.0		0,0,0,0
1124	0.0	0.0	ok	0.0	0.0		0,0,0,0

Pilas.	V V/T	V N/M	V stab	V flst	V.7.5.9	V Ed	sovr.	Xi	sovr.	Xf	sovr.	Yi	sovr.	Yf
	0.0	0.0												

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STATI LIMITE D' ESERCIZIO ACCIAIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO ACCIAIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, per gli elementi trave, i risultati relativi alle combinazioni considerate (rare o caratteristiche).

I valori di interesse sono i seguenti:

f*1000/L	massima deformazione normalizzata in combinazioni rare

Si precisa che i valori di massima deformazione per travi sono riferiti ai due piani locali (1-2 con momenti flettenti 3-3 e 1-3 con momenti flettenti 2-2). Il valore riportato (massimo) è espresso in 1000/L per rendere agevole il confronto di più valori e in particolare di più range di valori (ad esempio 2 rappresenta L/500, 4 L/250 e cosi via).

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Trave	f*1000/L	Trave	f*1000/L	Trave	f*1000/L	Trave	f*1000/L	Trave	f*1000/L	Trave	f*1000/L	Trave	f*1000/L
325	1.4	326	1.8	327	1.9	328	1.9	329	1.4	330	1.9	331	1.8
332	1.5	333	1.5	334	1.9	335	1.4	346	1.8	347	1.9	348	2.0
349	1.9	350	1.4	351	1.8	352	1.9	353	1.8	354	1.1	355	1.1
356	1.5	357	1.3	358	1.3	359	1.0	360	1.7	406	1.1	407	1.3
408	1.4	409	1.3	410	1.2	411	1.5	412	1.6	413	1.5	414	1.5
415	1.7	416	1.8	417	1.7	418	1.3	419	1.6	420	1.7	421	1.7
422	1.3	423	1.5	424	1.6	425	1.5	426	1.0	427	1.3	428	1.4
429	1.3	430	1.7	431	1.8	432	1.9	433	1.9	434	1.4	435	1.6
436	1.8	437	1.8	438	1.8	439	1.5	440	1.3	450	1.1	451	1.1
452	1.2	453	1.2	454	1.1	455	1.0	456	1.3	457	1.3	458	1.4
459	1.6	460	1.6	461	1.6	462	1.3	463	1.2	473	1.1	474	1.1
475	1.3	476	1.2	477	1.2	478	1.1	479	1.3	480	1.3	481	1.6
482	1.7	483	1.5	484	1.5	485	1.7	486	1.3	496	1.2	497	1.2
498	1.4	499	1.2	500	1.3	501	1.1	502	1.6	503	1.6	504	1.7
505	1.9	506	1.9	507	1.9	508	1.6	509	1.5	519	1.3	520	1.3
521	1.4	522	1.4	523	1.4	524	1.3	525	1.5	526	1.6	527	1.6
528	1.6	529	1.6	530	1.6	531	1.7	532	1.6	542	1.5	543	1.5
544	1.6	545	1.6	546	1.5	547	1.4	548	1.6	549	1.5	552	1.8
562	6.7	563	1.8	564	1.6	565	1.5	566	1.4	567	1.7	568	1.3
569	1.9	570	1.7	571	1.6	572	1.6	576	1.6	577	2.1	578	1.2
582	2.6	583	1.1	584	5.6	588	2.7	589	4.1	590	2.0	594	0.5
595	4.1	596	2.3	601	2.8	606	1.2	607	5.5	608	1.1	612	2.3
613	1.1	614	5.5	618	1.6	619	2.1	620	0.9	626	6.2	630	4.6
631	5.8	632	0.5	635	1.1	638	1.3	641	1.3	644	1.3	647	1.1
649	1.2	651	1.1	653	1.5	655	1.5	657	1.4	659	1.4	661	1.4
663	1.4	665	1.6	667	1.7	669	1.5	671	1.5	672	1.7	673	0.5
674	0.8	675	1.2	676	1.7	677	0.5	678	0.8	679	1.2	680	1.1
681	1.3	682	2.1	683	3.4	684	3.4	685	1.0	686	1.3	687	2.1
688	3.4	689	3.4	690	1.6	691	1.3	692	2.0	693	3.5	694	3.0
705	1.7	706	0.7	707	0.8	708	1.2	709	1.7	710	0.7	711	0.8
712	1.2	777	1.5	778	1.2	779	1.5	780	1.0	781	1.5	782	1.2
783	1.5	784	1.5	785	1.3	786	1.5	787	1.0	788	1.5	789	1.3
790	1.5	791	1.0	792	1.5	793	1.4	794	1.5	795	1.0	796	1.5
797	1.4	798	1.5	799	1.0	800	1.7	801	1.5	802	1.7	803	2.0
804	2.2	805	2.0	806	2.2	855	2.0	856	2.0	857	2.2	858	2.2
859	2.0	860	2.1	861	2.2	862	2.2	863	2.2	864	2.2	865	2.2
866	2.2	867	2.2	868	2.1	869	2.0	870	2.0	871	2.0	872	2.0
873	2.0	874	2.0	907	1.4	908	1.2	909	1.4	910	1.1	911	1.4
912	1.2	913	1.4	914	1.4	915	1.3	916	1.4	917	1.0	918	1.4
919	1.4	920	1.4	921	1.0	922	1.4	923	1.4	924	1.5	925	1.0
926	1.5	927	1.5	928	1.5	929	1.0	930	1.8	931	1.5	932	1.8
933	2.1	934	2.2	935	2.1	936	2.3	979	2.0	980	2.0	981	2.2
982	2.2	983	2.0	984	2.1	985	2.2	986	2.2	987	2.2	988	2.2
989	2.2	990	2.2	991	2.2	992	2.2	993	2.1	994	2.0	995	2.1
996	2.1	997	2.0	998	2.0	1003	1.1	1008	3.1	1011	1.4	1037	1.5
1038	1.7	1039	1.5	1040	1.5	1041	1.9	1042	1.6	1043	1.8	1044	1.8
1045	1.5	1046	1.7	1047	1.9	1048	1.6	1049	4.2	1050	2.5	1052	5.7
1053	1.0	1054	2.6	1055	4.1	1056	0.9	1057	2.0	1058	2.5	1063	5.1
1064	6.3	1065	0.9	1066	2.0	1067	2.5	1068	1.1	1069	1.7	1070	2.8
1071	1.7	1072	2.8	1078	1.4	1079	1.4	1080	1.2	1083	1.2	1100	1.4
1101	1.4	1102	1.4	1103	1.4	1104	1.4	1105	1.4	1106	2.1	1107	3.0
1108	2.8	1109	2.2	1110	2.3	1111	2.8	1112	3.0	1113	2.0	1114	1.2
1115	1.1	1116	1.4	1117	1.4	1118	1.4						

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VERIFICHE ELEMENTI PARETE E GUSCIO IN C.A.

LEGENDA TABELLA VERIFICHE ELEMENTI PARETE E GUSCIO IN C.A.

Per le pareti in c.a. progettate in ottemperanza al cap. 7 del DM 14-01-08 vengono riportate 4 tabelle. In particolare per ogni parete si riportano:

- una tabella riassuntiva della geometria e dello stato di verifica per compressione assiale, pressoflessione e taglio; per le estese debolmente armate anche lo stato di verifica relativo alla snellezza.
- una tabella nella quale, per ogni quota significativa, si riporta l'armatura verticale di base e della zona confinata, eventuale armatura concentrata all'estremita per le estese debolmente armate, l'armatura orizzontale, l'esito delle 5 verifiche condotte, lo sforzo assiale aggiuntivo per q superiore a 2 e i valori di inviluppo di taglio e momento
- una tabella nella quale, per ogni quota significativa, si riportano le azioni che hanno reso massimo il valore delle 5 verifiche condotte (in particolare le verifiche a taglio sono influenzate dal valore dello sforzo assiale e del momento). Le azioni derivate dall'analisi, in ogni combinazione di calcolo, sono elaborate come previsto al punto 7.4.4.5.1: traslazione del momento, incremento e variazione diagramma taglio, incremento e decremento sforzo assiale
- una tabella riassuntiva dei parametri utilizzati per le verifiche a taglio per ogni quota significativa.

Tabella 1	
H totale	Altezza complessiva della parete
Spessore	Spessore della parete
H critica	Altezza come da punto 7.4.4.5.1 per traslazione momento
H critica V	Altezza come da punto 7.4.6.1.4 per la definizione della zona critica e zona confinata
L totale	Larghezza di base della parete
L confinata	Larghezza della zona confinata
Verif. N	Verifica di cui al punto 7.4.4.5.2.1 compressione semplice
Verif. N-M	Verifica di cui al punto 7.4.4.5.2.1 pressoflessione
Verif. Snellezza	Verifica di cui al punto 7.4.4.5.2.1 limitazione compressione per prevenire l'instabilità
Fattore V	Fattore di amplificazione del taglio di cui al punto 7.4.4.5.1
Diagramma V	Diagramma elaborato per effetto modi superiori come da fig. 7.4.2
Verif. V	Verifica di cui al punto 7.4.4.5.2.2 taglio (compressione cls, trazione acciaio, scorrimento in zona critica)
Tabella 2	
Af conf.	Numero e diametro armatura presente in una zona confinata
Af std	Diametro e passo armatura in zona non confinata (doppia maglia)
Af estremi	Diametro dei ferri di estremità del pannello; se posto uguale 0, viene utilizzato il diametro standard
Af V (ori)	Diametro e passo armatura orizzontale (doppia maglia)
Ver. N	Rapporto tra azione di calcolo e resistenza a compressione (normalizzato a 1 in quanto da confrontare con 40% in CDB e 35 % in CDA)
Ver. N/M	Rapporto tra azione di calcolo e resistenza a pressoflessione
Ver. Snell.	Rapporto tra la snellezza dell'elemento e la snellezza lim. come da formula 4.1.33
Ver. V cls	Rapporto tra azione di calcolo e resistenza a taglio-compressione
Ver. V acc	Rapporto tra azione di calcolo e resistenza a taglio-trazione
Ver. V scorr.	Rapporto tra azione di calcolo e resistenza a taglio scorrimento
N add	Sforzo assiale di cui al punto 7.4.4.5.1 da sommare e sottrarre nelle verifiche quando q supera 2
M invil	Inviluppo del momento come al punto 7.4.4.5.1 (informativo)
V invil	Inviluppo del taglio come al punto 7.4.4.5.1 (informativo)
Tabella 3	
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore
N v.Vacc, M v.Vacc, V v.Vacc,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. acc attinge il massimo valore
N v.Vscorr, M v.Vscorr, V v.Vscorr,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. scorr.e
Tabella 4	
CtgT Vcls	Valore di ctg(teta) adottato nella verifica V compressione cls
Vrsd Vcls	Valore della resistenza a taglio trazione (armatura di calcolo)
Vrcd Vcls	Valore della resistenza a taglio compressione
CtgT Vacc	Valore di ctg(teta) adottato nella verifica V trazione armatura
Vrsd Vacc	Valore della resistenza a taglio trazione (armatura presente)
Vrcd Vacc	Valore della resistenza a taglio compressione
Vdd	Valore del contributo alla resistenza allo scorrimento come da [7.4.19]

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Vid	Valore del contributo alla resistenza allo scorrimento come da [7.4.20]
Vfd	Valore del contributo alla resistenza allo scorrimento come da [7.4.21]

Nel caso dei gusci e nel caso in cui la progettazione della parete sia integrata o effettuata del tutto con progettazione locale si produce una tabella nella quale vengono riportati per ogni macroelemento il numero dello stesso ed il codice di verifica.
Per la progettazione con il metodo degli stati limite vengono riportati il rapporto x/d, la verifica per sollecitazioni ultime e la verifica per compressione media con l'indicazione delle due combinazioni in cui si sono attinti i rispettivi valori.
Nel caso in cui si sia proceduto alla progettazione con le tensioni ammissibili vengono riportate le massime tensioni nell'elemento (massima compressione nel calcestruzzo, massima compressione media nel calcestruzzo, massima tensione nell'acciaio) con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.
Per ogni elemento viene riportata inoltre la maglia di armatura necessaria in relazione alle risultanze della progettazione dei nodi dell'elemento stesso (diametri in mm, passi in cm). Le quantità di armature necessarie
sono armature (disposte rispettivamente in direzione principale e secondaria, inferiore e superiore) distribuite nell'elemento ed espresse in centimetri quadri per sviluppo lineare pari ad un metro.

In particolare i simboli utilizzati assumono il seguente significato:

M_S		macroelemento di tipo setto (elementi verticali contigui ed analoghi per proprietà)
M_G		macroelemento di tipo guscio (elementi non verticali contigui ed analoghi per proprietà)
Stato		codice di verifica dell'elemento
Nodo		numero del nodo
x/d		rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
verif.		rapporto Sd/Su con sollecitazioni ultime: valore minore o uguale a 1 per verifica positiva
Ver.rd		rapporto Nd/Nu (Nu ottenuto con riduzione del 25% di fcd): valore minore o uguale a 1 per verifica positiva
Rete pr		maglia di armatura (diametro/passo) in direzione principale inferiore e superiore
Rete sec		maglia di armatura (diametro/passo) in direzione secondaria inferiore e superiore
Aggiuntivi		relativa armatura aggiuntiva (diametro/passo) inferiore (i) e superiore (s) eventualmente differenziate
sc max		massima tensione di compressione del calcestruzzo
sc med		massima tensione media di compressione del calcestruzzo
sf max		massima tensione dell'acciaio
Rif. cmb		combinazioni di carico in cui si verificano i valori riportati
Af pr-		quantità di armatura richiesta in direzione principale relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Af pr+		quantità di armatura richiesta in direzione principale relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec-	**Af sec+**	valori analoghi a quelli soprariportati ma relativi alla armatura secondaria
N	**M**	azioni membranali e flessionali (in direzione dell'armatura principale e secondaria) estratte, poiché rappresentative, tra quelle utilizzate per il progetto e la verifica

Progettazione delle fondazioni

Il D.M.14/02/2008 - par: 7.2.5 prevede:
"Per le strutture progettate sia per CD "A" sia per CD "B" il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azioni in fondazione le resistenze degli elementi strutturali soprastanti [...] si richiede tuttavia che tali azioni risultino non maggiori di quelle trasferite dagli elementi soprastanti, amplificate con un γRd pari a 1,1 in CD "B" e 1,3 in CD "A" e comunque non maggiori di quelle derivanti da una analisi elastica della struttura in elevazione eseguita con un fattore di struttura q pari a 1...."

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Nel contesto visualizzazione risultati e nella stampa della relazione sulle fondazioni PRO_SAP mostra le sollecitazioni che derivano dall'analisi non incrementate sia in termini di pressioni sul terreno che in termini di sollecitazioni.

La progettazione degli elementi strutturali con proprietà fondazione è effettuata da PRO_SAP (per travi e platee) o da PRO_CAD Plinti (per plinti e pali di fondazione) incrementando le sollecitazioni delle combinazioni con sisma del fattore: γrd= 1.1 in CDB γrd=1.3 in CDA per pali, plinti, travi e platee.
Per i bicchieri dei plinti di fondazione prefabbricati l'incremento delle sollecitazioni ha un fattore: γrd= 1.2 in CDB γrd=1.35 in CDA.
N.B.: se il fattore di struttura q è =1 la progettazione viene effettuata senza nessun incremento.

Le verifiche geotecniche vengono effettuate dal modulo geotecnico incrementando automaticamente le sollecitazioni del fattore: γrd= 1.1 in CDB γrd=1.3 in CDA per pali, plinti, travi e platee.
N.B.: se il fattore di struttura q è =1 le verifiche geotecniche vengono effettuate senza nessun incremento.

Macro Guscio	**Spessore**	**Id Materiale**	**Id Criterio**	**Progettazione**
	cm			
11	20.00	5	12	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
137	ok	0.39	0.2	9.15e-02	7.7	7.7	12.7	12.7	-228.2	-139.6	81.0	1.5	-2.4	-11.8
138	ok	0.44	0.4	7.07e-02	7.7	11.3	12.7	18.1	36.8	256.0	-201.0	7.9	8.3	-9.5
289	ok	0.39	0.2	6.96e-02	7.7	7.7	12.7	12.7	171.4	-184.9	-47.3	1.2	7.4	-8.5
290	ok	0.59	0.5	7.60e-02	7.7	12.3	12.7	32.8	34.8	634.2	135.6	25.2	21.5	-8.4
291	ok	0.39	0.2	7.04e-02	7.7	7.7	12.7	12.7	107.8	144.3	0.6	4.3	9.2	0.9
294	ok	0.39	0.3	7.48e-02	7.7	7.7	12.7	12.7	-95.0	78.6	-170.3	-17.0	0.9	-3.7
295	ok	0.51	0.5	5.77e-02	7.7	9.8	12.7	25.5	113.5	320.8	98.5	21.6	22.4	-5.1
297	ok	0.39	0.5	7.78e-02	7.7	10.5	12.7	12.7	-273.6	55.9	20.5	-21.2	-3.3	-0.4
326	ok	0.47	0.5	9.70e-02	7.7	14.0	12.7	21.1	32.3	344.7	-253.1	14.5	14.0	-8.3
328	ok	0.40	0.5	8.17e-02	7.7	10.7	12.7	13.4	-288.9	-13.3	12.8	-20.9	-1.5	-1.4
329	ok	0.48	0.4	3.63e-02	7.7	8.6	12.7	22.6	200.3	227.3	101.0	16.8	23.2	-2.8
330	ok	0.41	0.3	6.13e-02	7.7	11.4	12.7	15.0	-212.1	-12.5	22.9	-15.9	-0.4	-4.8
331	ok	0.39	0.2	3.37e-02	7.7	7.7	12.7	12.7	-24.7	-7.4	26.4	-3.6	-5.6	7.8
332	ok	0.39	0.3	5.53e-02	7.7	8.2	12.7	12.7	-118.8	-8.6	23.6	-12.7	0.1	-5.2
333	ok	0.46	0.3	1.94e-02	7.7	12.5	12.7	20.6	185.0	171.7	120.2	12.2	21.8	-1.8
349	ok	0.39	0.2	5.15e-02	7.7	7.7	12.7	12.7	-28.2	-2.8	17.2	-8.8	0.7	-6.4
424	ok	0.39	0.2	6.08e-02	7.7	7.7	12.7	12.7	66.1	2.4	-23.3	2.5	2.8	10.6
425	ok	0.45	0.3	1.98e-02	7.7	12.0	12.7	19.2	105.3	159.3	133.4	7.6	18.9	-3.2
432	ok	0.39	0.2	5.97e-02	7.7	7.7	12.7	12.7	-21.6	18.4	-15.2	-5.6	-2.2	7.5
476	ok	0.39	0.2	3.54e-02	7.7	7.7	12.7	12.7	-37.6	-8.4	22.5	-4.1	-5.6	8.0
492	ok	0.39	0.2	5.35e-02	7.7	7.7	12.7	12.7	-19.4	-5.1	26.3	-6.8	-9.8	6.1
497	ok	0.45	0.3	2.04e-02	7.7	8.0	12.7	19.4	132.9	103.3	38.1	4.9	20.8	2.1
562	ok	0.40	0.2	5.91e-02	7.7	7.7	12.7	13.8	11.3	137.0	-17.8	1.4	6.7	-2.1
629	ok	0.71	0.4	0.1	28.4	39.2	22.1	62.8	562.8	662.5	-63.8	26.2	27.8	-23.9
689	ok	0.46	0.3	2.94e-02	7.7	9.1	12.7	21.0	117.1	148.4	60.0	5.4	18.9	3.7
690	ok	0.43	0.2	6.16e-02	7.8	8.3	12.8	17.1	24.7	345.9	41.1	1.8	6.1	2.6
691	ok	0.39	0.2	4.02e-02	7.7	7.7	12.7	12.7	-46.2	-4.3	21.6	-5.7	-5.2	7.7
694	ok	0.41	0.2	5.80e-02	7.7	7.8	12.7	14.8	15.4	344.1	42.8	1.6	6.1	3.3
695	ok	0.50	0.3	5.10e-02	7.7	11.2	12.7	24.3	80.6	234.3	10.4	8.5	17.1	5.4
699	ok	0.42	0.2	5.20e-02	9.0	8.2	14.0	15.1	18.7	8.8	41.5	2.2	7.1	3.5
700	ok	0.46	0.3	9.42e-02	15.8	18.8	13.1	20.0	572.8	291.1	13.7	12.3	0.4	7.0
703	ok	0.46	0.2	0.1	14.2	14.4	16.0	19.4	3.0	35.3	14.1	9.7	6.2	4.6
705	ok	0.58	0.4	7.63e-02	7.7	14.7	12.7	31.9	-11.5	480.2	-300.8	16.5	16.1	-6.3
706	ok	0.46	0.2	7.80e-02	14.2	13.9	19.2	19.0	-20.6	-15.6	-3.6	7.1	7.5	-5.3
707	ok	0.40	0.3	5.20e-02	7.7	8.5	12.7	13.5	-62.1	2.0	111.0	-5.5	-5.7	8.4
836	ok	0.40	0.3	5.10e-02	7.7	8.4	12.7	13.4	-61.9	1.6	-108.8	-5.4	-5.5	-8.1
859	ok	0.46	0.3	3.61e-02	7.7	10.0	12.7	20.5	-0.9	325.7	-13.4	8.8	19.8	-3.8
860	ok	0.47	0.4	3.71e-02	7.7	10.2	12.7	21.3	0.2	356.6	-10.2	9.6	20.3	-5.8
862	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-300.1	-211.4	-36.7	15.2	-11.5	-4.6
874	ok	0.39	0.3	4.30e-02	7.7	7.7	12.7	12.7	-32.3	-102.3	-58.9	-2.4	-6.5	-1.3
887	ok	0.47	0.4	3.89e-02	7.7	8.7	12.7	21.5	-12.0	367.8	-11.8	11.6	22.1	-6.9
913	ok	0.59	0.3	0.1	22.4	28.7	16.5	33.8	511.5	298.3	-2.1	21.3	3.3	-16.2
926	ok	0.47	0.4	4.61e-02	7.7	9.3	12.7	21.6	-10.6	340.8	40.9	11.7	21.7	-5.4
939	ok	0.39	0.4	3.26e-02	7.7	7.7	12.7	12.7	0.9	-40.8	-2.8	-0.9	-6.4	-20.2
952	ok	0.39	0.4	3.78e-02	7.7	7.7	12.7	12.7	9.3	-37.2	0.9	-0.5	-6.3	-19.8
964	ok	0.39	0.3	6.13e-02	7.7	7.7	12.7	12.7	-40.8	-105.8	-51.9	-2.4	-6.1	-14.2
965	ok	0.42	0.4	6.10e-02	10.1	9.3	15.1	14.3	276.2	-30.8	184.1	-5.5	-1.4	-12.3
1115	ok	0.40	0.2	5.53e-02	7.7	7.7	12.7	13.4	9.1	136.5	-17.8	1.6	6.7	-2.3
1116	ok	0.45	0.3	0.1	12.6	12.3	17.7	17.3	86.8	70.0	-137.8	10.8	7.6	-5.7
1117	ok	0.61	0.4	9.67e-02	19.9	23.4	17.7	36.1	589.7	465.1	74.7	14.8	12.9	9.7
1118	ok	0.41	0.4	8.06e-02	7.7	10.3	12.7	15.3	-39.3	-56.1	166.9	15.5	3.1	8.5
1137	ok	0.44	0.3	6.12e-02	7.7	8.0	12.7	18.9	4.0	100.3	-0.3	1.3	9.0	-0.7
1139	ok	0.39	0.3	0.2	7.7	7.7	12.7	12.7	135.0	-35.1	56.9	9.6	0.4	2.9
1172	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-247.9	27.0	-15.8	11.1	0.4	-1.3
1174	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-253.5	-65.0	15.7	11.1	0.4	-1.2
1175	ok	0.39	0.3	6.19e-02	7.7	7.7	12.7	12.7	-1.1	-163.7	-83.1	0.2	-4.3	-14.5
1178	ok	0.39	0.1	9.67e-02	7.7	7.7	12.7	12.7	15.3	-25.6	14.7	-6.8	-0.5	-2.1
1184	ok	0.39	0.1	9.71e-02	7.7	7.7	12.7	12.7	-210.2	-14.9	-8.6	-6.1	-0.3	4.49e-02
1190	ok	0.39	0.1	9.60e-02	7.7	7.7	12.7	12.7	32.9	-2.4	-7.5	-6.0	-0.5	1.4
1199	ok	0.41	0.3	2.95e-02	7.7	8.2	12.7	14.7	-6.6	433.9	-43.5	5.1	12.9	2.3
1200	ok	0.40	0.5	0.2	8.9	7.7	13.9	12.7	147.9	-26.6	-97.0	16.8	15.7	-5.0
1201	ok	0.40	0.2	0.2	8.8	7.7	13.8	12.7	-34.2	-43.5	-255.7	-8.1	-10.6	-5.0
1206	ok	0.39	0.4	0.1	7.7	7.7	12.7	12.7	115.0	-137.6	121.4	15.9	11.4	-3.4
1215	ok	0.40	0.3	8.71e-02	7.7	8.4	12.7	13.4	-138.2	-58.0	0.4	-14.8	-5.8	-6.1
1218	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-57.8	132.3	-79.4	-3.3	10.3	-4.4

Firmato digitalmente da: Biagini Massimo
Firmato il 4/10/2024 18:24
Serial Certificato: 2e2285
in ottemperanza al DPCM 09/09/2020 sul Qualified Electronic Signature

1227	ok	0.39	0.3	5.38e-02	7.7	7.7	12.7	12.7	-134.1	-58.8	-55.0	-15.1	-6.6	-4.9
1228	ok	0.45	0.3	4.62e-02	7.7	12.7	12.7	19.0	89.6	268.4	-198.5	12.0	9.9	10.8
1229	ok	0.39	0.3	5.45e-02	7.7	7.7	12.7	12.7	-92.7	-47.3	-98.5	-13.2	-6.5	-5.1
1239	ok	0.39	0.2	9.48e-02	7.7	7.7	12.7	12.7	-68.2	139.4	-43.5	-5.8	10.9	-3.0
1240	ok	0.39	0.2	5.52e-02	7.7	7.7	12.7	12.7	-30.3	-37.6	-103.2	-10.4	-6.1	-6.9
1242	ok	0.39	0.2	8.65e-02	7.7	7.7	12.7	12.7	36.8	-33.9	-14.5	-10.0	-7.1	4.0
1243	ok	0.39	0.2	8.39e-02	7.7	7.7	12.7	12.7	-61.6	145.1	-50.6	-5.6	12.1	-1.8
1247	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	94.6	84.4	46.2	-8.4	-6.6	4.3
1248	ok	0.42	0.3	2.92e-02	7.7	11.3	12.7	16.3	-28.8	248.5	-83.2	-6.3	6.6	-8.0
1249	ok	0.40	0.2	0.2	8.2	7.7	13.2	12.7	35.4	-192.9	-509.0	4.8	15.4	7.7
1250	ok	0.39	0.2	7.95e-02	7.7	7.7	12.7	12.7	-67.8	152.0	-13.8	-5.8	12.6	1.5
1251	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	16.4	27.0	140.4	7.7	-3.7	-7.2
1279	ok	0.39	0.3	6.24e-02	7.7	7.8	12.7	12.8	33.6	-59.1	7.5	13.7	6.2	-1.7
1282	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	50.4	27.9	15.4	-11.6	-10.4	-3.3
1285	ok	0.39	0.2	8.22e-02	7.7	7.7	12.7	12.7	-56.5	167.3	57.6	-5.3	12.1	3.2
1286	ok	0.39	0.3	9.95e-02	7.7	7.7	12.7	12.7	35.1	-36.3	6.7	-13.9	-12.7	-2.6
1288	ok	0.39	0.3	6.71e-02	7.7	7.7	12.7	12.7	24.8	-55.1	-4.7	-14.6	-14.2	-1.8
1291	ok	0.39	0.2	9.19e-02	7.7	7.7	12.7	12.7	-60.7	175.9	53.5	-5.6	10.8	4.1
1294	ok	0.39	0.3	4.63e-02	7.7	7.7	12.7	12.7	24.4	-56.9	-4.7	-14.8	-14.8	-1.4
1303	ok	0.41	0.2	5.97e-02	7.7	7.7	12.7	14.4	39.0	255.8	-57.8	7.1	5.3	-3.3
1304	ok	0.39	0.3	7.08e-02	7.7	7.7	12.7	12.7	29.9	-52.1	-18.8	-14.3	-14.4	-0.5
1457	ok	0.40	0.4	3.90e-02	7.7	7.9	12.7	13.5	112.5	217.4	117.8	9.2	12.4	5.6
1588	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-35.7	-126.4	57.6	-6.1	-9.9	-1.9
1589	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	50.8	-31.4	-4.7	-12.1	-12.4	3.2
1590	ok	0.39	0.2	2.24e-02	7.7	7.8	12.7	12.8	-31.9	228.2	-86.3	-6.2	7.0	-6.8
1591	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	63.0	31.6	-11.6	-9.7	-10.2	4.3
1592	ok	0.41	0.2	0.2	9.2	9.0	14.2	14.0	-32.2	-272.3	90.1	-6.8	-15.6	-1.1
1613	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	63.9	265.2	24.6	-6.4	-7.2	3.9
1628	ok	0.42	0.3	4.93e-02	7.7	9.7	12.7	15.6	17.8	468.4	28.7	-1.9	13.6	4.5
1658	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	30.9	178.7	7.4	-7.6	-8.6	-1.1
1659	ok	0.39	0.2	2.01e-02	7.7	7.7	12.7	12.7	-19.1	186.4	-77.4	-6.2	6.4	-4.5
1660	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	28.7	1.6	20.4	-12.5	-12.0	-1.8
1662	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	29.6	-41.4	3.6	-15.1	-15.2	-1.5
1665	ok	0.39	0.1	1.99e-02	7.7	7.7	12.7	12.7	7.9	159.0	-54.6	-4.8	6.4	-2.5
1769	ok	0.39	0.3	8.11e-02	7.7	7.7	12.7	12.7	25.6	-61.2	-5.6	-15.9	-17.1	-1.2
1770	ok	0.43	0.2	6.73e-02	7.7	8.3	12.7	17.1	34.3	258.7	76.9	7.1	5.8	3.4
1771	ok	0.39	0.3	6.16e-02	7.7	7.7	12.7	12.7	24.9	-65.0	-5.6	-16.1	-17.8	-1.2
1775	ok	0.39	0.3	8.36e-02	7.7	7.7	12.7	12.7	27.7	-58.0	-14.9	-15.6	-17.4	-0.9
1776	ok	0.39	0.3	6.21e-02	7.7	7.8	12.7	12.9	33.4	-37.5	25.0	13.4	5.9	1.6
1777	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	38.2	-35.7	-3.3	-13.6	-15.1	2.2
1851	ok	0.39	0.2	2.25e-02	7.7	7.7	12.7	12.7	-3.4	72.2	24.4	3.2	8.2	2.8
1852	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	33.6	4.1	-20.0	-11.0	-12.0	1.9
1854	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	31.6	173.8	-6.7	-6.3	-8.5	2.6
1855	ok	0.39	0.2	2.51e-02	7.7	7.7	12.7	12.7	1.4	81.1	56.1	4.6	8.7	1.5
1856	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	8.9	97.2	25.9	-7.3	-9.5	0.2
1857	ok	0.39	0.3	5.51e-02	7.7	7.7	12.7	12.7	35.2	-21.4	-47.6	12.6	6.3	-0.8
1858	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	4.8	-35.1	26.2	-12.8	-12.9	9.84e-03
1859	ok	0.44	0.3	0.1	11.2	13.0	16.2	18.0	-126.4	65.6	-185.9	-11.0	-18.6	-7.4
1860	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	12.6	-44.8	3.6	-15.2	-15.2	-1.0
1861	ok	0.39	0.2	4.56e-02	7.7	7.7	12.7	12.7	-5.0	-10.5	-32.5	5.5	6.3	-2.4
1862	ok	0.39	0.3	9.11e-02	7.7	7.7	12.7	12.7	11.5	-67.1	-5.4	-16.1	-17.7	-0.6
1863	ok	0.42	0.2	3.01e-02	7.7	10.8	12.7	15.8	13.8	122.2	113.2	7.1	9.8	1.9
1864	ok	0.39	0.3	7.49e-02	7.7	7.7	12.7	12.7	10.7	-71.2	-5.4	-16.2	-18.3	-0.9
1865	ok	0.43	0.2	8.23e-02	10.2	9.7	15.6	15.9	59.7	31.2	35.8	5.4	7.7	4.2
1866	ok	0.39	0.3	9.28e-02	7.7	7.7	12.7	12.7	11.8	-65.8	-14.2	-15.8	-18.0	-1.3
1867	ok	0.44	0.3	4.73e-02	7.7	13.0	12.7	18.0	28.0	89.7	188.9	11.7	10.7	0.9
1868	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	10.8	-53.1	-27.3	-14.4	-16.3	-1.6
1869	ok	0.42	0.4	6.15e-02	7.7	10.9	12.7	15.9	-131.4	42.2	-77.4	-10.0	-13.5	-7.6
1870	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	3.1	-41.9	-53.4	-11.6	-13.5	-1.8
1872	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	6.5	72.6	-58.0	-6.3	-10.0	-1.9
1873	ok	0.42	0.2	5.35e-02	10.2	9.7	15.2	15.6	14.9	29.8	15.6	5.3	7.5	4.1
1874	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-6.2	-6.3	69.1	-5.9	-10.9	2.2
1875	ok	0.40	0.2	7.01e-02	7.7	8.3	12.7	13.4	68.4	-24.3	14.2	8.2	9.2	-3.5
1876	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-16.4	-84.4	57.7	-10.6	-13.4	2.6
1877	ok	0.39	0.2	4.44e-02	7.7	7.7	12.7	12.7	-108.5	-25.2	-58.0	-6.9	-5.4	-6.2
1878	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-10.3	-57.9	4.9	-14.8	-15.7	0.3
1879	ok	0.50	0.3	6.22e-02	7.7	9.9	12.7	24.7	205.2	399.2	71.7	8.4	11.7	4.7
1880	ok	0.39	0.3	9.85e-02	7.7	7.7	12.7	12.7	-10.2	-71.4	-5.4	-15.5	-17.6	-0.4

Firmato digitalmente da: Filograsi Massimo
Firmato il 12/09/2024 18:24
Serial Certificato: 2e2285
Valido dal 07/09/2023 al
Actalis Qualified Electronic Signature CA

1881	ok	0.39	0.3	5.51e-02	7.7	7.7	12.7	12.7	39.9	-12.6	56.7	12.4	6.3	0.9
1882	ok	0.39	0.3	8.65e-02	7.7	7.7	12.7	12.7	-10.0	-75.3	-14.2	-15.3	-18.2	-1.1
1883	ok	0.53	0.3	7.16e-02	10.1	15.0	15.2	27.5	221.9	383.6	108.7	10.1	12.0	6.2
1884	ok	0.39	0.3	9.98e-02	7.7	7.7	12.7	12.7	-9.0	-69.9	-14.2	-15.2	-17.9	-1.4
1885	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	18.4	112.3	14.1	6.9	-7.9	6.94e-02
1886	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-8.1	-56.9	-27.3	-14.0	-16.3	-2.1
1887	ok	0.40	0.3	0.1	7.7	8.0	12.7	13.1	51.9	40.6	98.8	8.9	6.4	6.6
1888	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-17.1	-84.1	-55.7	-11.3	-13.2	-3.3
1889	ok	0.39	0.2	3.71e-02	7.7	7.7	12.7	12.7	-72.1	-25.2	-33.3	-4.3	-4.7	-5.5
1890	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-6.0	-1.8	-66.7	-6.4	-10.9	-3.2
1891	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-215.8	25.2	-57.5	12.1	6.2	-1.5
1892	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	4.3	-4.2	69.1	-6.4	-11.0	2.6
1894	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-18.7	-84.8	57.7	-10.1	-13.3	3.2
1895	ok	0.40	0.3	0.1	7.7	8.2	12.7	13.3	-213.4	49.0	-57.5	12.5	8.0	-4.0
1896	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-25.8	-74.2	29.2	-12.2	-15.4	2.4
1897	ok	0.39	0.2	3.69e-02	7.7	7.7	12.7	12.7	-46.3	-8.3	16.2	-3.6	-2.8	7.9
1898	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-25.9	-74.8	29.2	-12.3	-16.0	2.0
1899	ok	0.66	0.3	9.02e-02	19.0	22.3	21.7	46.3	116.3	154.6	-126.8	12.7	25.2	-17.0
1900	ok	0.39	0.3	9.57e-02	7.7	7.7	12.7	12.7	-34.3	-81.8	-13.5	-13.9	-15.9	-1.1
1901	ok	0.43	0.2	6.86e-02	8.9	8.5	14.4	16.5	104.9	256.3	-19.1	0.3	8.6	-3.1
1902	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-34.1	-80.7	-13.5	-13.9	-15.8	-1.6
1903	ok	0.43	0.2	5.92e-02	7.7	10.3	12.7	17.5	128.3	249.4	-17.3	9.3	9.0	-3.2
1904	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-27.2	-77.1	-28.1	-12.7	-15.0	-2.7
1905	ok	0.39	0.2	3.74e-02	7.7	7.7	12.7	12.7	-56.8	-9.4	13.7	-3.7	-4.1	8.4
1906	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-19.2	-84.5	-55.7	-10.5	-13.0	-3.8
1907	ok	0.40	0.2	6.61e-02	7.7	8.5	12.7	13.5	0.7	-33.7	-143.7	-6.8	10.9	4.3
1908	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	4.6	0.3	-66.7	-6.6	-10.9	-3.5
1909	ok	0.46	0.2	6.48e-02	14.2	13.9	19.2	19.0	-10.7	-1.1	37.4	9.4	5.1	-4.6
1910	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-22.2	-397.2	65.0	-7.4	-15.4	4.2
1911	ok	0.40	0.2	0.2	7.7	8.1	12.7	13.2	5.8	195.2	-154.0	-5.0	5.3	-7.3
1912	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-14.3	-124.5	50.8	-8.7	-12.3	3.1
1913	ok	0.56	0.4	6.53e-02	7.7	12.7	12.7	30.0	3.0	533.3	221.1	23.8	18.9	-9.7
1914	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-42.8	-96.5	23.4	-10.7	-11.7	2.1
1915	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-25.2	247.1	-147.6	-11.9	-4.3	-3.1
1916	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-64.6	-89.1	9.3	-11.7	-11.3	1.4
1928	ok	0.42	0.3	0.1	7.7	10.8	12.7	15.9	71.7	-62.4	203.4	11.7	7.9	0.6
1929	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-63.2	-81.6	9.3	-11.6	-11.1	1.0
1930	ok	0.39	0.3	8.66e-02	7.7	7.7	12.7	12.7	-4.4	331.7	-73.0	-13.2	-6.5	-1.4
1932	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-66.8	-92.8	-9.1	-11.9	-10.7	-1.4
1933	ok	0.49	0.4	4.51e-02	7.7	10.5	12.7	24.0	38.9	404.7	132.1	17.0	17.6	-6.8
1934	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-44.6	-98.7	-21.8	-11.0	-11.1	2.4
1936	ok	0.39	0.3	7.85e-02	7.7	7.7	12.7	12.7	-6.4	321.8	-73.0	-13.4	-7.7	-1.3
1965	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-15.4	-124.3	-48.1	-8.9	-11.9	3.0
1967	ok	0.39	0.2	4.50e-02	7.7	7.7	12.7	12.7	-109.7	-25.7	59.2	-7.0	-5.5	6.5
1968	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-22.5	-395.2	-62.2	-7.4	-14.9	-4.7
1969	ok	0.39	0.3	7.37e-02	7.7	7.7	12.7	12.7	2.2	323.0	26.4	-13.4	-8.1	1.1
1970	ok	0.45	0.3	2.94e-02	7.7	8.8	12.7	19.3	98.6	272.6	104.1	12.1	16.5	-4.5
1971	ok	0.39	0.3	7.67e-02	7.7	7.7	12.7	12.7	5.3	338.4	26.4	-13.3	-7.9	1.6
1972	ok	0.41	0.3	5.95e-02	7.7	10.2	12.7	15.2	73.0	-70.4	113.4	9.7	10.1	1.8
1988	ok	0.39	0.2	8.37e-02	7.8	7.7	12.8	12.7	6.2	362.8	84.3	-12.2	-6.7	2.8
1997	ok	0.43	0.3	1.68e-02	7.7	8.3	12.7	17.1	126.7	194.6	115.4	8.7	15.0	-3.2
2063	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-17.8	275.8	170.4	-10.3	-4.5	4.4
2064	ok	0.42	0.3	2.98e-02	7.7	8.4	12.7	16.2	20.6	294.3	-7.2	7.5	13.6	1.7
2071	ok	0.41	0.2	0.1	7.7	9.4	12.7	14.5	12.5	312.2	192.8	-4.1	4.9	8.5
2115	ok	0.42	0.3	1.78e-02	7.7	7.8	12.7	15.8	99.7	150.5	117.4	5.8	13.0	-2.8
2131	ok	0.39	0.3	4.31e-02	7.7	7.7	12.7	12.7	28.5	-16.0	33.0	7.8	13.9	1.4
2136	ok	0.42	0.3	1.76e-02	7.7	8.4	12.7	15.9	96.4	103.8	31.1	2.5	14.7	2.5
2201	ok	0.42	0.4	6.17e-02	7.7	11.1	12.7	16.1	-133.0	42.3	79.5	-10.2	-13.7	7.9
2206	ok	0.44	0.3	2.47e-02	7.7	9.7	12.7	18.3	70.2	180.1	-8.6	2.6	13.6	3.9
2268	ok	0.39	0.2	3.52e-02	7.7	7.7	12.7	12.7	-19.5	9.0	3.1	6.5	15.6	1.1
2328	ok	0.49	0.3	4.45e-02	7.7	12.2	12.7	23.2	11.2	285.7	-22.3	7.1	14.6	6.0
2329	ok	0.39	0.2	4.32e-02	7.7	7.7	12.7	12.7	29.8	303.5	-86.6	3.9	8.0	4.5
2330	ok	0.55	0.4	6.69e-02	7.7	15.0	12.7	29.5	-13.7	521.1	-323.0	17.9	15.0	-6.2
2333	ok	0.39	0.3	3.25e-02	7.7	7.7	12.7	12.7	-53.3	17.8	5.1	5.1	17.2	-1.1
2334	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-26.1	-42.0	53.4	-6.9	-14.2	-2.9
2338	ok	0.44	0.3	0.1	11.2	13.3	16.2	18.3	-128.0	66.5	190.1	-11.2	-18.8	7.6
2339	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-35.7	-135.5	22.5	-10.1	-11.4	-2.5
2342	ok	0.39	0.3	3.44e-02	7.7	7.7	12.7	12.7	85.0	26.6	-19.7	3.6	12.5	-9.2

Firmato digitalmente da: Massimo
Firmato il 10/09/2024 18:24
Serial Certificato: 2e2285
emesso da Qualified Electronic Signature

2344	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-76.7	-131.3	15.3	-11.8	-11.5	-2.1
2346	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-88.6	-115.7	-1.5	-12.2	-11.5	-1.3
2455	ok	0.53	0.6	6.34e-02	8.5	13.4	13.5	27.5	-36.0	375.8	60.9	29.3	31.6	10.1
2456	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-86.5	-111.4	0.9	-12.3	-12.1	1.0
2457	ok	0.39	0.4	4.18e-02	7.7	7.8	12.7	12.9	168.2	3.4	-42.5	7.8	11.6	-9.9
2458	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-86.7	-112.6	0.9	-12.3	-12.0	1.5
2459	ok	0.46	0.6	5.08e-02	7.7	13.3	12.7	20.1	239.5	271.6	-88.1	28.8	33.8	7.5
2460	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-75.1	-128.3	-16.1	-11.8	-11.8	2.3
2462	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-34.3	-133.5	-23.0	-10.1	-11.5	2.8
2463	ok	0.42	0.5	4.54e-02	7.7	10.3	12.7	16.0	256.9	262.4	-123.4	20.9	30.9	6.6
2464	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-55.5	-17.4	-39.0	-7.2	-13.0	3.8
2465	ok	0.41	0.5	5.97e-02	7.7	10.0	12.7	15.0	178.9	61.9	-182.4	11.4	12.9	-11.1
2466	ok	0.41	0.5	3.27e-02	7.7	9.7	12.7	15.0	170.0	243.0	-120.4	15.1	29.2	5.6
2468	ok	0.41	0.6	3.03e-02	7.7	8.3	12.7	14.6	103.3	241.3	-102.3	11.0	26.9	4.8
2469	ok	0.42	0.5	0.1	7.7	10.9	12.7	15.9	158.7	-40.9	-238.5	11.1	11.4	-10.1
2470	ok	0.41	0.5	2.94e-02	7.7	9.4	12.7	14.7	79.7	446.5	5.8	4.7	29.1	2.3
2472	ok	0.42	0.5	3.31e-02	7.7	10.4	12.7	16.6	56.0	503.2	54.0	4.0	27.0	2.1
2475	ok	0.39	0.4	1.99e-02	7.7	7.7	12.7	12.7	-3.1	-51.9	-5.4	-2.0	-27.9	-4.4
2476	ok	0.46	0.5	4.32e-02	7.7	12.8	12.7	20.6	149.6	319.4	96.5	10.2	19.3	-4.8
2480	ok	0.52	0.3	5.33e-02	7.7	13.2	12.7	26.8	-16.8	419.5	31.7	11.5	24.0	-5.8
2496	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-13.1	-27.7	3.6	-6.9	-13.6	-2.3
2498	ok	0.42	0.3	0.1	7.7	9.6	12.7	15.4	23.2	300.6	-152.9	-6.9	6.2	-6.1
2499	ok	0.39	0.4	4.07e-02	7.7	7.7	12.7	12.7	3.0	43.7	-21.6	-0.9	-6.9	-18.1
2501	ok	0.40	0.3	3.62e-02	7.7	8.0	12.7	13.0	97.0	211.0	109.2	5.8	11.1	6.6
2513	ok	0.43	0.3	3.22e-02	7.7	9.5	12.7	17.7	13.9	307.6	-15.1	7.6	15.7	1.2
2526	ok	0.39	0.4	2.89e-02	7.7	7.7	12.7	12.7	7.1	103.2	-20.3	-1.1	-8.4	-16.7
2552	ok	0.39	0.3	4.05e-02	7.7	7.7	12.7	12.7	-12.4	-99.1	-7.0	-2.3	-7.4	-12.5
2565	ok	0.39	0.4	2.82e-02	7.7	7.7	12.7	12.7	13.5	178.1	-17.1	-1.8	-12.3	-14.7
2578	ok	0.39	0.3	3.83e-02	7.7	7.7	12.7	12.7	-16.0	-107.4	1.8	-5.6	-18.7	-6.4
2591	ok	0.39	0.2	3.85e-02	7.7	7.7	12.7	12.7	12.8	369.9	-98.4	2.2	10.8	5.5
2604	ok	0.45	0.3	3.43e-02	7.7	9.4	12.7	19.4	5.2	318.3	-17.4	8.1	17.7	-2.3
2754	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-50.0	-144.4	9.4	-11.0	-14.6	-2.6
2756	ok	0.39	0.3	0.2	7.7	7.7	12.7	12.7	-63.4	-132.5	2.5	-13.4	-16.1	-1.9
2757	ok	0.40	0.3	0.1	8.2	7.7	13.3	12.7	10.8	335.8	-144.7	-12.6	-4.0	-1.7
2776	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-72.6	-124.5	-3.8	-14.1	-17.2	-1.2
2777	ok	0.48	0.3	6.73e-02	7.7	9.9	12.7	22.3	-33.2	135.3	3.7	-5.8	13.8	4.3
2778	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-71.3	-119.5	3.1	-14.3	-18.0	0.9
2779	ok	0.40	0.3	8.09e-02	8.4	7.7	13.4	12.7	35.5	339.7	-73.0	-14.5	-6.8	-1.0
2811	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-71.7	-121.4	3.1	-14.2	-17.5	1.3
2812	ok	0.49	0.5	8.52e-02	7.7	12.2	12.7	23.9	72.8	375.1	182.1	28.0	19.0	2.8
2813	ok	0.39	0.3	0.2	7.7	7.7	12.7	12.7	-62.5	-129.4	-3.3	-13.5	-16.3	2.1
2814	ok	0.40	0.3	7.09e-02	8.3	7.7	13.4	12.7	54.6	360.6	-14.7	-14.9	-8.8	2.9
2817	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-48.8	-141.3	-9.7	-11.0	-14.7	2.3
2823	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-16.5	-9.6	0.8	-7.2	-13.0	2.9
2826	ok	0.40	0.3	6.66e-02	8.3	7.7	13.3	12.7	53.5	355.4	-14.7	-15.1	-9.5	0.7
2829	ok	0.44	0.5	5.88e-02	7.7	11.5	12.7	18.8	81.1	301.6	150.7	22.7	19.7	2.8
2838	ok	0.40	0.3	6.90e-02	8.3	7.7	13.4	12.7	57.8	380.3	22.1	-14.5	-9.0	1.3
2839	ok	0.39	0.2	4.60e-02	7.7	7.7	12.7	12.7	18.8	204.3	-64.4	3.7	7.0	4.5
2840	ok	0.40	0.3	7.78e-02	8.5	7.7	13.5	12.7	38.2	369.2	84.3	-13.3	-7.0	2.5
2845	ok	0.42	0.5	4.29e-02	7.7	8.7	12.7	16.2	150.1	247.9	143.1	15.5	20.1	4.2
2851	ok	0.40	0.2	0.1	8.4	7.7	13.4	12.7	11.9	375.9	165.7	-11.0	-4.3	3.1
2857	ok	0.42	0.2	0.1	7.7	10.9	12.7	16.4	10.4	312.5	192.1	-6.3	4.5	8.0
2866	ok	0.47	0.4	4.38e-02	7.7	11.8	12.7	21.1	48.5	336.3	-192.5	20.5	14.9	13.1
2867	ok	0.40	0.5	4.01e-02	7.7	9.1	12.7	14.1	143.7	227.1	145.0	11.5	19.6	5.6
2868	ok	0.43	0.3	2.89e-02	7.7	9.6	12.7	17.6	58.4	289.1	-126.4	15.5	12.5	8.1
2878	ok	0.56	0.3	7.29e-02	7.7	8.1	12.7	30.5	-115.3	531.3	90.2	-0.9	15.4	1.5
2879	ok	0.40	0.3	2.66e-02	7.7	8.4	12.7	14.0	88.1	244.2	-42.3	11.1	10.6	5.3
2880	ok	0.39	0.4	3.77e-02	7.7	7.7	12.7	12.7	105.3	223.9	137.2	7.8	17.9	6.4
2881	ok	0.39	0.2	2.32e-02	7.7	7.7	12.7	12.7	103.8	212.0	-22.2	8.0	9.2	3.4
2886	ok	0.39	0.2	2.33e-02	7.7	7.7	12.7	12.7	97.3	204.6	-2.9	5.2	7.8	2.4
2887	ok	0.40	0.4	4.19e-02	7.7	8.1	12.7	13.2	69.6	244.6	136.5	4.2	15.7	7.8
2888	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-37.1	-210.9	13.6	-5.5	-12.8	-1.0
2889	ok	0.39	0.2	2.45e-02	7.7	7.7	12.7	12.7	102.0	390.8	24.4	1.2	11.0	1.1
2890	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-53.7	-154.3	-1.1	-11.9	-15.5	-1.6
2921	ok	0.39	0.3	0.2	7.7	7.7	12.7	12.7	-63.0	-135.3	-4.8	-14.5	-18.3	-1.2
2924	ok	0.40	0.2	2.77e-02	7.7	8.5	12.7	13.8	2.2	128.8	48.5	4.2	10.2	0.4
2925	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-67.6	-126.3	-5.8	-15.4	-20.0	-0.7
2926	ok	0.41	0.4	4.58e-02	7.7	9.7	12.7	15.3	14.0	482.6	38.7	8.98e-02	19.6	4.5

Firmato digitalmente da:
Facchini Massimo
Firmato il
10/04/2024 18:24
Serial#: 2e2f35
Valido dal 07/09/2023 al
Qualified Electronic

2927	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-66.9	-122.0	5.2	-15.7	-20.9	0.7
2930	ok	0.43	0.3	3.02e-02	7.7	10.6	12.7	17.7	15.7	534.1	193.8	5.5	14.0	0.9
2933	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-67.2	-123.4	5.2	-15.5	-20.2	0.8
2943	ok	0.39	0.3	0.2	7.7	7.7	12.7	12.7	-62.6	-131.9	4.1	-14.5	-18.5	1.3
2998	ok	0.39	0.3	3.57e-02	7.7	7.7	12.7	12.7	15.4	-88.2	-16.8	-3.2	-13.9	-9.0
3096	ok	0.41	0.4	6.13e-02	9.8	9.0	14.9	14.0	279.8	-31.4	-186.3	-5.5	-1.4	12.8
3115	ok	0.39	0.2	3.98e-02	7.7	7.7	12.7	12.7	-73.9	-18.0	-57.5	-6.4	-5.3	-5.9
3152	ok	0.47	0.3	4.44e-02	7.7	14.4	12.7	21.6	33.6	342.1	212.1	14.6	13.8	0.3
3153	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-53.2	-150.6	0.8	-11.9	-15.5	1.8
3154	ok	0.45	0.3	6.12e-02	7.7	12.0	12.7	19.8	61.8	608.7	24.6	-0.9	18.9	4.8
3155	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-26.7	-55.8	12.1	-6.4	-11.7	1.5
3156	ok	0.48	0.3	0.1	8.8	15.0	13.8	22.9	70.8	200.7	93.7	10.0	12.0	7.9
3157	ok	0.53	0.4	5.72e-02	7.7	12.9	12.7	27.1	1.5	433.3	246.6	19.0	16.0	-9.7
3158	ok	0.49	0.4	8.67e-02	7.7	14.1	12.7	23.8	47.1	381.8	-221.8	14.5	15.3	-7.0
3159	ok	0.48	0.3	4.13e-02	7.7	11.1	12.7	22.6	18.8	389.6	163.1	14.1	13.9	-6.4
3161	ok	0.43	0.3	2.35e-02	7.7	9.3	12.7	17.3	57.4	284.1	115.2	9.6	11.8	-4.0
3162	ok	0.40	0.3	3.91e-02	7.7	8.3	12.7	13.3	69.8	236.9	107.9	2.6	9.8	8.2
3163	ok	0.41	0.2	1.62e-02	7.7	8.3	12.7	14.4	83.1	194.3	112.1	6.5	10.2	-2.7
3165	ok	0.39	0.2	1.63e-02	7.7	7.8	12.7	12.8	90.6	140.8	107.1	3.9	8.5	0.2
3166	ok	0.39	0.3	3.53e-02	7.7	7.7	12.7	12.7	10.0	-96.3	-11.8	-2.4	-9.2	-11.2
3167	ok	0.40	0.2	1.71e-02	7.7	8.4	12.7	13.6	31.5	104.2	14.2	-1.8	9.9	2.6
3169	ok	0.43	0.2	2.12e-02	7.7	10.4	12.7	16.7	43.1	160.2	31.6	-1.7	9.9	3.5
3183	ok	0.48	0.3	4.03e-02	7.7	12.9	12.7	22.3	0.1	276.4	-55.9	6.8	12.4	5.7
3201	ok	0.52	0.3	6.43e-02	7.7	15.3	12.7	27.0	4.3	342.5	-324.1	17.2	13.0	-6.3
3211	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-40.6	-231.6	0.2	-5.1	-13.3	0.6
3216	ok	0.44	0.4	0.1	8.2	9.1	13.2	18.6	27.7	299.7	-141.8	-9.7	5.1	-5.8
3222	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-56.0	-175.4	-1.4	-11.6	-16.7	0.8
3227	ok	0.43	0.3	0.1	7.7	12.0	12.7	17.0	130.9	179.9	308.5	14.9	7.5	-1.0
3228	ok	0.39	0.3	0.2	7.7	7.7	12.7	12.7	-64.9	-143.1	-0.4	-14.4	-19.4	0.6
3229	ok	0.41	0.3	9.33e-02	9.2	7.9	14.2	13.7	18.3	231.0	-142.8	-10.1	3.1	-4.5
3230	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-69.7	-126.8	-5.8	-15.7	-20.0	-0.5
3232	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-68.9	-119.7	6.9	-16.0	-21.0	0.4
3236	ok	0.40	0.3	7.23e-02	9.1	7.7	14.1	12.7	91.8	398.0	-57.8	-14.9	-6.8	0.5
3237	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-69.7	-123.9	5.2	-15.8	-20.2	0.6
3246	ok	0.40	0.3	6.31e-02	7.7	9.2	12.7	14.2	30.2	-20.6	145.2	9.6	8.2	2.5
3251	ok	0.39	0.3	0.2	7.7	7.7	12.7	12.7	-65.3	-132.5	4.1	-14.9	-18.5	0.8
3253	ok	0.40	0.3	6.27e-02	9.2	7.7	14.3	12.7	108.5	371.4	-14.7	-15.4	-8.9	0.7
3267	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-55.9	-173.6	1.3	-11.5	-16.6	-0.7
3276	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-30.8	-97.0	12.7	-5.7	-12.8	-0.4
3277	ok	0.40	0.3	5.87e-02	9.1	7.7	14.1	12.7	107.4	366.1	-14.7	-15.6	-9.6	0.9
3278	ok	0.39	0.3	4.31e-02	7.7	7.7	12.7	12.7	126.2	10.7	103.6	10.3	3.1	0.1
3280	ok	0.40	0.3	6.10e-02	9.0	7.7	14.0	12.7	111.3	391.0	22.1	-14.9	-9.0	0.6
3282	ok	0.46	0.2	6.48e-02	14.2	13.9	19.2	19.0	-10.7	-1.1	37.4	9.4	5.1	2.3
3284	ok	0.41	0.3	6.92e-02	9.2	7.7	14.3	12.7	95.0	435.9	69.2	-13.5	-7.0	1.2
3285	ok	0.52	0.3	0.3	10.8	26.7	15.5	20.8	-645.2	-343.8	-328.0	-17.7	4.6	-4.4
3286	ok	0.39	0.2	3.51e-02	7.7	7.7	12.7	12.7	-29.4	172.3	1.4	-7.4	3.8	-6.1
3288	ok	0.41	0.2	8.91e-02	9.1	8.3	14.1	13.9	15.1	320.7	184.9	-8.9	2.5	5.3
3290	ok	0.39	0.1	5.45e-02	7.7	7.7	12.7	12.7	-16.1	39.2	-67.8	-4.5	2.6	-3.7
3292	ok	0.45	0.4	0.1	8.2	10.3	13.2	19.4	30.6	396.0	185.4	-8.4	4.9	6.4
3293	ok	0.43	0.2	0.3	11.3	9.6	15.9	14.6	-94.0	52.3	-203.7	-6.2	-2.0	-4.3
3294	ok	0.39	0.2	3.31e-02	7.7	7.7	12.7	12.7	-2.5	167.1	-16.0	-5.3	4.4	-7.9
3296	ok	0.39	0.1	5.15e-02	7.7	7.7	12.7	12.7	-70.8	6.8	-4.9	4.4	2.9	-0.7
3298	ok	0.39	0.3	3.55e-02	7.7	7.7	12.7	12.7	72.6	41.2	-51.2	2.0	7.2	-9.9
3301	ok	0.68	0.5	0.2	12.6	27.0	24.0	54.3	39.1	541.9	-16.3	18.1	16.6	4.8
3302	ok	0.39	0.4	4.34e-02	7.7	7.7	12.7	12.7	102.6	12.9	-99.3	6.5	6.0	-10.9
3306	ok	0.40	0.5	6.32e-02	7.7	9.2	12.7	14.2	109.6	-14.0	-177.9	11.3	5.2	-12.0
3309	ok	0.70	0.4	0.3	12.5	40.8	23.9	59.3	1272.8	1001.4	-498.4	27.7	19.5	-4.2
3310	ok	0.42	0.5	0.1	7.7	11.2	12.7	16.2	118.5	201.9	-310.5	13.3	8.2	-10.0
3312	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-40.1	-235.2	-19.2	-5.3	-13.1	1.9
3316	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-56.8	-173.5	-13.6	-11.2	-16.1	2.2
3319	ok	0.56	0.3	0.1	7.7	20.1	12.7	30.6	-253.3	505.9	-122.5	21.3	20.0	-5.7
3320	ok	0.39	0.3	0.2	7.7	7.7	12.7	12.7	-68.5	-143.8	-0.4	-14.1	-19.3	1.0
3324	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-76.3	-126.1	-7.6	-15.5	-20.2	7.70e-02
3327	ok	0.66	0.4	0.2	7.7	37.6	12.7	40.6	1063.5	967.5	359.1	30.4	21.0	4.2
3328	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-76.2	-121.2	6.9	-15.7	-21.0	0.2
3332	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-76.6	-123.1	6.9	-15.6	-20.3	2.68e-02
3336	ok	0.39	0.3	0.2	7.7	7.7	12.7	12.7	-70.9	-133.3	10.7	-14.6	-18.5	-0.4
3340	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-56.4	-171.4	13.4	-11.1	-16.0	-2.0

Firmato digitalmente da: Foglini Massimo
Firmato il 14/03/2024 18:24
Serial Certificato: 2702285
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature CA

3344	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-39.8	-231.5	19.4	-5.3	-13.1	-1.8
3347	ok	0.50	0.4	0.2	14.6	22.9	16.6	23.7	274.5	-38.4	27.1	-5.6	-2.0	-14.3
3351	ok	0.40	0.2	0.2	8.6	8.7	13.7	13.7	-5.6	-305.6	-131.3	-4.2	-8.2	-3.2
3353	ok	0.39	0.3	6.11e-02	7.7	7.7	12.7	12.8	27.0	-48.0	-11.3	14.6	6.1	-1.7
3355	ok	0.39	0.2	0.2	7.9	7.7	12.9	12.7	222.7	-51.3	248.5	-7.3	-11.9	3.7
3356	ok	0.40	0.2	5.58e-02	7.7	7.7	12.7	13.2	21.4	100.6	15.5	6.2	6.0	-2.1
3361	ok	0.40	0.2	0.2	8.1	7.7	13.1	12.7	125.2	-206.3	-213.3	-7.6	-12.1	-2.1
3363	ok	0.40	0.2	5.60e-02	7.7	7.7	12.7	13.1	23.8	108.4	44.7	5.3	7.2	1.9
3365	ok	0.49	0.3	0.2	7.9	22.0	13.0	23.7	-357.7	-113.2	-203.7	20.4	7.3	-2.6
3366	ok	0.39	0.3	6.03e-02	7.7	7.9	12.7	12.9	30.8	-27.5	40.9	14.5	6.2	1.5
3368	ok	0.39	0.2	3.06e-02	7.7	7.7	12.7	12.7	-8.0	47.6	-61.4	5.0	7.8	-1.4
3370	ok	0.39	0.2	4.24e-02	7.7	7.7	12.7	12.7	-54.8	81.3	-53.2	-1.6	9.7	-3.1
3371	ok	0.43	0.3	0.1	7.7	14.0	12.7	17.2	-242.4	51.9	-90.9	15.4	9.5	4.3
3372	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-34.0	-223.6	-33.6	-6.0	-14.0	2.6
3373	ok	0.48	0.3	9.41e-02	9.5	8.1	14.5	22.5	-14.7	380.4	-241.2	11.0	6.2	8.6
3374	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-52.4	-172.7	-13.6	-10.3	-15.9	2.5
3376	ok	0.39	0.3	0.2	7.7	7.7	12.7	12.7	-70.5	-142.8	-9.5	-13.0	-17.4	1.6
3377	ok	0.50	0.4	0.2	11.3	23.7	16.4	24.4	-350.9	-154.7	-291.8	20.9	5.2	1.8
3378	ok	0.43	0.3	7.81e-02	10.0	8.0	15.1	17.1	31.9	272.5	-120.6	-13.0	2.8	-2.4
3379	ok	0.39	0.3	0.2	7.7	7.7	12.7	12.7	-86.6	-125.1	-2.0	-14.2	-18.1	0.8
3380	ok	0.39	0.2	2.30e-02	7.7	7.7	12.7	12.7	-63.6	36.8	30.1	3.5	9.6	-0.3
3445	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-84.5	-114.5	-2.0	-14.2	-18.3	0.4
3446	ok	0.41	0.4	6.18e-02	9.4	7.7	14.4	13.5	152.6	448.2	-36.8	-14.2	-5.3	1.9
3447	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-89.3	-118.2	9.1	-14.3	-17.8	-0.4
3450	ok	0.39	0.3	0.2	7.7	7.7	12.7	12.7	-79.7	-131.1	19.2	-13.6	-16.7	-1.2
3451	ok	0.40	0.4	5.47e-02	9.1	7.7	14.2	12.7	64.0	136.6	-3.1	-16.8	-4.0	2.7
3453	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-51.9	-170.5	13.4	-10.3	-15.9	-2.3
3454	ok	0.39	0.2	4.63e-02	7.7	7.7	12.7	12.7	-23.2	47.1	58.5	5.1	8.2	0.7
3455	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-20.3	-74.2	30.1	-6.6	-13.6	-2.2
3457	ok	0.40	0.3	5.07e-02	9.0	7.7	14.1	12.7	164.8	389.5	-6.9	-15.0	-7.7	1.2
3459	ok	0.40	0.3	5.29e-02	9.2	7.7	14.3	12.7	172.6	421.7	16.5	-14.2	-7.2	0.7
3462	ok	0.41	0.3	5.88e-02	9.6	8.1	14.6	13.3	84.6	245.1	46.7	-10.3	-2.9	5.0
3465	ok	0.43	0.3	7.45e-02	9.6	8.3	14.7	16.7	168.7	885.3	13.4	-8.6	6.0	-4.4
3467	ok	0.48	0.3	8.93e-02	9.4	8.6	14.5	22.7	58.5	492.0	161.1	-10.7	5.0	4.2
3470	ok	0.50	0.4	5.70e-02	7.7	12.9	12.7	24.3	18.4	347.6	253.0	15.1	13.2	-9.2
3471	ok	0.40	0.2	5.64e-02	7.7	7.9	12.7	13.0	56.3	74.2	-33.7	9.5	12.4	2.4
3472	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	17.4	-92.3	248.5	-4.2	-11.3	1.4
3473	ok	0.47	0.3	3.74e-02	7.7	11.6	12.7	21.3	23.4	359.7	180.0	11.3	10.6	-5.6
3474	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-12.5	-119.9	122.6	-2.5	-10.6	1.7
3476	ok	0.39	0.1	0.2	7.7	7.7	12.7	12.7	-27.2	-252.0	187.3	3.9	-7.3	0.9
3477	ok	0.42	0.2	2.25e-02	7.7	10.0	12.7	16.2	41.1	283.8	130.4	7.5	8.2	-3.4
3478	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-14.8	-65.3	221.2	5.5	-2.5	-4.0
3479	ok	0.39	0.2	3.98e-02	7.7	7.7	12.7	12.7	70.7	-7.4	17.0	7.5	6.7	-2.5
3480	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-18.9	-101.3	211.1	7.5	-1.6	-6.0
3481	ok	0.39	0.2	1.57e-02	7.7	7.7	12.7	12.7	66.9	190.7	116.5	5.1	6.7	-2.2
3482	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-5.0	-98.3	236.8	8.1	-1.6	-6.7
3484	ok	0.42	0.3	0.2	10.4	7.7	15.4	12.7	-50.4	129.8	-99.1	7.7	1.1	-11.4
3485	ok	0.39	0.1	1.52e-02	7.7	7.7	12.7	12.7	178.6	438.2	-54.8	-4.0	6.3	-0.6
3486	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-41.5	-118.9	53.4	-6.5	-12.2	-2.1
3487	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-11.1	-74.8	-55.6	-6.1	-13.5	2.9
3488	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-3.6	-112.0	23.8	-2.5	-11.5	-0.5
3490	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-28.5	-596.3	79.5	6.7	-8.1	-0.6
3491	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-25.8	-168.7	-30.4	-9.1	-13.1	2.1
3492	ok	0.39	0.1	0.2	7.7	7.7	12.7	12.7	-31.1	-609.0	48.2	6.9	-8.3	0.5
3493	ok	0.39	0.2	1.73e-02	7.7	7.7	12.7	12.7	5.7	70.1	-25.5	2.1	7.0	-2.4
3494	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-29.3	-627.7	14.2	6.6	-8.6	1.4
3495	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-97.5	-130.4	-33.3	-12.0	-12.5	1.5
3496	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-32.8	-628.4	14.2	5.0	-8.9	1.8
3498	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-25.4	-146.1	-55.6	-5.8	-12.3	2.2
3499	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-107.5	-116.1	-10.2	-12.3	-12.7	0.7
3500	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-8.2	-124.9	-160.7	-4.7	-11.0	-0.7
3501	ok	0.42	0.2	2.25e-02	7.7	10.8	12.7	15.9	-4.9	110.1	-60.0	4.3	8.0	-4.2
3502	ok	0.39	0.1	0.2	7.7	7.7	12.7	12.7	-31.3	-592.2	-128.3	5.2	-7.7	-1.3
3503	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-104.6	-101.5	-10.2	-12.2	-12.4	0.3
3504	ok	0.39	0.1	0.2	7.7	7.7	12.7	12.7	-32.3	-592.4	-128.3	6.6	-7.4	-0.9
3506	ok	0.39	0.1	0.2	7.7	7.7	12.7	12.7	-34.8	-547.9	-162.9	7.2	-6.6	3.09e-02
3507	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-106.5	-116.9	9.6	-12.2	-12.7	-0.6
3508	ok	0.39	0.1	0.2	7.7	7.7	12.7	12.7	-32.4	-510.5	-194.6	7.1	-5.8	1.0

Firmato digitalmente da: Cocal Massimo
Firmato il 4/03/2024 18:24
Serial Certificato: 2302e5
Valido dal 07/09/2023 al 07/09/2026
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3509	ok	0.47	0.3	3.57e-02	7.7	13.4	12.7	21.4	30.1	370.0	-224.7	9.8	8.7	-6.7
3510	ok	0.39	0.1	0.2	7.7	7.7	12.7	12.7	-38.3	-481.6	-228.8	5.4	-5.4	1.5
3511	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-98.0	-126.5	32.9	-12.0	-12.5	-1.4
3512	ok	0.39	0.2	0.2	7.9	7.7	13.0	12.7	-0.1	-290.0	-104.0	-4.0	-8.3	4.3
3514	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-17.1	120.4	-215.8	-2.2	5.3	-6.6
3515	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-24.8	-166.1	29.9	-9.1	-13.1	-2.0
3516	ok	0.40	0.2	0.2	7.7	8.4	12.7	13.4	10.4	249.7	-244.0	-1.3	6.7	-6.6
3517	ok	0.50	0.4	5.52e-02	7.7	15.2	12.7	24.6	20.7	266.6	-318.1	17.1	9.9	-6.1
3518	ok	0.42	0.2	0.1	7.7	9.6	12.7	16.0	14.7	342.5	-244.0	-2.9	7.9	-6.3
3519	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-11.2	-72.4	56.5	-6.1	-13.5	-2.8
3520	ok	0.45	0.4	0.1	7.9	9.1	12.9	19.6	28.2	460.5	-234.7	-6.0	9.0	-4.7
3522	ok	0.49	0.3	9.01e-02	9.6	8.2	14.6	23.7	-13.0	418.6	-235.8	11.0	6.4	9.1
3524	ok	0.55	0.3	6.65e-02	11.3	7.9	17.0	29.7	30.3	555.8	-178.2	13.9	8.5	8.0
3525	ok	0.42	0.4	0.1	7.7	10.9	12.7	15.9	80.9	243.3	248.5	18.9	10.4	-1.9
3526	ok	0.67	0.3	8.72e-02	14.2	15.5	27.3	51.1	-17.2	968.4	210.3	12.7	14.2	11.7
3528	ok	0.66	0.6	0.1	8.6	18.5	13.6	43.3	28.5	672.7	118.8	26.0	20.0	-7.8
3529	ok	0.39	0.2	2.76e-02	7.7	7.7	12.7	12.7	5.4	55.3	75.0	5.7	8.2	1.3
3530	ok	0.64	0.4	8.48e-02	7.7	16.1	12.7	37.8	46.2	674.3	143.0	24.9	19.8	-8.9
3531	ok	0.41	0.4	7.74e-02	7.7	9.4	12.7	14.4	84.9	233.7	186.6	13.9	7.8	-0.7
3532	ok	0.57	0.4	7.38e-02	7.7	13.6	12.7	30.9	-0.2	513.8	214.7	23.6	18.0	-10.2
3533	ok	0.39	0.2	3.80e-02	7.7	7.7	12.7	12.7	31.7	10.2	64.2	6.5	6.8	1.9
3534	ok	0.52	0.4	7.21e-02	7.7	13.0	12.7	26.2	-24.9	262.8	270.4	20.8	14.5	-10.5
3536	ok	0.48	0.4	6.41e-02	7.7	12.6	12.7	23.1	8.9	271.3	256.0	15.3	13.8	-10.2
3537	ok	0.40	0.2	5.43e-02	7.7	8.0	12.7	13.0	28.8	-90.6	100.2	9.4	8.1	7.86e-02
3538	ok	0.45	0.4	7.23e-02	7.7	12.0	12.7	19.9	29.0	178.5	-17.9	16.4	12.8	-8.0
3539	ok	0.43	0.3	5.59e-02	7.7	11.9	12.7	17.0	76.8	231.9	-188.0	8.2	7.8	7.8
3540	ok	0.45	0.5	0.1	7.7	14.2	12.7	19.2	30.7	82.8	-10.0	16.8	11.7	-6.3
3541	ok	0.39	0.4	5.39e-02	7.7	7.7	12.7	12.7	86.7	215.1	131.9	9.1	5.5	5.3
3542	ok	0.41	0.5	8.11e-02	7.7	10.3	12.7	15.4	118.1	-19.3	-155.2	21.0	7.4	-3.4
3543	ok	0.42	0.3	2.94e-02	7.7	10.9	12.7	15.9	-49.7	247.8	-73.7	-3.2	11.9	-7.8
3544	ok	0.39	0.4	7.04e-02	7.7	7.8	12.7	12.9	71.0	95.8	45.1	15.6	6.7	-2.1
3546	ok	0.39	0.3	6.57e-02	7.7	7.7	12.7	12.7	30.5	-74.7	-11.3	13.7	6.1	-1.7
3547	ok	0.40	0.3	2.60e-02	7.7	8.3	12.7	13.3	-58.0	237.4	-85.5	-3.8	10.6	-6.8
3548	ok	0.39	0.3	6.38e-02	7.7	7.7	12.7	12.7	24.1	-62.2	-28.8	14.6	6.5	-1.7
3549	ok	0.39	0.3	3.97e-02	7.7	7.7	12.7	12.7	-10.4	185.6	-31.6	-9.9	2.7	-6.0
3550	ok	0.39	0.3	6.15e-02	7.7	7.7	12.7	12.7	21.3	-49.2	-47.6	14.4	6.9	-1.3
3551	ok	0.39	0.2	2.20e-02	7.7	7.7	12.7	12.7	-42.8	177.4	-92.3	-3.7	9.4	-4.5
3552	ok	0.40	0.3	5.87e-02	7.7	8.1	12.7	13.1	30.5	263.4	143.7	10.5	7.8	-5.6
3553	ok	0.51	0.6	4.04e-02	7.7	10.4	12.7	26.0	65.6	398.3	-70.0	26.0	18.9	11.4
3554	ok	0.41	0.3	6.29e-02	7.7	9.5	12.7	14.5	59.9	123.0	164.1	15.8	8.8	2.9
3555	ok	0.39	0.2	2.18e-02	7.7	7.7	12.7	12.7	-33.7	59.0	-67.1	-2.8	10.3	2.1
3556	ok	0.43	0.5	6.66e-02	7.7	11.9	12.7	16.9	50.0	182.1	38.2	19.0	11.2	2.5
3558	ok	0.45	0.4	5.26e-02	7.7	12.5	12.7	19.3	43.1	247.1	52.8	18.3	12.3	3.3
3559	ok	0.54	0.3	7.32e-02	11.8	9.5	17.4	29.1	4.9	376.6	-265.0	13.6	6.6	8.7
3560	ok	0.47	0.4	4.82e-02	7.7	13.4	12.7	21.3	60.6	304.4	-205.1	16.3	13.1	13.1
3561	ok	0.39	0.2	2.39e-02	7.7	7.7	12.7	12.7	-32.7	52.8	5.0	3.4	11.2	1.1
3562	ok	0.47	0.4	4.49e-02	7.7	12.3	12.7	22.1	48.4	349.1	-195.0	20.5	15.2	13.9
3563	ok	0.48	0.4	6.13e-02	10.2	8.5	15.2	22.4	14.0	286.7	-87.6	13.7	10.6	4.1
3564	ok	0.50	0.5	4.10e-02	7.7	11.7	12.7	24.7	23.8	346.0	-198.3	23.8	15.8	14.1
3565	ok	0.46	0.5	3.60e-02	7.7	12.4	12.7	20.1	88.3	309.6	-75.2	23.4	23.2	8.0
3566	ok	0.52	0.5	4.15e-02	7.7	11.4	12.7	26.9	74.4	451.8	-74.6	26.0	19.0	11.6
3567	ok	0.45	0.4	5.34e-02	9.9	8.1	14.7	19.3	103.0	207.2	-74.4	12.9	12.5	-0.6
3568	ok	0.56	0.6	7.12e-02	8.3	17.0	13.3	30.4	23.4	511.9	248.1	27.0	20.4	10.9
3569	ok	0.39	0.2	2.70e-02	7.7	7.7	12.7	12.7	-0.4	44.5	30.9	4.8	10.7	2.0
3570	ok	0.55	0.5	7.56e-02	10.0	15.6	15.1	29.4	5.6	520.5	-109.2	28.9	20.5	-2.8
3571	ok	0.43	0.4	4.69e-02	9.7	7.7	14.3	16.9	107.0	245.0	-27.1	-14.9	7.9	3.1
3572	ok	0.51	0.5	8.72e-02	7.7	12.8	12.7	25.3	74.3	439.1	193.4	27.8	18.3	-2.5
3573	ok	0.39	0.2	3.44e-02	7.7	7.7	12.7	12.7	11.2	181.0	-42.9	-7.6	2.5	-7.9
3574	ok	0.48	0.5	9.98e-02	7.7	12.2	12.7	22.8	44.0	368.1	228.3	23.5	16.0	-2.9
3575	ok	0.42	0.3	4.24e-02	9.7	7.8	13.7	16.1	120.6	239.8	-24.9	-11.0	11.7	-2.8
3576	ok	0.46	0.5	0.1	7.7	11.7	12.7	20.1	55.7	300.9	248.0	21.7	13.5	-2.8
3577	ok	0.41	0.2	3.41e-02	7.7	10.2	12.7	15.3	32.3	13.3	96.5	7.3	9.8	2.6
3578	ok	0.44	0.5	0.1	7.7	10.6	12.7	18.0	76.2	224.3	252.3	18.9	11.0	-2.4
3579	ok	0.43	0.3	4.54e-02	9.9	8.2	14.0	16.7	113.4	259.7	39.9	-11.4	11.1	-3.7
3580	ok	0.43	0.5	0.1	7.7	11.8	12.7	16.8	66.8	133.0	-89.4	20.5	9.4	-1.0
3581	ok	0.42	0.4	3.19e-02	7.7	10.5	12.7	16.2	164.1	252.0	-75.8	18.2	23.1	5.6
3582	ok	0.42	0.6	0.1	7.7	10.4	12.7	15.4	87.7	56.3	-76.7	23.5	8.3	0.5
3583	ok	0.44	0.3	4.99e-02	9.5	8.6	13.3	18.6	93.6	308.5	58.1	-10.6	10.1	-4.4

Firmato digitalmente da: Zecchini Massimo
Firmato il 11/03/2024 18:24
Serial Certificato: 2e2285
Valido dal 01/09/2023 al 01/09/2026
InfoCert Qualified Electronic Signature CA

3584	ok	0.41	0.6	0.1	7.7	10.1	12.7	15.1	70.2	-198.6	-31.7	26.4	2.6	-1.5
3585	ok	0.42	0.3	5.78e-02	7.7	11.2	12.7	16.2	35.0	74.9	158.2	8.6	10.0	1.3
3586	ok	0.40	0.5	8.56e-02	7.7	8.8	12.7	13.9	72.0	-146.6	-30.0	22.4	2.0	-2.5
3587	ok	0.47	0.3	5.82e-02	9.5	8.8	14.5	21.4	53.2	381.2	85.4	-10.6	7.4	-5.7
3588	ok	0.40	0.4	7.76e-02	7.7	8.3	12.7	13.3	25.2	156.3	247.7	13.6	6.4	5.6
3590	ok	0.40	0.5	7.18e-02	7.7	8.0	12.7	13.0	42.1	139.1	241.4	14.9	5.7	5.9
3591	ok	0.53	0.3	7.07e-02	12.2	10.0	17.3	28.0	6.2	659.1	175.9	-11.9	8.4	-7.4
3592	ok	0.39	0.5	8.49e-02	7.7	7.7	12.7	12.8	-6.0	-294.5	-92.2	15.3	5.5	-4.9
3593	ok	0.40	0.5	2.87e-02	7.7	9.0	12.7	14.0	150.7	230.4	-76.9	12.7	20.9	4.3
3594	ok	0.40	0.4	0.1	7.7	8.4	12.7	13.4	-46.1	-94.3	-176.7	15.7	-0.4	-9.3
3595	ok	0.39	0.2	3.90e-02	7.7	7.7	12.7	12.7	34.0	177.8	-56.6	-4.9	3.4	-8.5
3596	ok	0.45	0.4	0.2	10.3	13.3	15.3	18.3	-92.0	-109.6	18.9	-8.4	-2.6	-14.4
3597	ok	0.40	0.4	2.81e-02	7.7	8.0	12.7	13.1	109.8	227.1	-65.8	8.8	18.8	3.4
3598	ok	0.52	0.6	7.15e-02	7.7	12.3	12.7	26.4	-36.7	402.8	67.8	29.0	21.0	-2.9
3599	ok	0.40	0.4	2.95e-02	7.7	9.2	12.7	14.2	100.3	427.7	7.3	3.3	21.2	1.6
3601	ok	0.42	0.4	3.26e-02	7.7	10.5	12.7	15.9	85.6	491.3	36.1	2.1	19.8	1.2
3603	ok	0.45	0.6	5.08e-02	7.7	13.2	12.7	19.0	201.9	287.4	174.3	25.9	26.8	3.1
3605	ok	0.46	0.3	3.69e-02	7.7	13.3	12.7	20.4	12.3	584.0	127.8	6.1	20.0	-0.6
3607	ok	0.39	0.3	6.37e-02	7.7	7.7	12.7	12.7	65.9	-52.7	7.5	12.1	5.8	-1.5
3609	ok	0.39	0.3	5.43e-02	7.7	7.7	12.7	12.7	58.0	191.5	-127.4	2.9	5.3	-10.1
3611	ok	0.41	0.2	5.99e-02	7.7	8.5	12.7	14.3	85.9	261.8	-36.2	7.5	5.4	-2.9
3612	ok	0.51	0.4	0.2	14.4	22.8	17.0	25.3	277.8	-39.3	-23.4	-5.7	-2.0	14.5
3613	ok	0.50	0.3	4.21e-02	7.7	12.8	12.7	25.1	42.2	392.5	143.4	12.5	14.9	-4.3
3615	ok	0.43	0.6	4.72e-02	7.7	12.3	12.7	17.3	248.9	258.9	191.3	20.8	30.1	4.0
3616	ok	0.41	0.2	0.2	8.6	8.9	13.6	13.9	143.4	131.4	474.0	-6.8	-4.4	5.5
3618	ok	0.42	0.6	4.25e-02	7.7	10.6	12.7	15.9	169.5	241.1	189.2	15.9	29.2	4.7
3619	ok	0.41	0.5	7.78e-02	7.7	9.8	12.7	14.8	69.1	236.1	-238.2	9.1	7.4	-11.0
3620	ok	0.39	0.2	0.2	7.8	7.7	12.8	12.7	151.2	-211.4	-256.0	-7.0	-12.0	-4.0
3621	ok	0.41	0.5	3.99e-02	7.7	9.3	12.7	14.8	102.5	240.3	173.0	11.2	26.6	5.1
3623	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-28.6	-315.8	-94.4	-6.9	-13.7	-3.2
3624	ok	0.41	0.5	4.36e-02	7.7	9.8	12.7	15.1	49.8	258.2	170.5	7.0	23.2	6.2
3625	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-69.7	-119.0	-72.3	-10.3	-11.8	-2.3
3626	ok	0.40	0.2	0.2	8.1	7.7	13.1	12.7	125.5	-203.6	215.4	-7.6	-12.1	2.1
3627	ok	0.42	0.5	0.1	7.7	11.2	12.7	16.2	67.9	261.2	-256.5	15.8	10.6	-9.8
3628	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-99.4	-76.0	-43.9	-11.7	-11.7	-1.4
3629	ok	0.42	0.5	4.67e-02	7.7	10.5	12.7	15.7	54.7	501.9	41.9	3.5	27.0	4.0
3630	ok	0.52	0.4	0.2	8.3	21.8	13.3	26.8	-337.8	-109.2	201.3	19.8	7.2	-2.1
3631	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-108.5	-62.0	-13.7	-12.1	-11.6	-0.6
3633	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-106.4	-50.4	12.1	-12.1	-11.5	0.2
3634	ok	0.42	0.3	7.22e-02	7.7	9.7	12.7	16.3	83.7	250.5	-86.3	5.8	8.3	-0.9
3635	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-108.3	-60.0	12.1	-12.1	-11.6	0.7
3636	ok	0.44	0.3	0.1	7.7	14.3	12.7	17.8	-210.6	81.4	59.3	15.1	9.6	-1.5
3637	ok	0.46	0.5	4.99e-02	7.7	11.1	12.7	20.2	-19.1	592.7	58.7	4.3	25.9	4.5
3638	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-99.8	-71.4	43.2	-11.8	-11.6	-1.5
3639	ok	0.39	0.3	6.21e-02	7.7	7.7	12.7	12.7	58.6	-43.8	5.3	11.9	5.8	1.1
3640	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-69.9	-113.6	71.9	-10.3	-11.8	2.4
3642	ok	0.53	0.4	0.2	7.9	24.0	12.9	27.1	-383.2	-294.8	-183.2	23.6	2.6	-8.6
3643	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-28.1	-312.0	94.8	-6.9	-13.6	3.3
3644	ok	0.53	0.4	7.25e-02	7.7	14.5	12.7	27.4	-77.6	778.2	21.1	8.5	24.3	2.6
3645	ok	0.47	0.4	6.10e-02	7.7	12.9	12.7	21.4	52.4	244.8	246.5	11.5	10.9	-8.2
3711	ok	0.46	0.3	3.96e-02	7.7	12.2	12.7	20.2	92.3	286.0	213.8	11.8	7.1	7.6
3714	ok	0.42	0.2	2.88e-02	7.7	10.7	12.7	16.4	80.3	223.3	138.7	7.9	7.1	5.7
3716	ok	0.39	0.2	2.08e-02	7.7	7.7	12.7	12.7	57.9	152.9	99.8	5.1	6.1	3.5
3719	ok	0.39	0.1	1.52e-02	7.7	7.7	12.7	12.7	-5.2	-10.3	3.5	4.4	6.6	0.5
3720	ok	0.65	0.4	7.85e-02	14.3	13.7	19.6	40.2	-137.8	523.4	49.9	14.8	22.8	9.2
3723	ok	0.57	0.5	5.52e-02	9.6	10.8	13.3	31.4	143.8	282.3	-105.7	22.5	24.4	2.1
3724	ok	0.39	0.2	1.80e-02	7.7	7.7	12.7	12.7	44.4	140.4	-75.8	2.8	6.7	-4.2
3726	ok	0.50	0.4	5.38e-02	9.7	12.5	13.0	24.2	268.8	232.0	-119.7	18.6	28.2	-1.0
3728	ok	0.47	0.4	4.02e-02	9.4	11.3	14.2	21.1	168.6	180.1	-122.0	13.2	27.0	-2.1
3730	ok	0.43	0.2	2.77e-02	7.7	11.7	12.7	16.7	66.8	222.7	-122.6	6.6	7.9	-7.3
3731	ok	0.46	0.4	3.23e-02	9.3	11.1	12.7	20.1	121.4	168.3	-107.5	9.4	24.9	-3.0
3732	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-44.8	-212.0	-122.8	-5.9	-11.6	-2.6
3735	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-60.6	-97.2	-96.5	-10.8	-13.5	-2.5
3736	ok	0.47	0.4	3.93e-02	9.1	11.9	12.9	21.2	38.2	103.9	-6.4	7.0	25.1	-1.0
3737	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	17.7	-89.7	-247.0	-4.2	-11.3	-2.0
3738	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-80.1	-57.0	-57.2	-12.9	-15.4	-1.7
3739	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-12.7	-115.1	-121.3	-2.5	-10.6	-2.5
3740	ok	0.46	0.3	3.89e-02	7.7	13.7	12.7	20.7	80.8	276.3	-203.1	11.4	8.0	-10.1

Firmato digitalmente da: Fulgenzi Massimo
Firmato il 12/03/2024 18:24
Serial Certificato: 2702565
Valid from 07/09/2023 al 07/09/2026
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3741	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-13.0	-168.3	-203.6	1.5	-5.4	-8.1
3742	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-92.6	-28.4	-17.3	-13.9	-16.3	-0.8
3743	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-13.6	-131.6	-217.8	1.4	-4.6	-7.7
3744	ok	0.50	0.3	4.93e-02	8.9	8.8	13.6	24.4	49.6	130.3	-10.3	6.5	22.8	-1.3
3745	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-18.7	-108.1	-55.9	4.2	-1.6	8.7
3746	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-89.6	-25.3	-19.3	-13.9	-16.5	-0.2
3747	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-5.5	-54.4	-46.3	4.0	-1.2	8.8
3749	ok	0.41	0.2	0.2	10.2	7.7	15.2	12.7	-19.1	471.0	11.5	-5.0	-5.3	4.0
3750	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-92.3	-28.5	16.6	-13.8	-16.2	0.9
3751	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-66.2	-70.9	-39.0	-6.8	-11.1	2.9
3752	ok	0.55	0.3	4.96e-02	9.4	10.5	14.4	29.0	91.1	427.3	40.7	-9.1	18.8	-7.0
3753	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-3.8	-110.8	-23.1	-2.5	-11.5	0.5
3754	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-79.9	-52.8	55.8	-12.9	-15.3	1.7
3755	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-27.4	-583.8	-113.9	6.7	-7.7	1.0
3756	ok	0.47	0.4	5.90e-02	7.7	14.8	12.7	22.1	92.5	272.6	-297.1	14.7	9.4	-6.1
3757	ok	0.39	0.1	0.2	7.7	7.7	12.7	12.7	-31.0	-600.7	-48.3	7.0	-8.2	-0.3
3758	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-57.7	-90.8	99.8	-10.3	-13.7	2.8
3759	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-29.1	-618.6	-14.3	6.6	-8.5	-1.3
3760	ok	0.65	0.4	6.70e-02	14.7	14.5	19.7	38.0	104.4	605.1	47.3	-11.5	19.6	-8.7
3761	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-38.7	-649.6	25.5	5.0	-9.0	-1.6
3762	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-44.6	-207.1	123.2	-5.8	-11.5	2.6
3763	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-20.3	-117.5	19.9	-5.8	-11.9	-2.5
3765	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-7.9	-121.6	161.7	-4.7	-10.9	0.7
3767	ok	0.39	0.1	0.2	7.7	7.7	12.7	12.7	-31.2	-579.5	128.1	5.3	-7.6	1.4
3769	ok	0.39	0.1	0.2	7.7	7.7	12.7	12.7	-32.4	-579.7	128.1	6.7	-7.3	1.0
3771	ok	0.39	0.1	0.2	7.7	7.7	12.7	12.7	-34.9	-534.6	162.8	7.3	-6.5	5.61e-02
3773	ok	0.39	0.1	0.2	7.7	7.7	12.7	12.7	-32.1	-491.5	184.2	7.1	-5.4	-1.4
3775	ok	0.39	0.1	0.2	7.7	7.7	12.7	12.7	-35.4	-463.5	217.5	5.6	-5.0	-1.8
3777	ok	0.39	0.2	0.2	7.7	7.7	12.8	12.7	-52.6	107.5	265.3	-6.3	-6.3	-3.3
3779	ok	0.40	0.2	0.2	7.7	8.5	12.7	13.5	2.2	243.5	258.8	-1.7	4.2	8.0
3781	ok	0.41	0.2	0.1	7.7	9.7	12.7	14.7	8.3	318.1	264.0	-1.5	5.2	8.0
3783	ok	0.43	0.3	0.1	7.7	11.1	12.7	17.1	15.9	413.1	272.9	-2.4	6.8	7.4
3785	ok	0.46	0.4	0.1	7.7	10.5	12.7	20.6	28.8	529.6	258.2	-6.0	7.3	6.0
3787	ok	0.50	0.4	8.49e-02	9.4	8.9	14.4	24.4	22.9	527.9	247.4	-10.1	6.6	4.7
3788	ok	0.46	0.3	4.52e-02	7.7	13.2	12.7	20.6	62.6	303.7	-201.5	16.1	12.2	12.1
3789	ok	0.55	0.3	6.32e-02	11.8	8.0	17.2	29.7	61.5	881.2	160.1	-11.1	11.7	-6.6
3791	ok	0.66	0.3	7.64e-02	15.6	16.7	29.1	49.5	253.5	1262.0	168.4	-12.8	13.4	-10.1
3792	ok	0.43	0.3	2.86e-02	7.7	10.5	12.7	16.8	65.7	273.9	-139.1	12.1	9.4	7.2
3793	ok	0.67	0.5	0.1	8.1	21.7	13.1	44.2	67.6	563.0	6.2	19.3	16.9	7.7
3795	ok	0.65	0.4	8.55e-02	7.7	19.4	12.7	38.2	-15.3	645.0	-301.9	16.4	15.7	-7.3
3796	ok	0.39	0.2	2.50e-02	7.7	7.7	12.7	12.7	-22.4	230.4	-78.5	-9.2	4.4	-6.8
3797	ok	0.57	0.4	7.32e-02	7.7	16.5	12.7	31.2	-19.9	384.6	-329.9	17.8	14.5	-10.3
3799	ok	0.52	0.3	7.01e-02	7.7	15.4	12.7	26.3	31.2	334.2	-13.4	17.4	10.8	-9.2
3800	ok	0.39	0.2	2.11e-02	7.7	7.7	12.7	12.7	-4.4	196.9	-60.5	-8.5	3.6	-4.3
3801	ok	0.49	0.4	6.22e-02	7.7	15.0	12.7	23.6	39.6	282.4	-0.4	18.6	9.6	-8.9
3802	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-49.6	-172.4	-143.3	-5.3	-11.4	-2.1
3803	ok	0.46	0.4	6.90e-02	7.7	14.3	12.7	20.7	47.7	218.6	-2.5	20.7	8.7	-8.2
3805	ok	0.45	0.5	9.22e-02	7.7	14.2	12.7	19.2	44.3	144.2	-16.8	22.9	7.8	-7.2
3806	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-69.9	-99.1	-96.5	-11.4	-13.6	-2.0
3807	ok	0.42	0.5	7.75e-02	8.0	10.9	13.0	16.0	124.1	96.8	-1.7	20.7	7.3	-0.6
3808	ok	0.39	0.2	2.06e-02	7.7	7.7	12.7	12.7	22.4	179.2	-37.5	-6.9	3.4	-2.4
3809	ok	0.39	0.3	6.80e-02	7.7	7.7	12.7	12.7	63.8	101.1	-33.0	14.7	6.4	0.4
3810	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-77.0	-15.4	-67.9	-13.8	-16.5	-1.2
3811	ok	0.39	0.3	6.48e-02	7.7	7.7	12.7	12.7	27.8	-65.5	25.0	13.4	6.0	1.4
3813	ok	0.39	0.3	6.34e-02	7.7	7.9	12.7	12.9	25.6	-53.7	40.9	14.5	6.5	1.6
3814	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-84.7	6.5	-22.0	-15.0	-17.9	-0.6
3815	ok	0.39	0.3	6.15e-02	7.7	7.7	12.7	12.7	25.8	-41.1	56.7	14.2	6.8	1.4
3816	ok	0.39	0.2	2.28e-02	7.7	7.7	12.7	12.7	4.5	89.0	28.4	2.7	7.9	0.6
3817	ok	0.40	0.3	5.87e-02	7.7	8.1	12.7	13.1	36.3	275.8	-142.0	10.3	7.7	5.6
3818	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-83.1	14.7	-22.0	-15.1	-18.1	-0.4
3819	ok	0.40	0.3	6.04e-02	7.7	9.2	12.7	14.3	56.6	141.2	-50.1	15.7	8.4	1.5
3821	ok	0.42	0.4	6.63e-02	7.7	11.1	12.7	16.1	46.7	202.9	-48.9	17.7	11.2	1.7
3822	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-84.9	6.6	21.3	-14.9	-17.8	0.7
3823	ok	0.44	0.3	5.34e-02	7.7	13.1	12.7	18.2	35.8	263.8	-55.8	17.1	12.3	1.5
3824	ok	0.39	0.2	2.60e-02	7.7	7.8	12.7	12.8	1.6	116.1	56.4	4.2	8.9	1.0
3825	ok	0.46	0.3	4.93e-02	7.7	14.9	12.7	20.0	30.6	308.5	-56.4	16.6	13.5	1.5
3826	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-77.2	-13.4	67.5	-13.7	-16.3	1.2
3827	ok	0.47	0.3	4.54e-02	7.7	14.8	12.7	21.9	21.3	356.2	-57.6	16.9	14.9	-1.2

Firmato digitalmente da: Fogli Massimo
Firmato il 16/10/2024 18:24
Serial Number del Certificato: 2e2565
Valido dal 01/09/2023 al 01/09/2026
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3829	ok	0.50	0.3	4.33e-02	7.7	15.3	12.7	24.4	18.8	396.0	-49.9	18.2	16.6	-1.8
3830	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-70.9	-93.5	99.8	-11.1	-13.9	2.4
3831	ok	0.52	0.4	4.54e-02	7.7	13.5	12.7	26.8	19.8	445.9	-35.5	20.3	18.5	-2.6
3832	ok	0.42	0.3	2.98e-02	7.7	10.9	12.7	16.6	24.1	476.2	213.9	5.0	12.0	1.9
3833	ok	0.57	0.4	4.89e-02	7.7	16.3	12.7	31.0	53.4	828.0	-159.6	22.6	20.3	-4.6
3834	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-49.6	-167.2	143.6	-5.2	-11.3	2.1
3835	ok	0.55	0.4	7.55e-02	8.9	13.9	13.9	29.7	65.9	493.3	186.3	24.6	20.3	-6.6
3837	ok	0.51	0.4	8.86e-02	7.7	14.7	12.7	25.6	25.1	418.3	106.3	22.3	17.8	-9.6
3838	ok	0.45	0.3	4.64e-02	7.7	14.5	12.7	19.6	17.9	559.0	292.2	10.9	14.8	0.5
3839	ok	0.48	0.4	9.96e-02	7.7	14.2	12.7	22.7	26.6	355.7	159.0	17.3	15.2	-11.0
3841	ok	0.46	0.5	0.1	7.7	13.3	12.7	20.1	33.9	316.6	73.2	16.0	13.0	-12.0
3843	ok	0.44	0.5	0.1	7.7	11.5	12.7	18.0	50.1	249.9	76.9	16.5	11.1	-12.3
3845	ok	0.42	0.5	0.1	7.7	11.0	12.7	16.0	73.7	-26.6	28.9	21.9	5.1	-13.7
3847	ok	0.42	0.6	0.1	7.7	10.8	12.7	15.8	98.9	-109.0	26.8	25.5	4.4	-12.0
3849	ok	0.41	0.6	0.1	7.7	9.3	12.7	14.3	67.0	-59.1	71.0	22.8	5.3	-7.3
3851	ok	0.40	0.5	8.42e-02	7.7	8.6	12.7	13.6	60.2	-61.8	82.1	19.9	4.7	-6.7
3853	ok	0.39	0.4	7.62e-02	7.7	7.9	12.7	12.9	23.6	156.0	-252.9	13.6	6.4	-6.2
3855	ok	0.39	0.5	7.07e-02	7.7	7.9	12.7	12.9	41.1	139.1	-246.0	14.9	5.8	-6.4
3857	ok	0.39	0.5	8.47e-02	7.7	7.9	12.7	12.9	52.1	124.9	-242.0	14.8	5.0	-6.5
3859	ok	0.40	0.4	0.1	7.7	8.6	12.7	13.7	-46.4	-92.1	172.0	15.5	-0.4	9.1
3861	ok	0.45	0.4	0.2	10.3	13.6	15.3	18.6	-92.1	-111.2	-15.3	-8.5	-2.6	14.7
3866	ok	0.39	0.2	3.52e-02	7.7	7.7	12.7	12.7	-38.7	-4.3	-21.2	-3.7	-4.0	-7.8
3896	ok	0.46	0.4	0.2	9.7	21.9	14.7	15.5	671.8	77.1	-123.5	20.8	16.5	-6.3
3897	ok	0.39	0.3	5.83e-02	7.7	7.7	12.7	12.7	26.6	-23.1	-47.6	14.3	6.7	-1.1
3898	ok	0.45	0.4	0.1	7.7	20.9	12.7	15.3	636.6	-34.1	97.3	20.0	12.1	-4.5
3900	ok	0.42	0.4	8.75e-02	7.7	12.0	12.7	15.7	-229.7	-32.3	-32.9	-14.8	-2.9	-5.7
3901	ok	0.39	0.2	5.38e-02	7.7	7.7	12.7	12.9	26.7	97.2	-33.6	5.7	6.9	-2.2
3902	ok	0.40	0.3	7.23e-02	7.7	8.5	12.7	13.5	-154.1	-28.4	-69.1	-12.9	-2.0	-6.2
3903	ok	0.39	0.1	0.2	7.7	7.7	12.7	12.7	-50.3	-127.8	-166.6	-4.9	-10.5	-0.8
3904	ok	0.39	0.2	6.42e-02	7.7	7.7	12.7	12.7	-107.4	-25.0	-133.0	-12.4	-1.9	-4.7
3906	ok	0.39	0.2	5.92e-02	7.7	7.7	12.7	12.7	-31.0	-18.1	-131.3	-9.0	-1.3	-6.6
3907	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-70.3	-59.9	-115.7	-11.4	-13.9	-0.9
3908	ok	0.39	0.2	5.98e-02	7.7	7.7	12.7	12.7	-11.8	-13.6	-35.4	-1.1	2.0	10.7
3909	ok	0.44	0.5	0.1	7.7	11.5	12.7	18.0	58.6	299.1	246.4	21.7	13.2	-2.5
3910	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-34.1	-46.3	47.2	-7.00e-03	5.2	11.4
3911	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-82.1	-16.4	-67.9	-14.2	-16.6	-0.8
3912	ok	0.41	0.3	0.2	9.8	7.7	14.8	12.7	-70.2	11.9	24.2	-5.0	-9.3	8.0
3914	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-87.6	5.9	-22.0	-15.5	-18.0	-0.6
3915	ok	0.41	0.4	7.56e-02	7.7	8.4	12.7	15.0	65.6	257.1	183.7	16.2	11.0	-1.5
3923	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	120.9	-368.6	257.3	-7.7	-15.5	4.7
3924	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-86.6	13.9	22.4	-15.8	-18.3	6.3
3925	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-11.8	-54.8	27.5	-8.9	-6.8	1.3
3926	ok	0.40	0.4	6.50e-02	7.7	8.1	12.7	13.2	48.6	169.3	237.7	14.8	5.2	2.5
3927	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-53.0	-5.8	13.1	-9.6	-4.7	1.2
3928	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-87.9	7.7	22.4	-15.6	-17.6	-4.65e-02
3929	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-59.7	-3.8	-4.5	-9.5	-3.7	1.0
3930	ok	0.39	0.2	5.11e-02	7.7	7.7	12.7	12.7	32.0	110.0	44.7	5.4	7.2	2.1
3931	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-66.1	6.0	4.9	-9.7	-3.5	0.8
3932	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-80.7	-19.3	65.7	-14.3	-16.3	0.5
3933	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-66.4	4.6	4.9	-9.8	-3.9	1.1
3934	ok	0.39	0.4	5.16e-02	7.7	7.7	12.7	12.7	79.4	231.7	132.3	10.8	8.6	4.8
3935	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-50.1	-3.3	-13.0	-9.6	-5.3	1.6
3936	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-71.0	-56.3	115.7	-11.3	-13.7	1.0
3937	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-45.5	-105.5	-6.0	-9.0	-8.3	0.4
3938	ok	0.40	0.3	5.86e-02	7.7	8.1	12.7	13.1	31.2	-14.4	56.7	14.2	6.7	1.1
3939	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	120.1	-366.7	-256.0	-7.6	-14.9	-4.9
3940	ok	0.39	0.1	0.2	7.7	7.7	12.7	12.7	-50.7	-122.4	167.0	-4.8	-10.4	0.9
3942	ok	0.45	0.4	9.08e-02	7.7	12.4	12.7	19.2	109.7	-103.1	203.6	10.1	10.0	8.6
3950	ok	0.40	0.2	0.2	8.0	7.7	13.0	12.7	116.1	-251.8	-213.3	-7.9	-13.2	-3.0
3951	ok	0.39	0.3	3.89e-02	7.7	7.7	12.7	12.7	85.3	210.7	106.9	7.2	7.1	6.0
3952	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-71.7	-136.3	-40.2	-9.1	-8.4	-0.7
3953	ok	0.47	0.3	4.66e-02	7.7	12.5	12.7	21.1	138.9	260.8	144.7	10.5	12.1	8.8
3954	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-87.7	17.0	-50.2	-9.9	-5.7	0.6
3955	ok	0.39	0.3	5.05e-02	7.7	7.7	12.7	12.7	-11.0	-108.3	-24.7	7.6	3.7	-4.1
3956	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-107.9	40.3	-15.4	-10.1	-4.2	0.3
3957	ok	0.44	0.3	4.07e-02	7.7	11.2	12.7	18.9	85.4	188.9	86.4	6.7	12.1	6.9
3958	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-106.6	46.9	-15.4	-10.0	-3.7	1.34e-02
3959	ok	0.39	0.3	3.55e-02	7.7	7.7	12.7	12.7	16.7	59.7	-72.4	-7.6	-3.9	-6.8

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Serial Certificato: 2e2285
valido dal 01/09/2023 al 01/09/2026
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3960	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-108.8	43.1	15.6	-10.1	-4.1	-0.2
3961	ok	0.39	0.3	4.41e-02	7.7	7.7	12.7	12.7	35.6	87.3	75.8	5.3	12.6	4.3
3962	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-88.5	20.1	50.5	-9.9	-5.6	-0.5
3964	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-72.0	-131.2	39.7	-9.1	-8.2	0.8
3965	ok	0.39	0.2	1.86e-02	7.7	7.7	12.7	12.7	34.6	67.0	-40.2	4.8	11.2	-1.2
3966	ok	0.40	0.2	0.2	8.0	7.7	13.0	12.7	116.0	-251.4	215.4	-7.8	-13.2	3.0
3967	ok	0.39	0.2	3.84e-02	7.7	7.7	12.7	12.7	41.3	47.8	-98.6	-4.6	-2.7	-8.7
3968	ok	0.39	0.2	4.31e-02	7.7	7.7	12.7	12.7	59.8	110.8	-77.1	5.4	10.4	-4.4
3969	ok	0.39	0.2	3.87e-02	7.7	7.7	12.7	12.7	-36.4	3.6	-25.8	-4.7	-2.7	-7.9
3977	ok	0.41	0.2	0.2	9.4	9.1	14.5	14.2	12.3	-244.2	-190.0	-5.5	-16.2	-4.0
3978	ok	0.45	0.3	3.71e-02	7.7	11.9	12.7	19.2	130.6	233.3	-87.0	8.8	10.5	-7.4
3979	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-21.6	-94.9	-85.5	-5.2	-9.8	2.4
3980	ok	0.39	0.3	5.28e-02	7.7	7.9	12.7	12.9	3.9	259.6	66.8	-3.8	4.8	9.4
3981	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-70.9	141.1	-85.6	-1.7	11.4	-3.4
3982	ok	0.47	0.4	4.37e-02	7.7	14.0	12.7	21.5	189.7	280.4	-162.2	14.1	13.2	-8.8
3983	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-104.2	138.2	-46.0	-2.1	12.5	-1.4
3984	ok	0.40	0.4	6.78e-02	7.7	8.1	12.7	13.2	30.2	191.8	245.2	13.5	6.0	5.0
3985	ok	0.39	0.2	9.58e-02	7.7	7.7	12.7	12.7	-69.8	473.2	-28.5	-8.8	7.0	0.7
3986	ok	0.45	0.4	8.79e-02	7.7	14.2	12.7	19.8	158.7	-97.0	-269.1	13.4	9.9	-8.3
3987	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-94.5	161.2	53.4	-1.8	12.5	2.7
3988	ok	0.41	0.5	7.65e-02	7.7	9.7	12.7	15.3	48.7	258.1	-194.8	8.8	8.5	-10.0
3989	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-98.4	169.7	48.9	-2.0	11.2	3.7
3990	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-48.1	-81.2	-188.6	-5.0	-9.5	0.4
3991	ok	0.40	0.3	0.2	8.1	7.7	13.1	12.7	-45.9	-129.8	64.9	-5.7	-9.9	-3.4
3993	ok	0.41	0.2	0.2	9.1	9.3	14.1	14.3	10.0	-260.3	197.0	-5.4	-15.0	4.9
3994	ok	0.39	0.3	0.2	7.7	7.7	12.7	12.7	-66.2	-16.1	-130.2	-10.9	-12.9	0.6
3995	ok	0.44	0.5	0.1	7.7	12.1	12.7	18.2	45.6	305.4	-259.0	15.9	12.3	-9.3
3996	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-77.4	23.8	-76.4	-13.7	-15.6	8.12e-02
4004	ok	0.68	0.4	0.2	16.1	36.3	21.8	46.5	1182.2	714.9	-195.2	28.8	24.8	-4.1
4005	ok	0.39	0.2	5.08e-02	7.7	7.7	12.7	12.7	9.4	-109.8	4.7	8.3	5.1	-4.2
4006	ok	0.60	0.6	0.1	8.6	23.8	13.6	33.8	778.8	332.1	139.2	27.1	31.5	-3.0
4007	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-84.4	43.9	-25.5	-15.1	-16.9	-0.3
4008	ok	0.53	0.5	6.26e-02	7.7	15.2	12.7	27.3	376.5	232.9	166.3	19.8	31.4	-3.1
4009	ok	0.39	0.2	3.03e-02	7.7	7.7	12.7	12.7	73.7	66.4	72.6	-6.0	-8.2	-1.1
4010	ok	0.47	0.4	4.00e-02	7.7	11.9	12.7	22.0	211.6	179.8	164.9	14.9	30.0	-2.6
4011	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-84.5	50.9	24.7	-15.5	-17.2	-0.6
4012	ok	0.46	0.4	3.08e-02	7.7	11.2	12.7	20.1	90.3	167.2	148.6	10.7	27.2	-2.8
4013	ok	0.39	0.2	4.06e-02	7.7	7.7	12.7	12.7	-41.1	17.6	-41.7	-3.3	1.8	-8.1
4014	ok	0.47	0.4	4.07e-02	7.7	12.3	12.7	21.8	149.3	114.0	14.0	8.0	28.4	0.7
4015	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-85.9	44.4	24.7	-15.3	-16.5	-0.6
4016	ok	0.51	0.3	5.84e-02	7.7	14.3	12.7	25.4	291.1	154.6	-39.6	8.2	24.5	3.2
4018	ok	0.59	0.3	9.14e-02	8.3	15.9	13.3	33.2	-319.8	382.1	78.7	-9.4	18.9	-5.0
4019	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-80.3	25.3	74.9	-14.3	-14.9	-1.0
4020	ok	0.66	0.4	0.2	13.9	23.3	20.8	43.8	-309.6	573.6	276.5	-7.7	19.4	-9.4
4021	ok	0.39	0.2	3.18e-02	7.7	7.7	12.7	12.7	42.9	60.4	71.0	-2.3	-4.7	7.4
4030	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-68.0	-8.5	126.0	-11.5	-11.9	-1.4
4031	ok	0.39	0.2	2.90e-02	7.7	7.7	12.7	12.7	15.6	39.1	26.8	-3.9	-6.0	7.0
4039	ok	0.49	0.3	7.63e-02	8.8	21.9	13.8	23.5	285.5	-69.4	186.0	9.8	9.9	8.1
4040	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-47.6	-58.4	178.9	-5.3	-8.5	-1.2
4041	ok	0.50	0.3	5.68e-02	7.7	16.2	12.7	24.2	314.7	255.5	127.4	10.2	12.1	8.3
4042	ok	0.39	0.2	2.71e-02	7.7	7.7	12.7	12.7	14.5	57.1	40.7	-3.8	-5.3	7.1
4043	ok	0.48	0.3	6.00e-02	8.8	15.0	13.8	22.9	98.9	221.4	155.0	7.1	11.8	8.5
4044	ok	0.40	0.5	7.27e-02	7.7	8.3	12.7	13.4	9.0	-219.6	-92.2	15.3	5.5	-4.6
4045	ok	0.39	0.3	7.91e-02	7.7	7.7	12.7	12.7	22.1	86.9	82.3	7.3	13.2	3.8
4046	ok	0.39	0.2	3.25e-02	7.7	7.7	12.7	12.7	-9.1	61.0	3.5	-4.7	-4.7	7.4
4047	ok	0.39	0.2	3.25e-02	7.7	7.7	12.7	12.7	26.7	64.3	-45.1	7.3	11.7	-1.0
4048	ok	0.39	0.2	3.06e-02	7.7	7.7	12.7	12.7	-17.1	-4.3	32.6	-3.8	-5.7	8.2
4049	ok	0.43	0.3	7.89e-02	7.7	12.2	12.7	17.3	86.8	70.0	-137.8	10.8	7.6	-5.7
4050	ok	0.39	0.2	4.11e-02	7.7	7.7	12.7	12.7	-23.2	3.8	39.8	-3.5	-3.4	9.0
4051	ok	0.46	0.3	4.59e-02	7.7	12.3	12.7	20.8	180.9	282.4	-96.1	10.2	12.9	-7.8
4053	ok	0.48	0.4	5.35e-02	7.7	14.6	12.7	23.1	428.9	283.2	-139.4	13.3	13.1	-8.1
4054	ok	0.41	0.3	7.10e-02	7.7	10.0	12.7	15.0	63.7	-194.4	10.9	12.2	5.2	-4.3
4055	ok	0.53	0.3	7.30e-02	8.2	22.0	13.2	27.0	397.9	-50.9	-245.9	12.6	9.8	-7.5
4056	ok	0.39	0.3	5.21e-02	7.7	7.7	12.7	12.7	9.5	-109.7	-4.8	8.3	5.1	4.2
4065	ok	0.39	0.2	5.52e-02	7.7	7.7	12.7	12.7	30.9	-111.0	31.2	9.0	7.9	-3.6
4066	ok	0.39	0.2	3.92e-02	7.7	7.7	12.7	12.7	-26.4	-2.7	30.6	-4.7	-4.6	8.6
4074	ok	0.42	0.3	5.19e-02	7.7	13.4	12.7	16.6	261.3	116.3	-35.1	8.1	12.1	4.3
4075	ok	0.62	0.6	9.74e-02	10.5	12.9	15.5	35.6	-5.4	448.1	40.3	28.1	21.4	-6.9

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Firmato il 01/08/2024 18:24
Serial Certificato: 2202265
Valido dal 01/09/2023 al 01/09/2026
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4076	ok	0.43	0.3	3.71e-02	7.7	11.7	12.7	16.7	-77.3	242.6	-75.8	-1.6	12.2	-8.1
4077	ok	0.39	0.2	3.98e-02	7.7	7.7	12.7	12.7	-17.7	-52.0	28.5	5.2	8.6	-2.7
4078	ok	0.39	0.3	3.34e-02	7.7	7.7	12.7	12.7	-87.3	232.4	-88.6	-1.9	10.9	-7.1
4079	ok	0.55	0.6	8.00e-02	8.0	11.6	13.6	29.5	325.7	296.5	125.9	25.6	31.2	-4.6
4080	ok	0.39	0.2	3.38e-02	7.7	7.7	12.7	12.7	-86.9	86.4	-61.7	-2.2	10.7	-3.6
4081	ok	0.40	0.4	6.57e-02	7.7	8.4	12.7	13.4	28.7	193.4	-250.3	13.6	6.3	-5.7
4082	ok	0.39	0.2	2.92e-02	7.7	7.7	12.7	12.7	-82.1	46.5	-3.4	3.3	11.6	8.95e-02
4083	ok	0.52	0.5	4.84e-02	7.7	14.6	12.7	26.7	320.2	233.9	152.3	19.6	31.4	-3.4
4084	ok	0.39	0.2	3.21e-02	7.7	7.7	12.7	12.7	-53.1	48.8	5.0	4.1	11.4	0.9
4085	ok	0.39	0.2	3.32e-02	7.7	7.7	12.7	12.7	-36.0	23.4	-66.4	-1.9	6.2	-8.0
4086	ok	0.39	0.2	3.25e-02	7.7	7.7	12.7	12.7	2.9	45.2	30.9	5.4	10.9	1.6
4087	ok	0.48	0.4	2.64e-02	7.7	12.5	12.7	22.2	216.6	181.0	159.5	14.3	29.7	-2.8
4088	ok	0.41	0.2	3.62e-02	7.7	10.2	12.7	15.2	95.5	63.6	95.9	7.2	10.1	1.9
4089	ok	0.40	0.3	4.98e-02	7.7	8.1	12.7	13.1	-34.8	12.9	-22.3	-4.9	-2.2	-7.7
4090	ok	0.43	0.3	5.18e-02	7.7	13.7	12.7	17.1	258.4	111.3	188.7	8.4	8.7	1.4
4091	ok	0.45	0.4	2.30e-02	7.7	11.9	12.7	19.9	111.5	171.7	145.9	10.4	27.1	-2.4
4100	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-19.3	-256.7	-98.1	-3.3	-10.9	2.9
4101	ok	0.39	0.2	3.07e-02	7.7	7.7	12.7	12.7	-9.5	109.9	-70.3	-2.1	5.3	-8.2
4109	ok	0.60	0.6	0.2	7.7	32.4	12.7	28.3	994.0	424.8	178.8	32.7	32.3	3.5
4110	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-66.4	29.5	-140.9	-10.5	-10.1	2.3
4111	ok	0.49	0.6	0.1	7.7	19.2	12.7	23.4	622.6	321.5	-74.0	28.5	33.8	7.0
4112	ok	0.47	0.4	2.48e-02	7.7	12.4	12.7	21.9	156.4	114.7	43.3	7.3	28.2	1.2
4113	ok	0.44	0.6	6.30e-02	7.7	13.5	12.7	18.5	304.3	265.7	-131.1	21.4	31.0	6.9
4114	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-82.4	60.9	-85.0	-13.1	-11.5	1.7
4115	ok	0.42	0.6	4.69e-02	7.7	10.7	12.7	15.8	160.3	239.4	-125.0	16.1	29.4	5.7
4116	ok	0.40	0.3	5.13e-02	7.7	8.2	12.7	13.2	-24.7	6.4	31.9	-4.3	-2.6	9.1
4117	ok	0.41	0.6	4.22e-02	7.7	9.0	12.7	14.7	73.4	235.5	-107.2	11.6	27.0	5.2
4118	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-77.7	84.8	-85.0	-13.3	-12.4	1.5
4119	ok	0.41	0.5	4.47e-02	7.7	9.6	12.7	15.0	13.8	252.9	-75.9	7.6	23.7	5.6
4120	ok	0.50	0.3	3.32e-02	7.7	14.1	12.7	25.1	180.8	141.3	41.5	8.0	25.8	2.3
4121	ok	0.42	0.5	4.64e-02	7.7	10.7	12.7	16.5	-13.2	500.9	40.7	3.9	27.1	3.7
4122	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-86.9	93.2	27.2	-14.1	-13.5	-0.8
4123	ok	0.46	0.5	5.34e-02	7.7	13.4	12.7	21.0	356.6	328.4	77.7	8.8	19.0	-6.0
4124	ok	0.39	0.2	3.26e-02	7.7	7.7	12.7	12.7	68.3	8.9	-105.8	2.9	6.5	-7.0
4125	ok	0.53	0.3	6.94e-02	7.7	18.3	12.7	27.5	611.8	418.9	-84.3	13.4	24.4	-2.0
4126	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-88.3	85.9	27.2	-14.0	-13.0	-1.2
4135	ok	0.52	0.3	7.06e-02	8.3	10.7	13.3	26.9	259.2	226.0	30.5	10.5	21.6	5.3
4136	ok	0.39	0.3	0.1	7.7	7.7	12.7	12.7	-79.6	66.6	84.0	-13.2	-11.8	-1.8
4144	ok	0.47	0.3	8.60e-02	8.2	22.3	13.3	21.5	345.2	-173.0	31.9	11.9	9.5	-0.2
4146	ok	0.42	0.3	5.81e-02	7.7	15.3	12.7	16.0	187.4	-81.7	80.4	10.1	11.6	-1.6
4147	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-63.8	37.2	140.0	-10.5	-10.3	2.4
4148	ok	0.41	0.3	4.33e-02	7.7	9.7	12.7	14.8	10.5	-36.0	67.9	7.5	14.4	-1.6
4149	ok	0.58	0.4	8.53e-02	10.2	14.4	20.0	31.9	65.7	419.9	64.1	12.9	17.2	-2.2
4150	ok	0.39	0.3	3.57e-02	7.7	7.7	12.7	12.7	-80.7	-1.4	30.3	5.5	16.6	-1.3
4151	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-21.7	189.8	194.7	-6.4	-7.9	-2.6
4152	ok	0.39	0.3	3.71e-02	7.7	7.7	12.7	12.7	-95.8	9.3	5.1	5.5	17.3	-0.9
4153	ok	0.39	0.2	4.08e-02	7.7	7.7	12.7	12.7	110.8	-13.1	-96.8	5.1	4.9	-5.9
4154	ok	0.39	0.3	3.64e-02	7.7	7.7	12.7	12.7	86.3	34.2	-21.0	4.6	12.8	-8.8
4155	ok	0.40	0.5	6.44e-02	7.7	7.9	12.7	13.0	47.9	170.4	-241.8	14.8	5.4	-6.0
4156	ok	0.40	0.4	4.23e-02	7.7	8.6	12.7	13.6	217.7	12.1	-32.6	7.5	11.6	-10.0
4157	ok	0.39	0.3	5.70e-02	7.7	7.7	12.7	12.7	31.0	-110.9	-31.2	9.0	7.8	3.6
4158	ok	0.45	0.4	5.74e-02	7.7	16.6	12.7	19.9	419.5	110.6	-163.9	9.9	12.6	-10.7
4159	ok	0.39	0.2	3.81e-02	7.7	7.7	12.7	12.7	-37.1	2.6	-17.2	-5.1	-3.9	-7.6
4160	ok	0.51	0.4	8.29e-02	8.0	23.3	13.0	25.8	399.3	8.1	-218.1	9.6	11.0	-9.6
4161	ok	0.41	0.4	6.79e-02	7.7	9.7	12.7	14.7	40.5	228.0	-260.2	11.4	6.5	-5.3
4171	ok	0.49	0.5	4.15e-02	7.7	11.2	12.7	23.8	39.1	369.0	-96.2	24.1	17.6	12.0
4179	ok	0.49	0.3	0.1	14.8	21.1	16.6	23.0	-239.1	36.5	-183.4	-10.7	-18.5	-8.5
4180	ok	0.39	0.2	3.18e-02	7.7	7.7	12.7	12.7	-30.5	-2.0	-21.4	-4.2	-4.1	-7.8
4181	ok	0.43	0.3	7.16e-02	9.6	14.2	14.7	17.0	-244.1	15.0	-75.0	-9.7	-13.4	-8.8
4182	ok	0.45	0.4	3.18e-02	7.7	9.2	12.7	19.2	65.1	304.2	-54.1	19.1	16.4	8.6
4183	ok	0.39	0.2	4.14e-02	7.7	7.7	12.7	12.7	-116.7	-12.0	-32.4	-6.4	-2.4	-9.5
4184	ok	0.39	0.2	8.99e-02	7.7	7.7	12.7	12.7	-229.3	-140.4	-80.8	1.5	-2.4	12.1
4185	ok	0.39	0.2	4.41e-02	7.7	7.7	12.7	12.7	-90.5	-13.6	-24.6	-5.7	9.71e-02	-6.0
4186	ok	0.42	0.3	2.89e-02	7.7	10.8	12.7	15.8	109.2	251.3	-65.7	14.4	15.9	5.7
4187	ok	0.39	0.2	4.44e-02	7.7	7.7	12.7	12.7	-82.2	-7.7	6.3	-3.6	-0.9	7.8
4188	ok	0.39	0.2	3.14e-02	7.7	7.7	12.7	12.7	-10.4	-5.7	37.7	-3.8	-5.9	7.8
4189	ok	0.39	0.2	4.45e-02	7.7	7.7	12.7	12.7	-87.6	-8.4	7.0	-3.8	-0.8	8.6
4190	ok	0.40	0.3	2.55e-02	7.7	8.1	12.7	13.1	123.1	221.2	-52.6	10.4	14.3	3.9

Firmato digitalmente da:
Ing. Massimo
Firmato il
14/03/2024 18:24
Serial Certificato:
2e2555
valido dal 01/09/2023 al
01/09/2026
Qualified Electronic
Signature

4191	ok	0.39	0.2	4.19e-02	7.7	7.7	12.7	12.7	-118.4	-12.1	33.2	-6.5	-2.5	9.8
4193	ok	0.45	0.3	7.29e-02	9.6	14.1	14.6	18.4	-247.8	15.6	76.9	-9.8	-13.6	9.0
4194	ok	0.39	0.3	2.58e-02	7.7	7.7	12.7	12.7	105.5	215.6	-39.0	6.8	12.4	2.9
4195	ok	0.51	0.3	0.1	14.6	20.9	16.7	25.5	-242.8	40.3	187.5	-10.9	-18.8	8.7
4196	ok	0.39	0.2	3.16e-02	7.7	7.7	12.7	12.7	-24.4	-5.7	22.5	-4.5	-5.7	8.0
4198	ok	0.40	0.3	2.80e-02	7.7	8.5	12.7	14.0	104.7	410.3	11.5	2.1	15.2	1.2
4199	ok	0.41	0.3	0.1	7.7	9.3	12.7	14.3	72.8	-227.5	31.9	11.4	9.4	-2.6
4200	ok	0.47	0.5	8.67e-02	8.0	16.9	13.1	22.0	253.9	45.7	-130.6	-10.2	-2.2	-20.5
4201	ok	0.42	0.3	2.99e-02	7.7	8.6	12.7	15.8	7.2	136.2	39.0	4.7	12.3	-0.1
4203	ok	0.41	0.3	0.2	9.9	7.7	14.9	12.7	5.4	-248.1	-119.9	-4.5	-11.0	5.0
4205	ok	0.39	0.1	5.89e-02	7.7	7.7	12.7	12.7	-31.8	21.1	40.3	6.1	3.3	1.3
4206	ok	0.39	0.3	2.31e-02	7.7	7.7	12.7	12.7	-15.1	-20.0	1.9	-1.0	-3.5	-19.0
4207	ok	0.39	0.2	0.2	7.7	7.7	12.7	12.7	-33.3	-142.8	-66.1	-6.2	-8.9	2.1
4208	ok	0.45	0.3	3.71e-02	7.7	10.2	12.7	19.1	43.5	309.2	123.1	7.7	10.9	-2.5
4209	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-52.9	-146.9	-38.0	-7.9	-9.6	1.4
4210	ok	0.41	0.3	6.08e-02	7.7	9.9	12.7	15.0	73.2	-105.1	70.1	10.1	12.0	-2.7
4211	ok	0.48	0.4	0.1	11.1	17.5	16.2	22.5	0.4	7.3	33.4	-0.8	-0.7	23.0
4212	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-51.6	-115.8	-41.5	-7.9	-10.2	1.1
4213	ok	0.49	0.3	4.23e-02	7.7	14.5	12.7	23.6	25.0	372.0	194.3	14.6	15.0	-3.2
4214	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-63.9	-111.9	42.2	-8.5	-10.4	-1.3
4215	ok	0.39	0.2	3.88e-02	7.7	7.7	12.7	12.7	-31.9	-1.4	21.2	-5.4	-5.2	8.1
4217	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-60.1	-130.2	36.8	-8.1	-10.0	-2.3
4218	ok	0.40	0.2	4.18e-02	7.7	8.7	12.7	13.7	4.7	-37.1	67.9	7.0	14.3	-2.3
4219	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-63.1	-171.4	34.2	-8.0	-9.0	-2.5
4221	ok	0.39	0.4	2.33e-02	7.7	7.7	12.7	12.7	-15.0	-20.3	-2.0	1.0	-3.6	20.3
4222	ok	0.39	0.2	0.1	7.7	7.7	12.7	12.7	-50.6	81.9	156.4	-9.5	-6.0	-2.3
4233	ok	0.39	0.4	0.1	7.7	7.7	12.7	12.7	-384.6	76.3	-63.8	16.7	-14.9	-6.5
4234	ok	0.39	0.3	3.42e-02	7.7	7.7	12.7	12.7	-68.2	1.1	30.3	4.9	16.4	-1.8
4236	ok	0.41	0.2	0.2	9.6	7.7	14.6	12.7	-38.2	179.4	265.3	-6.7	-8.7	-4.3
4237	ok	0.40	0.6	4.19e-02	7.7	7.7	13.0	12.7	16.0	295.7	-57.3	-5.0	-35.1	-6.4
4238	ok	0.39	0.3	5.08e-02	7.7	7.9	12.7	13.0	-29.7	10.8	31.3	-5.0	-3.2	8.3
4239	ok	0.39	0.4	0.1	7.7	7.7	12.7	12.7	-390.5	55.7	66.9	17.6	-13.2	4.2
4240	ok	0.39	0.3	3.39e-02	7.7	7.7	12.7	12.7	-88.7	6.9	-0.4	4.6	16.9	-1.0
4242	ok	0.39	0.2	5.78e-02	7.7	7.7	12.7	12.7	-35.4	27.6	14.1	6.1	5.5	2.8
4243	ok	0.39	0.6	4.11e-02	7.7	7.7	12.7	12.7	15.5	265.0	52.7	-6.6	-34.2	6.2
4244	ok	0.39	0.3	3.54e-02	7.7	7.7	12.7	12.7	84.5	18.7	-143.4	4.6	12.9	-7.1
4245	ok	0.39	0.3	9.75e-02	7.7	7.7	12.7	12.9	-129.6	412.1	-99.4	10.4	11.8	3.2
4246	ok	0.40	0.5	7.26e-02	7.7	8.4	12.7	13.4	58.3	154.8	-236.2	14.8	4.5	-6.5
4248	ok	0.39	0.4	4.06e-02	7.7	7.7	12.7	12.7	175.3	-8.6	-146.9	7.1	10.9	-6.7
4249	ok	0.41	0.3	2.88e-02	7.7	9.3	12.7	14.3	3.0	434.7	-28.7	1.2	14.9	3.0
4251	ok	0.40	0.3	9.84e-02	7.7	7.7	12.7	13.1	-209.6	211.0	-1.0	16.1	13.1	6.0
4252	ok	0.40	0.4	5.90e-02	7.7	8.4	12.7	13.4	73.5	-104.9	-70.2	10.1	12.0	2.5
4255	ok	0.41	0.3	2.72e-02	7.7	8.1	12.7	14.7	-2.6	270.7	-6.0	4.9	13.7	3.3
4256	ok	0.42	0.3	0.1	7.7	10.4	12.7	15.5	52.6	-196.8	-52.7	9.8	9.8	3.4
4257	ok	0.49	0.4	0.1	7.7	10.7	12.7	23.6	-310.7	372.3	92.0	22.3	24.2	-6.8
4261	ok	0.46	0.3	4.17e-02	7.7	8.0	12.7	20.2	-7.3	324.0	9.0	7.2	19.0	-7.4
4263	ok	0.51	0.4	0.2	7.7	14.7	12.7	26.0	49.0	751.0	54.7	12.2	25.5	-4.4
4264	ok	0.46	0.5	9.59e-02	7.7	11.8	12.7	20.8	44.6	343.4	234.1	23.6	16.4	-2.8
4266	ok	0.41	0.4	8.07e-02	7.7	10.2	12.7	15.2	-38.9	-57.4	-171.6	15.7	3.1	-8.7
4267	ok	0.46	0.4	4.03e-02	7.7	7.9	12.7	20.3	4.5	385.3	-2.5	3.3	27.2	-7.3
4268	ok	0.43	0.5	6.91e-02	7.7	8.6	12.7	17.5	65.3	278.6	170.2	18.3	14.9	-2.3
4269	ok	0.39	0.4	0.1	7.7	7.7	12.7	12.7	-340.9	-87.5	-27.5	22.1	-5.8	-8.0
4272	ok	0.41	0.4	4.76e-02	7.7	7.8	12.7	15.0	89.7	240.9	129.0	12.9	13.4	4.1
4273	ok	0.39	0.5	1.94e-02	7.7	7.7	12.7	12.7	-4.8	59.4	-10.5	2.2	-27.7	-9.1
4349	ok	0.43	0.5	7.50e-02	7.7	10.7	12.7	17.6	-10.5	114.0	22.2	11.4	14.5	-12.9
4350	ok	0.39	0.5	3.45e-02	7.7	7.7	12.7	12.7	17.1	259.5	3.3	-3.3	-18.9	-12.3
4351	ok	0.43	0.4	4.59e-02	7.7	11.6	12.7	17.0	-19.8	114.0	24.8	7.6	14.0	-12.9
4352	ok	0.40	0.6	2.75e-02	8.2	7.7	13.4	12.7	-4.7	292.3	-16.3	-2.5	-34.6	-10.2
4353	ok	0.43	0.4	4.00e-02	7.7	11.6	12.7	16.9	-18.8	154.6	-4.8	13.3	15.0	-8.4
4354	ok	0.46	0.3	5.01e-02	7.7	9.3	12.7	20.5	-4.7	290.8	21.2	9.8	18.9	-7.9
4355	ok	0.43	0.4	4.47e-02	7.7	9.7	12.7	16.8	-9.1	134.3	-14.8	15.1	14.9	-7.8
4356	ok	0.46	0.4	3.95e-02	7.7	8.4	12.7	21.0	-6.0	327.1	5.0	3.3	22.7	-6.9
4357	ok	0.42	0.4	4.85e-02	7.7	9.7	12.7	16.0	6.3	92.9	-15.1	16.8	14.8	-6.8
4358	ok	0.45	0.3	4.81e-02	7.7	11.0	12.7	19.7	2.3	292.1	66.1	8.5	18.9	-8.9
4359	ok	0.42	0.5	7.79e-02	7.7	10.5	12.7	15.6	-12.8	120.4	-6.0	-7.1	-24.8	11.2
4360	ok	0.44	0.3	4.84e-02	7.7	10.6	12.7	18.0	10.8	260.7	35.2	8.0	15.8	-10.9
4361	ok	0.42	0.3	4.84e-02	7.7	10.8	12.7	16.3	22.4	228.0	42.8	7.7	12.6	-12.5
4362	ok	0.42	0.4	4.67e-02	7.7	9.6	12.7	15.5	32.7	197.9	31.7	8.5	8.8	-13.7

Firmato digitalmente da: Fogli Massimo
Firmato il 12/03/2024 18:24
Serial#: 2a02e55
Valido dal 07/09/2023 al
Firmato con Qualified Electronic Signature

4363	ok	0.40	0.4	4.36e-02	7.7	8.0	12.7	13.1	-15.9	24.3	5.8	4.5	-17.3	-13.4
4364	ok	0.39	0.4	3.82e-02	7.7	7.7	12.7	12.7	-24.2	-122.6	-3.2	-2.7	-24.3	5.1
4365	ok	0.42	0.5	0.1	7.7	11.0	12.7	16.0	-18.0	52.3	71.6	15.3	14.2	-12.5
4366	ok	0.42	0.3	2.12e-02	7.7	8.3	12.7	15.8	0.7	299.9	-12.8	2.0	15.1	5.6
4367	ok	0.42	0.3	2.82e-02	7.7	8.0	12.7	16.4	0.5	290.4	-8.0	1.5	14.7	7.1
4368	ok	0.43	0.3	3.51e-02	7.7	7.9	12.7	17.5	1.5	273.0	2.0	1.4	14.7	8.0
4369	ok	0.44	0.3	3.90e-02	7.7	7.8	12.7	18.8	0.8	272.8	-7.2	1.3	14.7	8.3
4370	ok	0.46	0.3	3.90e-02	7.7	7.9	12.7	20.1	0.1	632.4	7.4	1.0	18.7	-5.8
4371	ok	0.46	0.4	3.89e-02	7.7	11.5	12.7	20.1	-4.5	639.3	4.6	1.4	22.2	-5.3
4372	ok	0.46	0.4	3.85e-02	7.7	11.9	12.7	20.1	-1.5	385.3	-2.4	1.7	27.1	-8.8
4373	ok	0.39	0.3	3.54e-02	7.7	7.7	12.7	12.7	15.4	-87.9	17.2	-3.0	-11.9	9.6
4374	ok	0.39	0.3	3.49e-02	7.7	7.7	12.7	12.7	10.4	-96.1	11.6	-2.3	-8.7	11.7
4375	ok	0.39	0.3	4.00e-02	7.7	7.7	12.7	12.7	-12.6	-99.2	6.9	-2.2	-7.1	12.9
4376	ok	0.39	0.3	4.25e-02	7.7	7.7	12.7	12.7	-32.6	-102.6	59.1	-2.3	-6.3	13.9
4377	ok	0.39	0.3	6.02e-02	7.7	7.7	12.7	12.7	-41.2	-106.3	52.1	-2.4	-5.9	14.7
4378	ok	0.39	0.5	2.83e-02	7.7	7.7	12.7	12.7	8.2	6.6	28.4	-1.8	-5.0	24.5
4379	ok	0.39	0.3	6.07e-02	7.7	7.7	12.7	12.7	-0.9	-164.6	83.4	0.3	-4.2	14.8
4380	ok	0.39	0.4	3.69e-02	7.7	7.7	12.7	12.7	-0.3	62.9	45.3	-1.9	-5.3	22.3
4381	ok	0.46	0.4	4.70e-02	7.7	8.0	12.7	20.1	-9.1	286.8	3.5	2.9	22.2	-4.4
4382	ok	0.39	0.4	3.53e-02	7.7	7.7	12.7	12.7	-35.1	0.2	13.1	2.7	12.8	-13.8
4383	ok	0.45	0.4	5.14e-02	7.7	8.6	12.7	19.1	2.28e-02	288.1	18.5	2.4	22.2	-6.1
4384	ok	0.39	0.4	2.85e-02	7.7	7.7	12.7	12.7	-51.1	0.2	5.6	3.1	14.4	-12.9
4386	ok	0.39	0.5	2.50e-02	7.7	7.7	12.7	12.7	31.6	158.8	34.5	-2.7	-17.8	15.0
4387	ok	0.43	0.3	5.27e-02	7.7	8.9	12.7	17.4	0.8	259.3	17.8	2.1	18.7	-8.0
4388	ok	0.39	0.5	3.54e-02	7.7	7.7	12.7	12.7	-12.8	120.4	-6.0	-7.1	-24.8	11.2
4389	ok	0.43	0.3	5.27e-02	7.7	9.3	12.7	17.5	1.4	229.0	18.4	2.1	16.0	-9.8
4390	ok	0.51	0.4	5.71e-02	7.7	11.4	12.7	25.6	-106.4	780.1	-19.9	9.8	25.2	-2.0
4391	ok	0.48	0.3	6.45e-02	7.7	11.3	12.7	23.1	-47.2	293.6	-142.3	12.6	15.0	2.5
4392	ok	0.47	0.3	5.17e-02	7.7	11.5	12.7	21.9	-10.3	301.0	-142.3	12.8	15.0	2.7
4393	ok	0.46	0.3	5.34e-02	7.7	10.5	12.7	20.2	44.1	267.0	-152.9	15.3	13.1	-1.5
4394	ok	0.39	0.5	2.40e-02	7.7	7.7	12.7	12.7	46.9	14.6	36.8	-0.5	-4.7	25.3
4395	ok	0.44	0.4	6.01e-02	7.7	10.7	12.7	18.3	59.5	210.6	-87.9	17.6	12.0	-1.7
4396	ok	0.42	0.5	6.81e-02	7.7	9.7	12.7	16.5	70.2	148.1	-90.4	20.7	10.7	-2.0
4397	ok	0.41	0.6	7.43e-02	7.7	9.8	12.7	14.6	97.9	107.4	-65.8	23.5	8.9	-1.4
4398	ok	0.42	0.3	5.03e-02	7.7	9.4	12.7	15.7	0.9	208.2	9.3	2.2	12.6	-11.4
4399	ok	0.40	0.3	4.18e-02	7.7	8.4	12.7	14.2	10.1	-105.9	-14.9	-1.2	-13.9	-7.9
4400	ok	0.39	0.4	1.88e-02	7.7	7.7	12.7	12.7	13.1	3.1	1.8	-2.3	-29.2	-5.6
4401	ok	0.39	0.3	2.49e-02	7.7	7.7	12.7	12.7	4.7	-49.5	-3.3	-2.1	-16.2	-8.1
4402	ok	0.39	0.3	3.27e-02	7.7	7.7	12.7	12.7	6.3	-66.3	-4.3	-1.3	-10.6	-9.8
4403	ok	0.39	0.3	4.27e-02	7.7	7.7	12.7	12.7	-1.2	-87.4	-4.2	-0.9	-8.2	-11.1
4404	ok	0.39	0.2	6.03e-02	7.7	7.7	12.7	12.7	-6.6	-118.7	-25.0	-0.9	-7.1	-12.0
4405	ok	0.39	0.2	7.33e-02	7.7	7.7	12.7	12.7	-22.3	-234.5	-2.6	0.3	-5.3	-12.9
4406	ok	0.39	0.3	6.58e-02	7.7	7.7	12.7	12.7	103.5	-209.4	-12.9	-1.5	-5.6	-13.2
4407	ok	0.39	0.5	2.97e-02	7.7	7.7	12.7	12.7	5.0	59.5	7.2	-1.6	-28.4	-12.7
4408	ok	0.39	0.5	1.85e-02	7.7	7.7	12.7	12.7	4.3	-50.0	-2.1	-2.8	-31.8	4.9
4409	ok	0.39	0.3	2.48e-02	7.7	7.7	12.7	12.7	7.5	-56.8	4.5	-1.9	-17.3	8.3
4410	ok	0.42	0.5	5.91e-02	7.7	10.8	12.7	15.8	127.8	68.5	-12.3	21.2	8.5	-4.2
4411	ok	0.39	0.4	5.83e-02	7.7	7.7	12.7	12.7	60.8	59.8	-10.5	15.9	7.5	-3.8
4412	ok	0.39	0.3	5.55e-02	7.7	7.7	12.7	12.7	41.4	74.3	26.4	12.8	7.0	-2.8
4413	ok	0.39	0.2	5.37e-02	7.7	7.7	12.7	12.7	18.7	93.0	56.2	11.7	6.8	-1.9
4414	ok	0.39	0.3	5.13e-02	7.7	7.7	12.7	12.7	38.4	228.7	129.7	9.8	6.8	-5.9
4415	ok	0.39	0.3	4.83e-02	7.7	7.7	12.7	12.7	32.7	274.9	148.7	10.7	8.9	-5.4
4416	ok	0.41	0.3	4.50e-02	7.7	10.1	12.7	15.1	80.9	220.9	83.5	16.3	11.7	2.7
4417	ok	0.39	0.3	3.24e-02	7.7	7.7	12.7	12.7	7.2	-70.4	4.7	-1.2	-10.5	10.1
4418	ok	0.39	0.3	4.22e-02	7.7	7.7	12.7	12.7	-1.1	-87.1	4.3	-0.9	-7.9	11.5
4419	ok	0.39	0.3	5.93e-02	7.7	7.7	12.7	12.7	-6.6	-119.0	24.5	-0.8	-6.8	12.3
4420	ok	0.39	0.4	4.01e-02	7.7	7.7	12.7	12.7	8.2	-31.8	-12.0	-0.2	-5.8	21.4
4421	ok	0.39	0.2	7.20e-02	7.7	7.7	12.7	12.7	-22.8	-235.8	2.4	0.3	-5.2	13.2
4422	ok	0.39	0.4	4.27e-02	7.7	7.7	12.7	12.7	2.0	40.0	17.7	-0.8	-6.6	19.7
4423	ok	0.39	0.3	6.46e-02	7.7	7.7	12.7	12.7	104.0	-210.5	12.9	-1.5	-5.5	13.6
4424	ok	0.39	0.4	3.88e-02	7.7	7.7	12.7	12.7	6.6	89.9	13.9	-1.0	-8.3	18.4
4426	ok	0.39	0.4	2.74e-02	7.7	7.7	12.7	12.7	13.2	155.4	10.9	-1.8	-12.6	16.4
4427	ok	0.39	0.4	6.93e-02	7.7	7.7	12.7	12.7	-2.2	-6.9	-3.6	-1.4	-3.8	23.8
4428	ok	0.39	0.5	3.26e-02	7.7	7.7	12.7	12.7	15.4	226.3	-7.0	-3.4	-19.8	13.9
4429	ok	0.39	0.5	5.02e-02	7.7	7.7	12.7	12.7	-12.8	120.4	-6.0	-7.1	-24.8	11.2
4430	ok	0.39	0.6	2.47e-02	7.7	7.7	12.7	12.7	-4.7	261.6	9.5	-2.7	-33.5	9.3
4431	ok	0.41	0.3	3.02e-02	7.7	8.2	12.7	14.4	-47.5	257.2	10.7	10.6	14.6	5.6
4432	ok	0.47	0.5	4.40e-02	7.7	11.9	12.7	21.4	37.8	404.3	10.0	7.2	24.6	-7.6

Firmato digitalmente da:
Pizzoli Massimo
Firmato il
20/09/2024 18:24
Serial Certificato:
2902565
Valido dal 01/09/2023 al 01/09/2026
InfoCert Qualified Electronic Signature CA 3

4435	ok	0.39	0.4	3.69e-02	7.7	7.7	12.7	12.7	-52.6	25.0	0.9	6.7	-18.8	-9.2
4436	ok	0.39	0.4	3.40e-02	7.7	7.7	12.7	12.7	1.7	-34.8	2.9	-0.7	-5.9	21.9
4437	ok	0.41	0.3	9.73e-02	9.5	9.0	14.5	14.0	27.4	-52.6	-158.7	0.5	-2.8	14.4
4438	ok	0.39	0.4	6.53e-02	7.7	7.7	12.7	12.7	-11.3	-7.1	2.7	-3.5	-3.9	-22.1
4439	ok	0.47	0.4	4.83e-02	7.7	10.6	12.7	21.8	-20.5	686.4	5.6	6.0	25.7	-3.4
4440	ok	0.43	0.5	0.1	7.7	11.6	12.7	16.6	-26.2	62.3	-75.3	19.0	14.9	10.0
4441	ok	0.44	0.5	7.47e-02	7.7	12.3	12.7	17.9	-15.4	123.8	-25.8	14.9	14.8	10.5
4442	ok	0.43	0.5	4.50e-02	7.7	12.0	12.7	17.6	-23.1	171.6	-30.9	16.3	10.6	-9.9
4443	ok	0.43	0.4	3.64e-02	7.7	11.9	12.7	17.5	-5.6	173.1	-19.3	17.4	10.9	-9.7
4444	ok	0.43	0.4	4.10e-02	7.7	11.8	12.7	16.9	17.9	162.0	-9.6	18.5	9.6	-9.9
4445	ok	0.42	0.5	4.50e-02	7.7	11.3	12.7	16.3	37.6	143.9	-11.8	20.5	8.0	-9.7
4446	ok	0.42	0.5	7.79e-02	7.7	11.0	12.7	16.0	81.4	153.0	4.0	17.8	-14.5	-10.8
4447	ok	0.47	0.3	5.23e-02	7.7	8.6	12.7	21.1	-27.5	648.2	-5.8	5.0	20.4	-1.7
4448	ok	0.45	0.3	5.09e-02	7.7	8.6	12.7	19.9	-18.1	538.0	-66.3	4.7	16.6	-2.0
4449	ok	0.44	0.3	5.12e-02	7.7	8.5	12.7	18.2	-13.5	483.2	-75.6	4.8	15.0	-2.0
4450	ok	0.43	0.3	5.11e-02	7.7	8.5	12.7	16.6	26.3	184.8	-41.1	7.4	11.8	-2.8
4451	ok	0.41	0.3	4.93e-02	7.7	8.4	12.7	14.9	34.3	159.8	-20.8	8.8	10.0	-3.6
4452	ok	0.40	0.3	4.59e-02	7.7	8.1	12.7	13.1	-8.6	-57.4	14.7	-4.2	-18.0	3.1
4453	ok	0.39	0.5	5.14e-02	7.7	7.7	12.7	12.7	-12.2	143.1	2.8	-7.0	-23.3	-9.6
4454	ok	0.40	0.3	3.11e-02	7.7	8.1	12.7	14.0	-30.3	423.3	-70.0	5.9	11.9	3.4
4455	ok	0.47	0.4	4.18e-02	7.7	8.4	12.7	21.2	-49.3	350.3	14.2	15.6	22.9	-7.3
4458	ok	0.39	0.4	4.36e-02	7.7	7.7	12.7	12.7	-2.9	182.0	-8.6	-4.0	-23.9	-0.5
4459	ok	0.39	0.2	4.74e-02	7.7	7.7	12.7	12.7	41.3	62.3	4.0	6.5	7.6	-4.4
4460	ok	0.39	0.2	4.78e-02	7.7	7.7	12.7	12.7	16.9	58.1	2.1	5.8	7.5	-3.5
4461	ok	0.39	0.2	4.78e-02	7.7	7.7	12.7	12.7	5.5	78.0	31.5	5.2	7.2	-2.1
4462	ok	0.39	0.2	4.64e-02	7.7	7.7	12.7	12.7	17.5	191.9	68.8	4.0	7.6	-4.3
4463	ok	0.39	0.2	4.30e-02	7.7	7.7	12.7	12.7	30.0	202.2	37.6	6.0	10.2	2.4
4464	ok	0.39	0.3	3.78e-02	7.7	7.7	12.7	12.7	5.6	241.9	40.6	7.2	12.3	4.3
4467	ok	0.39	0.3	3.84e-02	7.7	7.7	12.7	12.7	-27.3	-102.5	-0.8	-7.1	-20.1	-4.6
4468	ok	0.42	0.3	9.93e-02	9.7	9.3	14.7	14.3	27.4	-52.3	157.8	0.4	-2.8	-14.1
4473	ok	0.39	0.5	3.44e-02	7.7	7.7	12.7	12.7	3.5	247.7	8.4	-3.5	-29.4	0.3
4474	ok	0.39	0.2	4.13e-02	7.7	7.7	12.7	12.7	-9.1	17.2	24.5	1.4	12.3	-3.4
4475	ok	0.41	0.5	5.60e-02	7.7	9.9	12.7	15.0	126.2	79.3	15.1	20.5	6.9	1.2
4476	ok	0.39	0.3	5.51e-02	7.7	7.7	12.7	12.7	64.0	92.2	-22.4	14.7	6.6	1.5
4477	ok	0.39	0.2	5.35e-02	7.7	7.7	12.7	12.7	40.4	88.3	-22.5	11.0	6.0	1.7
4478	ok	0.39	0.2	5.24e-02	7.7	7.7	12.7	12.7	27.9	-33.7	-30.5	10.6	5.4	1.9
4479	ok	0.39	0.2	5.03e-02	7.7	7.7	12.7	12.7	43.0	240.5	-121.9	9.3	6.5	5.8
4480	ok	0.39	0.3	4.72e-02	7.7	7.7	12.7	12.7	38.0	284.4	-133.6	10.5	8.6	5.4
4481	ok	0.41	0.3	4.42e-02	7.7	9.8	12.7	14.8	34.8	374.4	-168.2	11.8	10.5	4.9
4482	ok	0.41	0.4	4.19e-02	7.7	9.7	12.7	14.7	57.0	247.5	-45.6	17.7	11.7	2.0
4483	ok	0.42	0.3	4.08e-02	7.7	9.3	12.7	16.0	40.7	280.9	-55.8	17.3	13.4	1.8
4484	ok	0.44	0.3	3.69e-02	7.7	9.6	12.7	18.0	30.4	310.8	-57.6	16.9	15.0	1.5
4485	ok	0.46	0.3	3.50e-02	7.7	11.7	12.7	20.3	14.8	353.1	-57.9	17.2	16.7	2.3
4486	ok	0.48	0.3	3.63e-02	7.7	12.3	12.7	22.2	1.6	377.7	-49.8	18.5	18.4	2.6
4487	ok	0.46	0.4	4.70e-02	7.7	10.8	12.7	20.0	-3.3	382.4	3.8	2.4	27.0	-3.6
4488	ok	0.45	0.4	5.29e-02	7.7	11.0	12.7	19.4	-3.4	624.8	1.9	1.3	21.4	-1.2
4489	ok	0.45	0.3	5.69e-02	7.7	7.9	12.7	19.4	-1.4	603.7	-1.16e-02	1.0	17.9	-0.8
4490	ok	0.43	0.3	5.70e-02	7.7	7.8	12.7	17.3	2.7	525.8	-19.8	0.5	16.4	-1.6
4491	ok	0.42	0.3	5.44e-02	7.7	7.8	12.7	15.7	0.6	478.6	-18.9	1.1	14.8	-1.7
4492	ok	0.39	0.5	3.86e-02	7.7	7.7	12.7	12.7	1.9	223.0	-7.8	-3.6	-29.0	1.1
4493	ok	0.39	0.2	4.46e-02	7.7	7.7	12.7	12.7	-8.6	26.6	-23.5	1.5	13.1	3.2
4494	ok	0.39	0.1	4.61e-02	7.7	7.7	12.7	12.7	1.9	39.0	-5.3	1.2	7.0	-3.4
4495	ok	0.39	0.1	4.62e-02	7.7	7.7	12.7	12.7	3.7	61.3	5.5	0.9	8.3	1.5
4496	ok	0.39	0.2	4.53e-02	7.7	7.7	12.7	12.7	8.8	174.7	23.7	0.9	7.4	-4.0
4497	ok	0.39	0.2	4.23e-02	7.7	7.7	12.7	12.7	13.1	246.2	12.5	1.5	11.1	1.9
4498	ok	0.39	0.4	1.69e-02	7.7	7.7	12.7	12.7	50.2	14.7	-40.2	-2.0	-5.2	-23.3
4499	ok	0.39	0.4	2.70e-02	7.7	7.7	12.7	12.7	15.9	6.6	-32.9	-3.2	-5.5	-22.5
4500	ok	0.39	0.4	3.72e-02	7.7	7.7	12.7	12.7	-12.9	40.2	-54.5	-2.5	-5.6	-20.8
4501	ok	0.39	0.4	3.58e-02	7.7	7.7	12.7	12.7	-36.1	-1.0	-8.7	3.1	12.8	11.7
4502	ok	0.39	0.4	2.84e-02	7.7	7.7	12.7	12.7	-50.7	-4.2	1.7	3.3	14.0	10.8
4503	ok	0.39	0.4	2.47e-02	7.7	7.7	12.7	12.7	29.6	185.4	-44.5	-2.8	-16.8	-13.1
4504	ok	0.39	0.5	3.75e-02	7.7	7.7	12.7	12.7	-12.2	143.1	2.8	-7.0	-23.3	-9.6
4505	ok	0.40	0.3	3.70e-02	7.7	7.7	12.7	13.1	14.8	327.7	4.2	1.7	12.3	4.9
4506	ok	0.40	0.3	4.48e-02	7.7	7.8	12.7	14.2	6.4	-27.0	7.7	-1.5	-13.2	5.7
4507	ok	0.39	0.4	3.11e-02	7.7	7.7	12.7	12.7	9.5	-3.5	-13.4	-2.3	-27.6	4.2
4508	ok	0.50	0.4	3.70e-02	7.7	11.9	12.7	24.4	-15.7	395.9	-90.0	20.8	20.8	-3.5
4509	ok	0.50	0.4	3.72e-02	7.7	11.5	12.7	24.8	0.3	401.5	-65.3	23.4	24.5	-4.0
4510	ok	0.50	0.4	5.71e-02	7.7	13.3	12.7	24.6	18.8	377.6	104.9	25.5	24.8	-8.1

Firmato digitalmente da:
Fagioli Massimo
Firmato il
14/03/2024 18:24
Serial Certificato:
2302255
Valido dal 07/09/2023 al 07/09/2026
Actalis Qualified Electronic

4511	ok	0.48	0.4	6.30e-02	7.7	13.0	12.7	22.9	-9.4	359.4	153.3	20.1	20.7	-8.7
4512	ok	0.39	0.1	4.47e-02	7.7	7.7	12.7	12.7	-1.1	13.3	5.7	0.3	6.7	-3.9
4513	ok	0.47	0.4	4.74e-02	7.7	12.7	12.7	21.4	9.2	326.7	153.5	17.8	17.5	-10.0
4514	ok	0.45	0.4	5.14e-02	7.7	11.5	12.7	19.5	26.6	300.0	77.3	16.4	14.8	-11.6
4515	ok	0.44	0.4	5.74e-02	7.7	11.5	12.7	18.0	48.9	244.6	84.4	16.7	12.2	-12.6
4516	ok	0.42	0.5	6.56e-02	7.7	11.4	12.7	16.4	79.9	1.8	37.0	21.9	4.8	-15.3
4517	ok	0.40	0.6	7.40e-02	7.7	9.1	12.7	14.1	86.5	-141.4	-30.5	15.6	-11.6	-6.6
4518	ok	0.41	0.5	4.30e-02	7.7	9.3	12.7	14.7	60.3	229.6	34.7	19.7	14.7	7.1
4519	ok	0.42	0.5	4.11e-02	7.7	8.8	12.7	16.5	47.8	265.8	52.5	18.8	14.8	8.6
4520	ok	0.44	0.5	3.72e-02	7.7	9.9	12.7	18.4	42.4	302.0	57.5	17.1	15.0	9.8
4521	ok	0.46	0.4	3.45e-02	7.7	10.6	12.7	20.5	34.6	333.3	52.0	15.4	15.0	10.7
4522	ok	0.48	0.4	3.53e-02	7.7	11.0	12.7	22.5	29.3	381.1	108.5	14.3	15.3	10.8
4523	ok	0.49	0.4	3.69e-02	7.7	10.7	12.7	23.7	12.6	377.7	48.2	13.8	15.2	10.7
4524	ok	0.51	0.4	3.80e-02	7.7	11.5	12.7	25.9	-102.7	784.6	81.8	10.9	25.7	-5.9
4525	ok	0.39	0.5	5.75e-02	7.7	7.7	12.7	12.7	61.3	-206.1	10.3	13.2	-6.3	-9.3
4526	ok	0.39	0.4	4.96e-02	7.7	7.7	12.7	12.7	51.8	-145.0	12.0	11.8	-4.4	-9.2
4527	ok	0.39	0.3	4.11e-02	7.7	7.7	12.7	12.7	18.1	-90.4	47.1	8.6	-3.9	-11.4
4528	ok	0.39	0.3	3.70e-02	7.7	7.7	12.7	12.7	-15.9	-3.2	47.0	-4.1	-4.6	-13.3
4529	ok	0.39	0.4	2.92e-02	7.7	7.7	12.7	12.7	-12.3	126.5	58.7	-5.9	-4.7	-14.8
4530	ok	0.42	0.4	8.46e-02	9.7	9.3	14.7	14.3	-47.3	121.3	85.2	-9.0	-5.3	-15.4
4531	ok	0.41	0.6	7.13e-02	7.7	10.3	12.7	15.3	123.9	0.5	-17.8	23.6	-5.6	-11.5
4532	ok	0.40	0.6	7.30e-02	7.7	8.7	12.7	13.7	121.1	6.9	86.6	24.6	-5.9	-4.3
4533	ok	0.39	0.5	5.69e-02	7.7	7.7	12.7	12.7	69.9	8.3	68.1	19.7	3.7	-4.4
4534	ok	0.39	0.4	4.88e-02	7.7	7.7	12.7	12.7	53.2	-107.2	-19.9	11.7	-3.6	9.2
4535	ok	0.39	0.3	4.08e-02	7.7	7.7	12.7	12.7	16.9	-89.5	-47.4	8.6	-4.2	10.6
4536	ok	0.39	0.3	3.69e-02	7.7	7.7	12.7	12.7	-16.1	-2.9	-46.7	-4.0	-4.5	13.6
4537	ok	0.39	0.4	2.91e-02	7.7	7.7	12.7	12.7	-12.3	127.5	-58.5	-5.9	-4.7	15.1
4538	ok	0.41	0.4	8.29e-02	9.5	9.0	14.5	14.0	-47.4	122.1	-85.8	-9.0	-5.4	15.7
4539	ok	0.39	0.1	4.53e-02	7.7	7.7	12.7	12.7	-1.2	12.6	-5.6	0.3	5.5	-3.7
4540	ok	0.39	0.1	4.53e-02	7.7	7.7	12.7	12.7	8.0	190.1	-23.5	0.8	6.6	4.1
4541	ok	0.39	0.2	4.34e-02	7.7	7.7	12.7	12.7	12.0	312.1	-30.0	0.8	7.9	4.4
4542	ok	0.39	0.3	3.85e-02	7.7	7.7	12.7	12.7	14.6	378.7	-30.9	0.9	12.6	5.5
4543	ok	0.42	0.3	2.50e-02	7.7	9.0	12.7	15.5	0.4	448.3	-7.1	1.5	13.5	3.0
4544	ok	0.42	0.3	2.80e-02	7.7	8.5	12.7	16.4	3.9	475.7	-6.9	1.1	14.6	1.9
4545	ok	0.43	0.3	3.23e-02	7.7	8.9	12.7	17.7	3.1	495.4	-10.5	1.2	16.6	1.5
4546	ok	0.45	0.3	3.55e-02	7.7	8.7	12.7	19.1	-1.2	301.6	-2.6	2.0	18.0	-1.9
4547	ok	0.45	0.3	3.74e-02	7.7	9.2	12.7	19.3	-1.1	302.8	-9.8	2.2	19.7	-3.3
4548	ok	0.45	0.4	3.84e-02	7.7	9.2	12.7	19.4	-2.2	327.7	-9.6	2.2	22.6	-5.2
4549	ok	0.39	0.4	4.06e-02	7.7	7.7	12.7	12.7	-3.3	203.0	7.9	-3.8	-22.3	0.9
4550	ok	0.39	0.2	4.48e-02	7.7	7.7	12.7	12.7	-2.9	49.1	41.4	2.2	10.6	-3.1
4551	ok	0.39	0.2	4.64e-02	7.7	7.7	12.7	12.7	21.0	99.6	-27.8	4.8	5.9	-2.1
4552	ok	0.41	0.3	2.88e-02	7.7	8.1	12.7	15.0	-11.0	278.7	-11.7	8.2	14.3	2.5
4553	ok	0.42	0.3	3.03e-02	7.7	7.9	12.7	16.3	22.4	283.3	1.3	7.6	15.1	0.2
4554	ok	0.43	0.3	3.31e-02	7.7	7.9	12.7	17.7	18.7	291.2	14.9	7.0	14.9	9.5
4555	ok	0.45	0.3	3.53e-02	7.7	8.1	12.7	19.1	14.1	325.1	18.9	6.2	14.7	10.2
4556	ok	0.46	0.3	3.66e-02	7.7	8.7	12.7	20.5	10.7	324.3	18.8	5.6	14.6	10.6
4557	ok	0.47	0.3	3.68e-02	7.7	10.2	12.7	21.7	-40.8	400.0	-2.4	4.8	15.7	-12.0
4558	ok	0.47	0.4	3.78e-02	7.7	8.9	12.7	22.0	1.3	418.7	-16.1	5.5	23.2	-9.6
4559	ok	0.39	0.2	4.64e-02	7.7	7.7	12.7	12.7	8.2	79.6	-22.3	3.5	6.8	-1.5

Nodo		x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									-645.24	-649.62	-508.99	-21.23	-35.10	-23.92
		0.71	0.65	0.27	28.36	40.81	29.13	62.76	1272.78	1262.00	474.00	32.66	33.81	25.27

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
137	ok	5.61						
138	ok	1.52						
289	ok	3.78						
290	ok	4.86						
291	ok	1.99						
294	ok	3.78						
295	ok	2.74						
297	ok	2.18						
326	ok	4.36						
328	ok	2.37						
329	ok	1.96						
330	ok	2.51						

Firmato digitalmente da: Fiorini Massimo
Firmato il 11/03/2024 18:24
Serial Certificato: 2992565
Valido dal 01/09/2023 al 01/09/2026
InfoCert Qualified Electronic Signature CA

331	ok	0.74						
332	ok	2.74						
333	ok	1.84						
349	ok	3.12						
424	ok	3.55						
425	ok	1.82						
432	ok	3.55						
476	ok	0.74						
492	ok	3.31						
497	ok	1.77						
562	ok	0.86						
629	ok Av	10.10	0.34	0.07	11.3	2.3	122.7	24.4
689	ok	1.69						
690	ok	0.96						
691	ok	1.48						
694	ok	0.77						
695	ok	2.65						
699	ok	0.72						
700	ok Av	10.82	0.36	0.09	12.0	3.0	129.9	32.3
703	ok	3.41						
705	ok	4.68						
706	ok Av	7.65	0.22	0.14	7.4	4.5	80.6	49.0
707	ok	2.23						
836	ok	2.28						
859	ok	1.85						
860	ok	2.51						
862	ok	5.16						
874	ok	4.60						
887	ok	4.06						
913	ok Av	10.10	0.34	0.07	11.3	2.3	122.7	24.4
926	ok	3.14						
939	ok Av	8.68	0.19	0.23	6.2	7.8	67.2	84.4
952	ok Av	7.00	0.05	0.23	1.7	7.8	18.9	84.4
964	ok	4.76						
965	ok Av	11.63	0.39	0.09	12.8	3.1	139.1	33.3
1115	ok	2.76						
1116	ok Av	10.10	0.34	0.07	11.3	2.3	122.7	24.4
1117	ok Av	10.82	0.36	0.09	12.0	3.0	129.9	32.3
1118	ok	5.54						
1137	ok	1.07						
1139	ok	5.39						
1172	ok	2.18						
1174	ok	5.68						
1175	ok	5.61						
1178	ok	2.32						
1184	ok	1.89						
1190	ok	3.29						
1199	ok	3.06						
1200	ok Av	7.70	0.06	0.26	1.9	8.5	21.0	92.4
1201	ok Av	6.36	0.10	0.19	3.5	6.3	37.7	68.6
1206	ok	6.02						
1215	ok	2.91						
1218	ok	2.37						
1227	ok	2.20						
1228	ok	3.72						
1229	ok	2.04						
1239	ok	1.89						
1240	ok	1.92						
1242	ok	2.20						
1243	ok	1.99						
1247	ok	4.05						
1248	ok	1.28						
1249	ok Av	7.35	0.07	0.25	2.4	8.2	25.8	89.3
1250	ok	2.01						
1251	ok	4.05						
1279	ok	2.79						
1282	ok	1.93						
1285	ok	2.01						

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Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

1286	ok	1.93							
1288	ok	1.36							
1291	ok	1.92							
1294	ok	1.36							
1303	ok	1.20							
1304	ok	1.34							
1457	ok	1.45							
1588	ok	2.46							
1589	ok	1.60							
1590	ok	1.28							
1591	ok	1.60							
1592	ok	6.21							
1613	ok	4.07							
1628	ok	1.18							
1658	ok	4.05							
1659	ok	1.18							
1660	ok	1.54							
1662	ok	1.08							
1665	ok	1.17							
1769	ok	1.08							
1770	ok	1.20							
1771	ok	0.87							
1775	ok	0.92							
1776	ok	2.67							
1777	ok	0.99							
1851	ok	1.09							
1852	ok	1.52							
1854	ok	4.07							
1855	ok	0.94							
1856	ok	3.63							
1857	ok	3.07							
1858	ok	1.54							
1859	ok	6.83							
1860	ok	0.84							
1861	ok	1.23							
1862	ok	0.63							
1863	ok	1.08							
1864	ok	0.53							
1865	ok	3.41							
1866	ok	0.54							
1867	ok	3.74							
1868	ok	0.84							
1869	ok	5.13							
1870	ok	1.52							
1872	ok	3.67							
1873	ok	3.41							
1874	ok	3.61							
1875	ok	4.44							
1876	ok	1.44							
1877	ok	1.47							
1878	ok	0.82							
1879	ok	4.30							
1880	ok	0.72							
1881	ok	3.07							
1882	ok	0.73							
1883	ok Av	10.82	0.36	0.09	12.0	3.0	129.9	32.3	
1884	ok	0.73							
1885	ok	3.29							
1886	ok	0.82							
1887	ok	5.39							
1888	ok	1.43							
1889	ok	1.28							
1890	ok	3.64							
1891	ok	2.18							
1892	ok	3.31							
1894	ok	1.44							
1895	ok	5.68							
1896	ok	1.17							

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Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

1897	ok	1.17							
1898	ok	1.30							
1899	ok Av	10.10	0.34	0.07	11.3	2.3	122.7	24.4	
1900	ok	1.30							
1901	ok	2.76							
1902	ok	1.30							
1903	ok	2.14							
1904	ok	1.20							
1905	ok	1.29							
1906	ok	1.43							
1907	ok	4.13							
1908	ok	3.37							
1909	ok Av	7.65	0.22	0.14	7.4	4.5	80.6	49.0	
1910	ok	4.84							
1911	ok	4.61							
1912	ok	1.76							
1913	ok	3.45							
1914	ok	1.82							
1915	ok	1.44							
1916	ok	1.95							
1928	ok	3.83							
1929	ok	1.98							
1930	ok	1.15							
1932	ok	1.98							
1933	ok	1.99							
1934	ok	1.86							
1936	ok	1.30							
1965	ok	1.89							
1967	ok	1.48							
1968	ok	4.75							
1969	ok	1.30							
1970	ok	1.71							
1971	ok	1.28							
1972	ok	1.84							
1988	ok	1.17							
1997	ok	1.66							
2063	ok	1.45							
2064	ok	1.95							
2071	ok	4.68							
2115	ok	1.54							
2131	ok	1.77							
2136	ok	1.50							
2201	ok	5.19							
2206	ok	1.39							
2268	ok	1.83							
2328	ok	1.96							
2329	ok	2.52							
2330	ok	3.42							
2333	ok	1.96							
2334	ok	3.69							
2338	ok Av	6.83	0.11	0.21	3.7	6.8	39.6	74.1	
2339	ok	2.73							
2342	ok	1.96							
2344	ok	1.92							
2346	ok	2.04							
2455	ok	4.77							
2456	ok	2.08							
2457	ok	1.99							
2458	ok	2.08							
2459	ok	4.77							
2460	ok	1.96							
2462	ok	2.64							
2463	ok	3.77							
2464	ok	3.65							
2465	ok	2.85							
2466	ok	3.36							
2468	ok	3.17							
2469	ok	3.89							

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Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

2470	ok	2.85						
2472	ok	3.18						
2475	ok	5.47						
2476	ok	3.78						
2480	ok	3.78						
2496	ok	2.50						
2498	ok	4.82						
2499	ok Av	6.74	0.01	0.23	0.4	7.6	4.8	82.7
2501	ok	1.43						
2513	ok	1.49						
2526	ok Av	6.74	6.29e-03	0.23	0.2	7.6	2.3	82.8
2552	ok	4.31						
2565	ok Av	6.98	6.29e-03	0.24	0.2	7.9	2.3	85.9
2578	ok	4.63						
2591	ok	3.33						
2604	ok	1.36						
2754	ok	1.17						
2756	ok	1.18						
2757	ok	1.44						
2776	ok	1.39						
2777	ok	1.03						
2778	ok	1.40						
2779	ok	0.83						
2811	ok	1.40						
2812	ok	4.23						
2813	ok	1.21						
2814	ok	0.83						
2817	ok	1.17						
2823	ok	2.52						
2826	ok	0.83						
2829	ok	1.63						
2838	ok	0.84						
2839	ok	2.45						
2840	ok	0.84						
2845	ok	1.71						
2851	ok	1.45						
2857	ok	4.88						
2866	ok	3.78						
2867	ok	1.72						
2868	ok	1.39						
2878	ok	1.77						
2879	ok	1.30						
2880	ok	1.72						
2881	ok	1.22						
2886	ok	1.09						
2887	ok	1.67						
2888	ok	2.50						
2889	ok	0.94						
2890	ok	1.44						
2921	ok	0.82						
2924	ok	0.87						
2925	ok	0.80						
2926	ok	1.52						
2927	ok	0.81						
2930	ok	1.38						
2933	ok	0.81						
2943	ok	0.82						
2998	ok	4.63						
3096	ok Av	15.88	0.39	0.37	13.1	12.4	141.6	134.7
3115	ok	1.47						
3152	ok	3.85						
3153	ok	1.46						
3154	ok	1.52						
3155	ok	2.52						
3156	ok Av	10.82	0.36	0.09	12.0	3.0	129.9	32.3
3157	ok	3.14						
3158	ok	4.15						
3159	ok	1.62						

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Facchini Massimo
Firmato il 14/03/2024 18:24
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Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

3161	ok	1.44							
3162	ok	1.30							
3163	ok	1.36							
3165	ok	1.28							
3166	ok	4.41							
3167	ok	1.23							
3169	ok	1.14							
3183	ok	1.56							
3201	ok	3.12							
3211	ok	2.34							
3216	ok	4.82							
3222	ok	1.44							
3227	ok	4.01							
3228	ok	0.77							
3229	ok	1.37							
3230	ok	0.44							
3232	ok	0.32							
3236	ok	1.05							
3237	ok	0.44							
3246	ok	1.05							
3251	ok	0.78							
3253	ok	1.04							
3267	ok	1.46							
3276	ok	2.34							
3277	ok	1.04							
3278	ok	1.23							
3280	ok	1.01							
3282	ok Av	7.65	0.22	0.14	7.4	4.5	80.6	49.0	
3284	ok	0.90							
3285	ok Av	7.70	0.06	0.25	1.9	8.5	21.0	92.4	
3286	ok	1.26							
3288	ok	1.36							
3290	ok	2.32							
3292	ok	4.88							
3293	ok	7.35							
3294	ok	1.26							
3296	ok	1.89							
3298	ok	1.24							
3301	ok Av	7.72	0.23	0.08	7.6	2.6	82.3	27.9	
3302	ok	1.09							
3306	ok	1.05							
3309	ok Av	8.09	0.27	0.07	8.8	2.3	95.4	24.5	
3310	ok	4.04							
3312	ok	2.34							
3316	ok	1.43							
3319	ok	3.12							
3320	ok	0.77							
3324	ok	0.75							
3327	ok	4.60							
3328	ok	0.75							
3332	ok	0.74							
3336	ok	0.77							
3340	ok	1.43							
3344	ok	2.34							
3347	ok	6.83							
3351	ok	6.36							
3353	ok	2.66							
3355	ok	4.84							
3356	ok	1.35							
3361	ok	2.94							
3363	ok	1.31							
3365	ok Av	6.68	0.21	0.10	6.9	3.2	74.5	34.5	
3366	ok	2.69							
3368	ok	1.35							
3370	ok	1.45							
3371	ok	4.15							
3372	ok	2.26							
3373	ok	4.51							

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Serial Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

3374	ok	1.25							
3376	ok	1.17							
3377	ok	5.16							
3378	ok	1.45							
3379	ok	1.33							
3380	ok	1.46							
3445	ok	1.33							
3446	ok	1.54							
3447	ok	1.32							
3450	ok	1.16							
3451	ok	1.54							
3453	ok	1.26							
3454	ok	1.46							
3455	ok	2.27							
3457	ok	1.44							
3459	ok	1.40							
3462	ok	1.35							
3465	ok	1.36							
3467	ok	4.57							
3470	ok	3.14							
3471	ok	4.15							
3472	ok	4.84							
3473	ok	1.41							
3474	ok	3.31							
3476	ok	3.61							
3477	ok	1.29							
3478	ok	3.63							
3479	ok	2.43							
3480	ok	4.05							
3481	ok	1.29							
3482	ok	4.05							
3484	ok Av	7.70	0.06	0.25	1.9	8.5	21.0	92.4	
3485	ok	1.23							
3486	ok	3.69							
3487	ok	2.94							
3488	ok	2.50							
3490	ok	2.50							
3491	ok	2.33							
3492	ok	2.34							
3493	ok	1.15							
3494	ok	2.34							
3495	ok	1.88							
3496	ok	2.26							
3498	ok	2.94							
3499	ok	2.00							
3500	ok	2.84							
3501	ok	1.14							
3502	ok	2.75							
3503	ok	2.00							
3504	ok	3.13							
3506	ok	3.13							
3507	ok	1.99							
3508	ok	3.38							
3509	ok	1.38							
3510	ok	3.38							
3511	ok	1.87							
3512	ok	5.35							
3514	ok Av	6.36	0.10	0.19	3.5	6.3	37.7	68.6	
3515	ok	2.32							
3516	ok	4.61							
3517	ok	3.12							
3518	ok	4.82							
3519	ok	2.97							
3520	ok	4.82							
3522	ok	4.51							
3524	ok	4.36							
3525	ok	4.13							
3526	ok	7.26							

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Facchini Massimo
Firmato il 14/03/2024 18:24
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Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

3528	ok Av	8.09	0.27	0.07	8.9	2.4	96.7	26.4
3529	ok	1.36						
3530	ok	4.86						
3531	ok	1.30						
3532	ok	3.45						
3533	ok	1.31						
3534	ok	3.14						
3536	ok	3.24						
3537	ok	3.93						
3538	ok	5.09						
3539	ok	3.72						
3540	ok Av	6.68	0.21	0.10	6.9	3.2	74.5	34.5
3541	ok	1.05						
3542	ok	5.67						
3543	ok	2.45						
3544	ok	3.44						
3546	ok	2.79						
3547	ok	1.53						
3548	ok	2.66						
3549	ok	0.99						
3550	ok	2.78						
3551	ok	1.63						
3552	ok	3.07						
3553	ok	3.23						
3554	ok	4.15						
3555	ok	1.63						
3556	ok	3.72						
3558	ok	3.72						
3559	ok	4.36						
3560	ok	3.78						
3561	ok	1.63						
3562	ok	3.78						
3563	ok	2.27						
3564	ok	3.43						
3565	ok	2.07						
3566	ok	3.23						
3567	ok	2.27						
3568	ok	4.60						
3569	ok	1.55						
3570	ok	3.85						
3571	ok	1.91						
3572	ok	4.23						
3573	ok	0.99						
3574	ok	4.27						
3575	ok	1.90						
3576	ok	4.27						
3577	ok	1.30						
3578	ok	4.13						
3579	ok	1.85						
3580	ok	4.14						
3581	ok	2.07						
3582	ok	5.16						
3583	ok	2.00						
3584	ok	4.51						
3585	ok	3.57						
3586	ok	3.93						
3587	ok	2.00						
3588	ok	2.98						
3590	ok	3.07						
3591	ok	4.40						
3592	ok	3.07						
3593	ok	1.68						
3594	ok	5.62						
3595	ok	0.91						
3596	ok	6.83						
3597	ok	1.64						
3598	ok	3.83						
3599	ok	1.55						

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

3601	ok	1.40							
3603	ok	3.38							
3605	ok	1.21							
3607	ok	2.79							
3609	ok	0.91							
3611	ok	1.77							
3612	ok	6.83							
3613	ok	3.24							
3615	ok	3.50							
3616	ok	6.21							
3618	ok	3.50							
3619	ok	1.36							
3620	ok	4.75							
3621	ok	3.20							
3623	ok	2.84							
3624	ok	2.87							
3625	ok	1.74							
3626	ok	2.97							
3627	ok	4.06							
3628	ok	1.82							
3629	ok	2.82							
3630	ok Av	6.60	0.20	0.09	6.8	3.2	73.6	34.2	
3631	ok	1.92							
3633	ok	1.92							
3634	ok	1.03							
3635	ok	1.90							
3636	ok	3.93							
3637	ok	2.74							
3638	ok	1.81							
3639	ok	2.67							
3640	ok	1.74							
3642	ok	4.64							
3643	ok	2.83							
3644	ok	3.86							
3645	ok	4.06							
3711	ok	1.54							
3714	ok	1.48							
3716	ok	1.49							
3719	ok	1.49							
3720	ok Av	7.26	0.15	0.20	4.8	6.7	52.3	72.7	
3723	ok	5.16							
3724	ok	1.35							
3726	ok	3.72							
3728	ok	3.32							
3730	ok	1.34							
3731	ok	3.04							
3732	ok	2.75							
3735	ok	1.31							
3736	ok	2.63							
3737	ok	4.75							
3738	ok	1.10							
3739	ok	3.37							
3740	ok	1.48							
3741	ok	3.64							
3742	ok	1.24							
3743	ok	3.67							
3744	ok	2.85							
3745	ok	4.07							
3746	ok	1.24							
3747	ok	4.07							
3749	ok	7.35							
3750	ok	1.23							
3751	ok	3.65							
3752	ok	4.76							
3753	ok	2.52							
3754	ok	1.08							
3755	ok	2.52							
3756	ok	3.91							

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

3757	ok	2.34						
3758	ok	1.32						
3759	ok	2.34						
3760	ok	7.03						
3761	ok	2.27						
3762	ok	2.75						
3763	ok	2.97						
3765	ok	2.83						
3767	ok	2.75						
3769	ok	3.13						
3771	ok	3.13						
3773	ok	3.35						
3775	ok	3.35						
3777	ok	5.21						
3779	ok	6.21						
3781	ok	4.68						
3783	ok	4.88						
3785	ok	4.88						
3787	ok	4.57						
3788	ok	3.78						
3789	ok	4.40						
3791	ok	7.03						
3792	ok	1.36						
3793	ok Av	7.72	0.18	0.12	5.8	3.9	62.8	42.4
3795	ok	5.19						
3796	ok	1.15						
3797	ok	3.42						
3799	ok	3.12						
3800	ok	1.00						
3801	ok	3.28						
3802	ok	3.13						
3803	ok	5.02						
3805	ok Av	6.60	0.20	0.10	6.8	3.2	73.6	34.2
3806	ok	1.38						
3807	ok	5.68						
3808	ok	0.92						
3809	ok	3.52						
3810	ok	0.76						
3811	ok	2.67						
3813	ok	2.69						
3814	ok	0.65						
3815	ok	3.07						
3816	ok	0.81						
3817	ok	3.16						
3818	ok	0.65						
3819	ok	3.93						
3821	ok	3.57						
3822	ok	0.64						
3823	ok	3.74						
3824	ok	0.78						
3825	ok	3.85						
3826	ok	0.77						
3827	ok	3.85						
3829	ok	3.67						
3830	ok	1.39						
3831	ok	3.24						
3832	ok	1.28						
3833	ok	3.10						
3834	ok	3.13						
3835	ok	3.92						
3837	ok	4.15						
3838	ok	3.85						
3839	ok	4.36						
3841	ok	4.36						
3843	ok	4.06						
3845	ok	4.22						
3847	ok	4.64						
3849	ok	4.50						

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Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

3851	ok	4.28							
3853	ok	2.99							
3855	ok	3.05							
3857	ok	3.05							
3859	ok	5.54							
3861	ok	6.83							
3866	ok	0.75							
3896	ok Av	7.70	0.06	0.26	1.9	8.5	21.0	92.4	
3897	ok	2.77							
3898	ok	6.02							
3900	ok	2.91							
3901	ok	2.76							
3902	ok	2.51							
3903	ok	3.13							
3904	ok	2.74							
3906	ok	3.12							
3907	ok	1.46							
3908	ok	3.55							
3909	ok	4.27							
3910	ok	4.05							
3911	ok	0.79							
3912	ok	7.35							
3914	ok	0.51							
3915	ok	1.34							
3923	ok	4.84							
3924	ok	0.44							
3925	ok	2.73							
3926	ok	3.07							
3927	ok	1.92							
3928	ok	0.51							
3929	ok	2.04							
3930	ok	1.31							
3931	ok	2.08							
3932	ok	0.80							
3933	ok	2.08							
3934	ok	1.18							
3935	ok	1.96							
3936	ok	1.48							
3937	ok	2.64							
3938	ok	3.07							
3939	ok	4.75							
3940	ok	3.13							
3942	ok	5.04							
3950	ok	2.94							
3951	ok	1.09							
3952	ok	2.33							
3953	ok	3.31							
3954	ok	1.88							
3955	ok	1.56							
3956	ok	2.00							
3957	ok	1.75							
3958	ok	2.00							
3959	ok	1.04							
3960	ok	1.99							
3961	ok	1.75							
3962	ok	1.87							
3964	ok	2.32							
3965	ok	1.75							
3966	ok	2.97							
3967	ok	0.93							
3968	ok	1.60							
3969	ok	0.86							
3977	ok Av	6.36	0.10	0.19	3.5	6.3	37.7	68.6	
3978	ok	1.55							
3979	ok	3.24							
3980	ok	0.94							
3981	ok	2.02							
3982	ok	3.34							

Firmato digitalmente da:
Facchini Massimo
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Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

3983	ok	2.18						
3984	ok	2.98						
3985	ok	2.21						
3986	ok	4.82						
3987	ok	2.21						
3988	ok	1.49						
3989	ok	2.09						
3990	ok	3.38						
3991	ok	3.05						
3993	ok	6.21						
3994	ok	1.46						
3995	ok	4.36						
3996	ok	0.93						
4004	ok Av	7.26	0.15	0.20	4.8	6.7	52.3	72.7
4005	ok	1.51						
4006	ok	5.67						
4007	ok	0.93						
4008	ok	3.72						
4009	ok	0.87						
4010	ok	3.32						
4011	ok	0.94						
4012	ok	3.04						
4013	ok	1.19						
4014	ok	2.63						
4015	ok	0.95						
4016	ok	2.85						
4018	ok	5.64						
4019	ok	0.95						
4020	ok Av	7.03	0.23	0.08	7.6	2.6	82.3	27.9
4021	ok	1.29						
4030	ok	1.48						
4031	ok	0.87						
4039	ok	5.04						
4040	ok	3.35						
4041	ok	3.31						
4042	ok	1.29						
4043	ok	4.50						
4044	ok	3.07						
4045	ok	1.75						
4046	ok	1.29						
4047	ok	1.75						
4048	ok	0.87						
4049	ok	3.14						
4050	ok	1.19						
4051	ok	1.55						
4053	ok	3.34						
4054	ok	3.36						
4055	ok	4.82						
4056	ok	1.49						
4065	ok	1.41						
4066	ok	0.86						
4074	ok	4.15						
4075	ok Av	6.67	0.22	0.07	7.2	2.4	78.0	26.4
4076	ok	2.45						
4077	ok	1.56						
4078	ok	1.53						
4079	ok	5.67						
4080	ok	1.63						
4081	ok	2.99						
4082	ok	1.63						
4083	ok	3.53						
4084	ok	1.63						
4085	ok	1.75						
4086	ok	1.55						
4087	ok	3.30						
4088	ok	1.31						
4089	ok	1.90						
4090	ok	3.93						

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Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

4091	ok	2.98							
4100	ok	3.38							
4101	ok	1.75							
4109	ok	4.77							
4110	ok	1.38							
4111	ok	4.77							
4112	ok	2.63							
4113	ok	3.77							
4114	ok	1.38							
4115	ok	3.50							
4116	ok	1.56							
4117	ok	3.20							
4118	ok	1.52							
4119	ok	2.87							
4120	ok	2.62							
4121	ok	3.18							
4122	ok	1.53							
4123	ok	3.78							
4124	ok	1.75							
4125	ok	3.78							
4126	ok	1.53							
4135	ok	5.64							
4136	ok	1.37							
4144	ok	3.81							
4146	ok	2.25							
4147	ok	1.37							
4148	ok	2.07							
4149	ok Av	7.02	0.23	0.08	7.6	2.6	82.3	27.9	
4150	ok	2.23							
4151	ok	3.35							
4152	ok	2.25							
4153	ok	1.56							
4154	ok	2.25							
4155	ok	3.05							
4156	ok	2.19							
4157	ok	1.39							
4158	ok	2.85							
4159	ok	0.81							
4160	ok	3.59							
4161	ok	3.17							
4171	ok	3.43							
4179	ok	6.83							
4180	ok	0.56							
4181	ok	5.13							
4182	ok	1.65							
4183	ok	1.28							
4184	ok	5.73							
4185	ok	1.28							
4186	ok	1.65							
4187	ok	1.17							
4188	ok	0.48							
4189	ok	1.29							
4190	ok	1.58							
4191	ok	1.29							
4193	ok	5.19							
4194	ok	1.42							
4195	ok	6.83							
4196	ok	0.56							
4198	ok	1.31							
4199	ok	3.81							
4200	ok Av	8.10	0.28	0.07	9.2	2.2	99.2	23.8	
4201	ok	1.12							
4203	ok	5.35							
4205	ok	3.29							
4206	ok Av	8.68	0.19	0.23	6.2	7.7	67.2	83.6	
4207	ok	3.24							
4208	ok	1.38							
4209	ok	2.02							

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Facchini Massimo
Firmato il 14/03/2024 18:24
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Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

4210	ok	2.25						
4211	ok Av	8.53	0.29	0.12	9.7	3.9	104.7	42.3
4212	ok	2.18						
4213	ok	3.67						
4214	ok	2.21						
4215	ok	0.81						
4217	ok	2.21						
4218	ok	2.07						
4219	ok	2.09						
4221	ok Av	9.05	0.19	0.24	6.4	8.1	69.0	87.6
4222	ok	3.05						
4233	ok Av	6.60	0.20	0.09	6.8	3.2	73.6	34.2
4234	ok	2.23						
4236	ok	5.21						
4237	ok Av	7.07	6.19e-03	0.24	0.2	8.0	2.2	86.9
4238	ok	1.87						
4239	ok Av	6.68	0.21	0.10	6.9	3.2	74.5	34.5
4240	ok	2.25						
4242	ok	1.52						
4243	ok	6.31						
4244	ok	2.25						
4245	ok	3.05						
4246	ok	3.05						
4248	ok	2.19						
4249	ok	3.33						
4251	ok	3.03						
4252	ok	2.36						
4255	ok	3.21						
4256	ok	3.58						
4257	ok	2.61						
4261	ok	4.06						
4263	ok	3.24						
4264	ok	4.27						
4266	ok	5.62						
4267	ok	5.14						
4268	ok	1.40						
4269	ok	4.64						
4272	ok	1.45						
4273	ok Av	8.31	0.07	0.28	2.3	9.2	24.4	100.1
4349	ok	4.84						
4350	ok Av	7.14	8.86e-03	0.24	0.3	8.1	3.2	87.8
4351	ok	3.03						
4352	ok Av	7.14	8.86e-03	0.24	0.3	8.1	3.2	87.8
4353	ok	2.72						
4354	ok	3.89						
4355	ok	3.24						
4356	ok	4.06						
4357	ok	5.09						
4358	ok	4.67						
4359	ok Av	6.68	0.21	0.10	6.9	3.2	74.5	34.5
4360	ok	5.42						
4361	ok	6.24						
4362	ok Av	7.02	0.02	0.24	0.6	8.0	6.0	86.2
4363	ok Av	8.31	0.07	0.28	2.3	9.2	24.4	100.1
4364	ok	4.63						
4365	ok Av	8.53	0.29	0.12	9.7	3.9	104.7	42.3
4366	ok	3.25						
4367	ok	3.75						
4368	ok	4.20						
4369	ok	4.58						
4370	ok	4.88						
4371	ok	5.09						
4372	ok	5.14						
4373	ok	4.50						
4374	ok	4.28						
4375	ok	4.40						
4376	ok	4.68						
4377	ok	4.83						

Firmato digitalmente da:
Facciolini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2722585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

4378	ok Av	7.49	0.05	0.25	1.8	8.3	19.3	90.1
4379	ok	5.73						
4380	ok Av	7.29	0.01	0.25	0.4	8.3	4.4	89.6
4381	ok	3.14						
4382	ok Av	6.95	2.61e-03	0.24	8.65e-02	7.9	0.9	85.4
4383	ok	3.89						
4384	ok Av	6.84	8.07e-03	0.23	0.3	7.8	2.9	84.1
4386	ok Av	6.84	8.07e-03	0.23	0.3	7.8	2.9	84.1
4387	ok	4.67						
4388	ok Av	6.77	1.96e-03	0.23	6.51e-02	7.7	0.7	83.3
4389	ok	5.42						
4390	ok	3.85						
4391	ok	3.85						
4392	ok	3.57						
4393	ok	3.53						
4394	ok Av	9.05	0.29	0.25	9.7	8.3	104.7	90.1
4395	ok	3.51						
4396	ok	4.14						
4397	ok	5.16						
4398	ok	6.24						
4399	ok Av	7.02	0.02	0.24	0.6	8.0	6.0	86.2
4400	ok	4.63						
4401	ok	4.63						
4402	ok	4.41						
4403	ok	4.31						
4404	ok	4.60						
4405	ok	4.76						
4406	ok	5.61						
4407	ok Av	8.31	0.07	0.28	2.3	9.2	24.4	100.1
4408	ok	4.63						
4409	ok	4.50						
4410	ok	5.67						
4411	ok	3.44						
4412	ok	2.45						
4413	ok	2.60						
4414	ok	2.78						
4415	ok	3.02						
4416	ok	3.02						
4417	ok	4.28						
4418	ok	4.40						
4419	ok	4.68						
4420	ok Av	7.49	0.05	0.25	1.8	8.3	19.3	90.1
4421	ok	4.83						
4422	ok Av	7.29	0.01	0.25	0.4	8.3	4.4	89.6
4423	ok	5.73						
4424	ok Av	6.95	2.61e-03	0.24	8.65e-02	7.9	0.9	85.4
4426	ok Av	6.84	8.07e-03	0.23	0.3	7.8	2.9	84.1
4427	ok Av	9.05	0.29	0.24	9.7	8.1	104.7	87.6
4428	ok Av	6.84	8.07e-03	0.23	0.3	7.8	2.9	84.1
4429	ok	6.31						
4430	ok Av	6.77	1.96e-03	0.23	6.51e-02	7.7	0.7	83.3
4431	ok	3.21						
4432	ok	5.14						
4435	ok Av	8.31	0.07	0.28	2.3	9.2	24.4	100.1
4436	ok Av	9.05	0.19	0.25	6.4	8.3	69.0	90.1
4437	ok Av	15.88	0.39	0.37	13.1	12.4	141.6	134.7
4438	ok Av	8.68	0.28	0.23	9.2	7.7	99.2	83.6
4439	ok	2.51						
4440	ok Av	8.10	0.28	0.12	9.2	3.9	99.2	42.0
4441	ok	5.19						
4442	ok	3.23						
4443	ok	2.86						
4444	ok	3.28						
4445	ok	5.02						
4446	ok Av	6.60	0.20	0.10	6.8	3.2	73.6	34.2
4447	ok	2.29						
4448	ok	2.39						
4449	ok	2.63						

Firmato digitalmente da: Facchini Massimo
Firmato il 01/03/2024 18:24
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Qualified Electronic Signature

4450	ok	3.05							
4451	ok	4.15							
4452	ok	5.47							
4453	ok Av	7.07	6.19e-03	0.24	0.2	8.0	2.2	86.9	
4454	ok	3.33							
4455	ok	4.06							
4458	ok	4.43							
4459	ok	3.35							
4460	ok	2.77							
4461	ok	2.46							
4462	ok	2.59							
4463	ok	2.71							
4464	ok	3.21							
4467	ok	5.47							
4468	ok Av	11.63	0.39	0.09	12.8	3.1	139.1	33.3	
4473	ok	3.74							
4474	ok	3.15							
4475	ok	5.68							
4476	ok	3.52							
4477	ok	2.40							
4478	ok	2.67							
4479	ok	2.81							
4480	ok	3.16							
4481	ok	3.16							
4482	ok	3.05							
4483	ok	2.96							
4484	ok	3.02							
4485	ok	3.27							
4486	ok	3.27							
4487	ok	2.50							
4488	ok	2.29							
4489	ok	2.39							
4490	ok	2.63							
4491	ok	3.05							
4492	ok	3.81							
4493	ok	3.35							
4494	ok	2.77							
4495	ok	2.46							
4496	ok	2.59							
4497	ok	2.71							
4498	ok Av	8.68	0.28	0.23	9.2	7.8	99.2	84.4	
4499	ok Av	7.00	0.05	0.23	1.7	7.8	18.9	84.4	
4500	ok Av	6.74	0.01	0.23	0.4	7.6	4.8	82.7	
4501	ok Av	6.74	6.29e-03	0.23	0.2	7.6	2.3	82.8	
4502	ok Av	6.98	6.29e-03	0.24	0.2	7.9	2.3	85.9	
4503	ok Av	7.14	8.86e-03	0.24	0.3	8.1	3.2	87.8	
4504	ok Av	7.14	8.86e-03	0.24	0.3	8.1	3.2	87.8	
4505	ok	3.21							
4506	ok	4.15							
4507	ok	5.47							
4508	ok	3.23							
4509	ok	3.10							
4510	ok	3.92							
4511	ok	3.92							
4512	ok	2.61							
4513	ok	3.92							
4514	ok	3.86							
4515	ok	3.70							
4516	ok	4.22							
4517	ok	4.51							
4518	ok	3.03							
4519	ok	2.88							
4520	ok	2.96							
4521	ok	3.14							
4522	ok	3.14							
4523	ok	3.07							
4524	ok	3.00							
4525	ok	3.93							

Firmato digitalmente da: [illegible] Massimo
Firmato il 01/03/2024 18:24
Seriale Certificato: [illegible]
Valido dal 01/09/2023 al 01/09/2026
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4526	ok	2.59						
4527	ok	1.93						
4528	ok	2.20						
4529	ok	2.22						
4530	ok Av	11.63	0.39	0.09	12.8	3.1	139.1	33.3
4531	ok	4.64						
4532	ok	4.50						
4533	ok	4.28						
4534	ok	2.86						
4535	ok	1.97						
4536	ok	2.20						
4537	ok	2.21						
4538	ok Av	15.88	0.39	0.37	13.1	12.4	141.6	134.7
4539	ok	2.36						
4540	ok	2.45						
4541	ok	2.52						
4542	ok	3.33						
4543	ok	3.06						
4544	ok	1.95						
4545	ok	1.49						
4546	ok	1.36						
4547	ok	1.85						
4548	ok	2.51						
4549	ok	4.68						
4550	ok	3.15						
4551	ok	2.61						
4552	ok	3.25						
4553	ok	3.75						
4554	ok	4.20						
4555	ok	4.58						
4556	ok	4.88						
4557	ok	5.09						
4558	ok	5.14						
4559	ok	2.36						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		15.88	0.39	0.37	13.07	12.43	141.58	134.65

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Facchini Massimo
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Seriale Certificato: 2702585
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STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare [*normalizzato a 1*]	
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare [*normalizzato a 1*]	
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti [*normalizzato a 1*]	
wR	apertura caratteristica delle fessure in combinazioni rare	[*mm*]
wF	apertura caratteristica delle fessure in combinazioni frequenti	[*mm*]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti	[*mm*]
dR	massima deformazione in combinazioni rare	
dF	massima deformazione in combinazioni frequenti	
dP	massima deformazione in combinazioni quasi permanenti	

Per ognuno dei nove valori soprariportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

pilastri	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
travi	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
	wR	**wF**	**wP**	per sezioni significative
	dR	**dF**	**dP**	massimi in campata
setti e gusci	**rRfck**	**rRfyk**	**rPfck**	massimi nei nodi dell'elemento
	wR	**wF**	**wP**	massimi nei nodi dell'elemento

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

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Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
					mm	mm	mm	
595	0.11	0.41	0.11	302,291,354	0.0	0.0	0.0	0,0,0
599	0.15	0.41	0.14	301,291,354	0.0	0.0	0.0	0,0,0
600	0.11	0.37	0.11	302,289,354	0.0	0.0	0.0	0,0,0
724	0.15	0.55	0.14	285,185,354	0.33	0.26	0.23	186,315,347
737	0.16	0.47	0.10	262,226,354	0.24	0.14	0.0	186,328,0
750	0.22	0.46	0.24	270,218,354	0.21	0.17	0.15	289,327,351
763	0.12	0.29	0.12	264,264,354	0.0	0.0	0.0	0,0,0
776	0.11	0.39	0.08	263,188,347	0.0	0.0	0.0	0,0,0
789	0.12	0.50	0.13	261,185,354	0.28	0.24	0.17	186,315,347
802	0.10	0.48	0.09	186,188,347	0.24	0.0	0.0	187,0,0
815	0.11	0.42	0.08	262,226,354	0.16	0.0	0.0	226,0,0
828	0.12	0.51	0.14	261,226,354	0.28	0.23	0.17	186,315,347
1330	0.11	0.31	0.11	302,289,354	0.0	0.0	0.0	0,0,0
1331	0.11	0.31	0.11	302,291,354	0.0	0.0	0.0	0,0,0
1332	0.11	0.37	0.11	302,291,354	0.0	0.0	0.0	0,0,0
1333	0.11	0.41	0.11	301,291,354	0.0	0.0	0.0	0,0,0
1334	0.18	0.38	0.18	302,289,354	0.0	0.0	0.0	0,0,0
1336	0.18	0.38	0.18	301,291,354	0.0	0.0	0.0	0,0,0
1337	0.14	0.42	0.14	304,289,354	0.0	0.0	0.0	0,0,0
1338	0.10	0.43	0.10	186,291,347	0.0	0.0	0.0	0,0,0
1339	0.14	0.41	0.14	301,291,354	0.0	0.0	0.0	0,0,0
1340	0.10	0.39	0.10	186,291,351	0.0	0.0	0.0	0,0,0
1341	0.09	0.33	0.10	290,291,351	0.0	0.0	0.0	0,0,0
1342	0.10	0.33	0.10	289,291,351	0.0	0.0	0.0	0,0,0
1343	0.10	0.39	0.10	185,291,351	0.0	0.0	0.0	0,0,0
1344	0.10	0.43	0.09	185,291,347	0.0	0.0	0.0	0,0,0
1345	0.21	0.38	0.22	264,289,354	0.0	0.0	0.0	0,0,0
1347	0.21	0.38	0.23	261,291,354	0.0	0.0	0.0	0,0,0
1348	0.13	0.44	0.13	304,289,354	0.0	0.0	0.0	0,0,0
1349	0.11	0.45	0.11	186,291,347	0.0	0.0	0.0	0,0,0
1350	0.13	0.43	0.13	304,290,354	0.0	0.0	0.0	0,0,0
1351	0.11	0.40	0.12	226,291,347	0.0	0.0	0.0	0,0,0
1352	0.11	0.34	0.12	290,291,351	0.0	0.0	0.0	0,0,0
1353	0.11	0.34	0.12	289,291,351	0.0	0.0	0.0	0,0,0
1421	0.08	0.20	0.10	185,204,347	0.0	0.0	0.0	0,0,0
1425	0.09	0.24	0.09	185,204,347	0.0	0.0	0.0	0,0,0
1429	0.15	0.41	0.14	188,292,347	0.0	0.0	0.0	0,0,0
2027	0.12	0.40	0.12	185,289,347	0.0	0.0	0.0	0,0,0
2031	0.11	0.45	0.11	185,289,347	0.0	0.0	0.0	0,0,0
2032	0.23	0.37	0.24	264,289,354	0.0	0.0	0.0	0,0,0
2156	0.22	0.46	0.24	270,218,354	0.21	0.18	0.15	289,315,351
2169	0.10	0.36	0.09	186,186,347	0.0	0.0	0.0	0,0,0
2182	0.15	0.55	0.13	285,185,354	0.33	0.25	0.23	186,315,347
2195	0.16	0.43	0.14	274,186,347	0.15	0.0	0.0	210,0,0
2208	0.22	0.44	0.24	269,217,354	0.17	0.15	0.15	291,317,351
2221	0.12	0.39	0.11	261,264,354	0.0	0.0	0.0	0,0,0
2234	0.12	0.36	0.12	186,186,347	0.0	0.0	0.0	0,0,0
2247	0.13	0.26	0.12	264,264,354	0.0	0.0	0.0	0,0,0
2260	0.22	0.45	0.24	269,217,354	0.19	0.16	0.15	290,317,351
2763	0.23	0.37	0.24	264,290,354	0.0	0.0	0.0	0,0,0
2764	0.13	0.48	0.12	304,289,354	0.0	0.0	0.0	0,0,0
2765	0.12	0.48	0.12	226,291,347	0.0	0.0	0.0	0,0,0
2766	0.13	0.48	0.12	304,290,354	0.0	0.0	0.0	0,0,0
2767	0.12	0.40	0.13	226,291,347	0.0	0.0	0.0	0,0,0
2768	0.12	0.33	0.12	186,291,347	0.0	0.0	0.0	0,0,0
2769	0.12	0.33	0.12	185,289,347	0.0	0.0	0.0	0,0,0
2770	0.13	0.40	0.13	225,289,347	0.0	0.0	0.0	0,0,0
2771	0.12	0.48	0.12	185,289,347	0.0	0.0	0.0	0,0,0
2772	0.23	0.40	0.24	264,201,354	0.0	0.0	0.0	0,0,0
2774	0.23	0.40	0.24	264,202,354	0.0	0.0	0.0	0,0,0
2775	0.11	0.55	0.10	304,289,354	0.28	0.0	0.0	291,0,0
2776	0.12	0.50	0.12	186,291,347	0.0	0.0	0.0	0,0,0
2777	0.11	0.55	0.10	304,290,354	0.28	0.0	0.0	291,0,0
2778	0.12	0.37	0.12	226,290,347	0.0	0.0	0.0	0,0,0

Firmato digitalmente da:
Facchini Massimo
Firmato il
14/03/2024 18:24
Serial#:Certificato:
2e0165
Valido dal 19/09/2023 al
Actalis Qualified Electronic

2779	0.11	0.31	0.12	226,291,347	0.0	0.0	0.0	0,0,0
2780	0.12	0.31	0.12	225,289,347	0.0	0.0	0.0	0,0,0
2781	0.12	0.37	0.12	225,289,347	0.0	0.0	0.0	0,0,0
2782	0.12	0.50	0.12	185,291,347	0.0	0.0	0.0	0,0,0
2783	0.23	0.48	0.24	264,201,354	0.23	0.0	0.0	289,0,0
2785	0.23	0.48	0.24	264,202,354	0.24	0.0	0.0	290,0,0
2853	0.22	0.75	0.22	188,291,347	0.39	0.34	0.27	290,316,351
2857	0.11	0.65	0.11	185,291,347	0.34	0.0	0.0	290,0,0
2861	0.22	0.75	0.22	188,291,347	0.39	0.34	0.27	291,316,351
2876	0.11	0.48	0.11	188,289,347	0.0	0.0	0.0	0,0,0
2877	0.11	0.66	0.11	188,291,347	0.34	0.0	0.0	289,0,0
2878	0.11	0.32	0.11	186,291,347	0.0	0.0	0.0	0,0,0
2879	0.10	0.26	0.11	186,203,347	0.0	0.0	0.0	0,0,0
2880	0.10	0.26	0.11	185,289,347	0.0	0.0	0.0	0,0,0
2881	0.11	0.32	0.11	185,289,347	0.0	0.0	0.0	0,0,0
2882	0.11	0.48	0.11	185,290,347	0.0	0.0	0.0	0,0,0
2883	0.22	0.63	0.22	264,201,354	0.36	0.0	0.0	291,0,0
2900	0.15	0.70	0.15	263,201,354	0.50	0.41	0.38	185,305,347
2901	0.22	0.63	0.22	264,202,354	0.36	0.0	0.0	291,0,0
2902	0.22	0.63	0.21	188,290,347	0.28	0.23	0.17	230,316,351
2903	0.15	0.41	0.14	188,292,347	0.0	0.0	0.0	0,0,0
2904	0.22	0.63	0.21	188,289,347	0.28	0.23	0.17	229,316,351
2905	0.09	0.24	0.09	186,204,347	0.0	0.0	0.0	0,0,0
2906	0.08	0.20	0.10	186,204,347	0.0	0.0	0.0	0,0,0
2907	0.11	0.58	0.07	263,226,349	0.38	0.30	0.28	187,305,347
2913	0.16	0.51	0.14	301,201,354	0.0	0.0	0.0	0,0,0
2914	0.14	0.41	0.12	285,290,352	0.0	0.0	0.0	0,0,0
2915	0.13	0.45	0.14	277,294,351	0.0	0.0	0.0	0,0,0
2916	0.13	0.46	0.13	301,301,351	0.0	0.0	0.0	0,0,0
2917	0.12	0.47	0.13	274,301,351	0.0	0.0	0.0	0,0,0
2918	0.13	0.48	0.13	274,301,351	0.0	0.0	0.0	0,0,0
2919	0.14	0.47	0.13	274,301,351	0.0	0.0	0.0	0,0,0
2920	0.17	0.42	0.14	278,293,351	0.0	0.0	0.0	0,0,0
2921	0.15	0.39	0.14	278,302,351	0.0	0.0	0.0	0,0,0
2922	0.15	0.45	0.15	302,201,347	0.15	0.15	0.0	277,331,0
2923	0.20	0.74	0.19	301,201,354	0.54	0.36	0.32	201,309,349
2924	0.15	0.62	0.15	302,202,354	0.33	0.0	0.0	202,0,0
2925	0.14	0.36	0.15	225,294,351	0.0	0.0	0.0	0,0,0
2926	0.16	0.30	0.18	225,294,351	0.0	0.0	0.0	0,0,0
2927	0.16	0.25	0.17	226,294,351	0.0	0.0	0.0	0,0,0
2928	0.16	0.25	0.17	226,293,351	0.0	0.0	0.0	0,0,0
2929	0.18	0.30	0.18	274,293,351	0.0	0.0	0.0	0,0,0
2930	0.17	0.34	0.15	274,293,351	0.0	0.0	0.0	0,0,0
2931	0.17	0.54	0.15	202,201,347	0.25	0.19	0.0	201,327,0
2932	0.19	0.75	0.17	301,201,354	0.47	0.32	0.29	201,309,349
2933	0.18	0.56	0.18	237,202,352	0.31	0.0	0.0	201,0,0
2934	0.16	0.56	0.16	225,202,351	0.30	0.0	0.0	201,0,0
2935	0.18	0.38	0.19	225,202,347	0.0	0.0	0.0	0,0,0
2936	0.19	0.34	0.21	225,290,351	0.0	0.0	0.0	0,0,0
2937	0.20	0.34	0.22	226,290,351	0.0	0.0	0.0	0,0,0
2938	0.21	0.34	0.22	226,290,351	0.0	0.0	0.0	0,0,0
2939	0.21	0.35	0.21	226,290,351	0.0	0.0	0.0	0,0,0
2940	0.19	0.37	0.19	274,201,347	0.0	0.0	0.0	0,0,0
2941	0.16	0.55	0.16	274,202,351	0.29	0.0	0.0	203,0,0
2942	0.16	0.59	0.18	238,202,352	0.30	0.0	0.0	202,0,0
2943	0.13	0.44	0.12	301,203,354	0.21	0.0	0.0	201,0,0
2944	0.17	0.45	0.18	225,203,351	0.17	0.0	0.0	202,0,0
2945	0.20	0.39	0.21	225,202,351	0.0	0.0	0.0	0,0,0
2946	0.21	0.37	0.24	225,290,351	0.0	0.0	0.0	0,0,0
2947	0.22	0.38	0.25	226,290,351	0.0	0.0	0.0	0,0,0
2948	0.23	0.39	0.25	226,290,351	0.0	0.0	0.0	0,0,0
2949	0.23	0.38	0.24	226,290,351	0.0	0.0	0.0	0,0,0
2950	0.20	0.40	0.21	226,202,351	0.0	0.0	0.0	0,0,0
2951	0.16	0.47	0.18	226,202,351	0.18	0.0	0.0	202,0,0
2952	0.13	0.46	0.12	301,202,351	0.18	0.0	0.0	202,0,0
2953	0.12	0.35	0.12	301,201,354	0.0	0.0	0.0	0,0,0
2954	0.16	0.37	0.17	225,202,351	0.0	0.0	0.0	0,0,0
2955	0.21	0.37	0.22	225,202,351	0.0	0.0	0.0	0,0,0

Firmato digitalmente da: Fogli Massimo
Firmato il 10/10/2024 18:24
Serial#: 202265
...
Emesso da: ... Qualified Electronic ...

2956	0.22	0.38	0.25	225,292,351	0.0	0.0	0.0	0,0,0
2957	0.23	0.39	0.26	226,290,351	0.0	0.0	0.0	0,0,0
2958	0.24	0.40	0.26	226,290,351	0.0	0.0	0.0	0,0,0
2959	0.23	0.39	0.24	226,290,351	0.0	0.0	0.0	0,0,0
2960	0.21	0.39	0.22	226,202,351	0.0	0.0	0.0	0,0,0
2961	0.15	0.39	0.17	226,202,351	0.0	0.0	0.0	0,0,0
2962	0.12	0.37	0.12	301,202,354	0.0	0.0	0.0	0,0,0
2963	0.11	0.29	0.11	290,201,351	0.0	0.0	0.0	0,0,0
2964	0.16	0.32	0.16	290,203,351	0.0	0.0	0.0	0,0,0
2965	0.20	0.35	0.21	210,202,347	0.0	0.0	0.0	0,0,0
2966	0.22	0.36	0.25	290,186,351	0.0	0.0	0.0	0,0,0
2967	0.23	0.38	0.26	226,290,351	0.0	0.0	0.0	0,0,0
2968	0.24	0.39	0.26	226,290,351	0.0	0.0	0.0	0,0,0
2969	0.23	0.37	0.25	226,186,351	0.0	0.0	0.0	0,0,0
2970	0.20	0.36	0.21	289,202,347	0.0	0.0	0.0	0,0,0
2971	0.16	0.34	0.16	289,202,351	0.0	0.0	0.0	0,0,0
2972	0.11	0.31	0.11	289,202,351	0.0	0.0	0.0	0,0,0
2973	0.12	0.27	0.12	210,201,351	0.0	0.0	0.0	0,0,0
2974	0.17	0.29	0.17	186,201,347	0.0	0.0	0.0	0,0,0
2975	0.20	0.32	0.21	290,202,351	0.0	0.0	0.0	0,0,0
2976	0.21	0.32	0.23	290,186,351	0.0	0.0	0.0	0,0,0
2977	0.22	0.34	0.24	226,290,351	0.0	0.0	0.0	0,0,0
2978	0.22	0.35	0.24	226,290,351	0.0	0.0	0.0	0,0,0
2979	0.21	0.34	0.24	290,186,351	0.0	0.0	0.0	0,0,0
2980	0.19	0.33	0.21	289,202,351	0.0	0.0	0.0	0,0,0
2981	0.16	0.30	0.17	185,202,347	0.0	0.0	0.0	0,0,0
2982	0.12	0.27	0.12	289,202,354	0.0	0.0	0.0	0,0,0
2983	0.13	0.27	0.13	262,286,354	0.0	0.0	0.0	0,0,0
2984	0.16	0.27	0.16	290,201,351	0.0	0.0	0.0	0,0,0
2985	0.18	0.29	0.19	290,202,351	0.0	0.0	0.0	0,0,0
2986	0.18	0.29	0.20	290,202,351	0.0	0.0	0.0	0,0,0
2987	0.19	0.29	0.21	290,202,351	0.0	0.0	0.0	0,0,0
2988	0.19	0.29	0.21	290,202,347	0.0	0.0	0.0	0,0,0
2989	0.18	0.29	0.20	290,202,347	0.0	0.0	0.0	0,0,0
2990	0.18	0.30	0.20	290,202,351	0.0	0.0	0.0	0,0,0
2991	0.16	0.29	0.17	289,202,351	0.0	0.0	0.0	0,0,0
2992	0.13	0.26	0.13	261,202,354	0.0	0.0	0.0	0,0,0
2993	0.19	0.62	0.19	262,202,354	0.33	0.0	0.0	202,0,0
2994	0.17	0.48	0.18	262,202,354	0.0	0.0	0.0	0,0,0
2995	0.14	0.31	0.15	289,202,351	0.0	0.0	0.0	0,0,0
2996	0.15	0.27	0.16	186,202,347	0.0	0.0	0.0	0,0,0
2997	0.15	0.25	0.16	290,202,351	0.0	0.0	0.0	0,0,0
2998	0.15	0.25	0.16	290,201,351	0.0	0.0	0.0	0,0,0
2999	0.15	0.27	0.16	290,201,347	0.0	0.0	0.0	0,0,0
3000	0.14	0.30	0.15	290,201,347	0.0	0.0	0.0	0,0,0
3001	0.18	0.49	0.18	261,201,354	0.0	0.0	0.0	0,0,0
3002	0.19	0.62	0.19	261,201,354	0.33	0.0	0.0	201,0,0
3003	0.18	0.63	0.18	302,201,354	0.25	0.0	0.0	203,0,0
3004	0.13	0.55	0.12	273,202,347	0.0	0.0	0.0	0,0,0
3005	0.15	0.30	0.15	289,202,351	0.0	0.0	0.0	0,0,0
3006	0.15	0.23	0.16	289,202,351	0.0	0.0	0.0	0,0,0
3007	0.14	0.21	0.16	289,201,351	0.0	0.0	0.0	0,0,0
3008	0.14	0.21	0.16	290,201,351	0.0	0.0	0.0	0,0,0
3009	0.15	0.23	0.16	290,201,351	0.0	0.0	0.0	0,0,0
3010	0.14	0.30	0.15	290,201,351	0.0	0.0	0.0	0,0,0
3011	0.13	0.54	0.12	290,201,347	0.0	0.0	0.0	0,0,0
3012	0.18	0.63	0.18	301,202,354	0.25	0.0	0.0	203,0,0
3013	0.18	0.28	0.20	289,201,351	0.0	0.0	0.0	0,0,0
3014	0.17	0.31	0.18	289,203,351	0.0	0.0	0.0	0,0,0
3015	0.17	0.31	0.18	289,202,351	0.0	0.0	0.0	0,0,0
3016	0.18	0.26	0.20	225,202,351	0.0	0.0	0.0	0,0,0
3017	0.18	0.24	0.20	289,201,351	0.0	0.0	0.0	0,0,0
3018	0.18	0.25	0.20	290,201,351	0.0	0.0	0.0	0,0,0
3019	0.18	0.26	0.20	290,201,351	0.0	0.0	0.0	0,0,0
3020	0.16	0.31	0.18	290,201,351	0.0	0.0	0.0	0,0,0
3021	0.17	0.31	0.18	289,203,351	0.0	0.0	0.0	0,0,0
3022	0.18	0.28	0.19	289,202,351	0.0	0.0	0.0	0,0,0
3023	0.13	0.24	0.13	290,201,351	0.0	0.0	0.0	0,0,0

Firmato digitalmente da: Fogagni Massimo
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Serial Certificato: 2902265
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Firma Qualified Electronic

3024	0.18	0.27	0.19	289,203,351	0.0	0.0	0.0	0,0,0
3025	0.19	0.29	0.21	289,203,351	0.0	0.0	0.0	0,0,0
3026	0.21	0.29	0.23	225,203,351	0.0	0.0	0.0	0,0,0
3027	0.21	0.28	0.23	225,201,351	0.0	0.0	0.0	0,0,0
3028	0.20	0.28	0.23	289,201,351	0.0	0.0	0.0	0,0,0
3029	0.20	0.29	0.22	226,201,351	0.0	0.0	0.0	0,0,0
3030	0.19	0.29	0.21	290,201,351	0.0	0.0	0.0	0,0,0
3031	0.18	0.28	0.19	289,201,351	0.0	0.0	0.0	0,0,0
3032	0.13	0.24	0.13	289,202,354	0.0	0.0	0.0	0,0,0
3033	0.13	0.23	0.13	262,201,354	0.0	0.0	0.0	0,0,0
3034	0.17	0.28	0.18	290,203,351	0.0	0.0	0.0	0,0,0
3035	0.21	0.30	0.23	290,203,351	0.0	0.0	0.0	0,0,0
3036	0.22	0.31	0.25	225,203,351	0.0	0.0	0.0	0,0,0
3037	0.23	0.31	0.26	225,201,351	0.0	0.0	0.0	0,0,0
3038	0.23	0.31	0.26	225,201,351	0.0	0.0	0.0	0,0,0
3039	0.23	0.31	0.25	289,201,351	0.0	0.0	0.0	0,0,0
3040	0.21	0.30	0.23	289,201,351	0.0	0.0	0.0	0,0,0
3041	0.17	0.28	0.18	289,203,351	0.0	0.0	0.0	0,0,0
3042	0.13	0.23	0.13	261,202,354	0.0	0.0	0.0	0,0,0
3043	0.13	0.24	0.13	262,201,354	0.0	0.0	0.0	0,0,0
3044	0.17	0.28	0.18	290,203,351	0.0	0.0	0.0	0,0,0
3045	0.21	0.31	0.23	290,203,351	0.0	0.0	0.0	0,0,0
3046	0.23	0.31	0.25	290,201,351	0.0	0.0	0.0	0,0,0
3047	0.23	0.31	0.26	225,201,351	0.0	0.0	0.0	0,0,0
3048	0.23	0.31	0.26	225,201,351	0.0	0.0	0.0	0,0,0
3049	0.23	0.31	0.25	289,203,351	0.0	0.0	0.0	0,0,0
3050	0.21	0.31	0.23	289,203,351	0.0	0.0	0.0	0,0,0
3051	0.17	0.28	0.18	289,203,351	0.0	0.0	0.0	0,0,0
3052	0.13	0.24	0.13	261,202,354	0.0	0.0	0.0	0,0,0
3053	0.14	0.26	0.13	290,201,354	0.0	0.0	0.0	0,0,0
3054	0.18	0.30	0.19	290,203,351	0.0	0.0	0.0	0,0,0
3055	0.20	0.30	0.22	290,201,351	0.0	0.0	0.0	0,0,0
3056	0.20	0.31	0.23	290,201,351	0.0	0.0	0.0	0,0,0
3057	0.21	0.31	0.23	290,201,351	0.0	0.0	0.0	0,0,0
3058	0.21	0.31	0.23	289,203,351	0.0	0.0	0.0	0,0,0
3059	0.21	0.31	0.23	289,203,351	0.0	0.0	0.0	0,0,0
3060	0.20	0.30	0.22	289,202,351	0.0	0.0	0.0	0,0,0
3061	0.18	0.30	0.19	289,203,351	0.0	0.0	0.0	0,0,0
3062	0.14	0.26	0.14	289,202,354	0.0	0.0	0.0	0,0,0
3063	0.18	0.31	0.18	186,203,347	0.0	0.0	0.0	0,0,0
3064	0.17	0.30	0.17	290,201,351	0.0	0.0	0.0	0,0,0
3065	0.17	0.29	0.19	289,201,351	0.0	0.0	0.0	0,0,0
3066	0.18	0.29	0.20	289,201,351	0.0	0.0	0.0	0,0,0
3067	0.17	0.28	0.20	289,203,351	0.0	0.0	0.0	0,0,0
3068	0.17	0.28	0.20	290,203,351	0.0	0.0	0.0	0,0,0
3069	0.18	0.29	0.20	290,202,351	0.0	0.0	0.0	0,0,0
3070	0.17	0.29	0.19	290,202,351	0.0	0.0	0.0	0,0,0
3071	0.17	0.30	0.17	289,202,351	0.0	0.0	0.0	0,0,0
3072	0.18	0.31	0.18	185,202,347	0.0	0.0	0.0	0,0,0
3073	0.17	0.60	0.18	262,201,354	0.0	0.0	0.0	0,0,0
3074	0.13	0.47	0.13	301,202,354	0.0	0.0	0.0	0,0,0
3075	0.15	0.30	0.16	289,202,351	0.0	0.0	0.0	0,0,0
3076	0.15	0.27	0.16	289,202,351	0.0	0.0	0.0	0,0,0
3077	0.14	0.25	0.15	289,202,351	0.0	0.0	0.0	0,0,0
3078	0.14	0.25	0.15	290,201,351	0.0	0.0	0.0	0,0,0
3079	0.15	0.27	0.16	290,201,351	0.0	0.0	0.0	0,0,0
3080	0.15	0.30	0.16	290,201,351	0.0	0.0	0.0	0,0,0
3081	0.13	0.47	0.13	304,201,354	0.0	0.0	0.0	0,0,0
3082	0.17	0.60	0.18	261,202,354	0.0	0.0	0.0	0,0,0
3083	0.17	0.64	0.17	262,202,354	0.41	0.0	0.0	201,0,0
3084	0.16	0.53	0.16	262,202,354	0.0	0.0	0.0	0,0,0
3085	0.13	0.32	0.14	289,202,351	0.0	0.0	0.0	0,0,0
3086	0.13	0.27	0.14	289,201,351	0.0	0.0	0.0	0,0,0
3087	0.13	0.25	0.15	289,201,351	0.0	0.0	0.0	0,0,0
3088	0.13	0.25	0.15	290,202,351	0.0	0.0	0.0	0,0,0
3089	0.13	0.27	0.14	290,202,351	0.0	0.0	0.0	0,0,0
3090	0.13	0.31	0.14	290,201,351	0.0	0.0	0.0	0,0,0
3091	0.16	0.53	0.17	261,201,354	0.0	0.0	0.0	0,0,0

Firmato digitalmente da: Fogliani Massimo
Firmato il 10/10/2024 18:24
Serial Certificato: 2902265
Valido dal 07/09/2023 al 6/9/2026
Qualified Electronic Signature

3092	0.17	0.64	0.17	261,201,354	0.41	0.0	0.0	202,0,0
3093	0.14	0.33	0.13	262,203,354	0.0	0.0	0.0	0,0,0
3094	0.14	0.37	0.15	290,202,351	0.0	0.0	0.0	0,0,0
3095	0.16	0.35	0.17	290,202,351	0.0	0.0	0.0	0,0,0
3096	0.16	0.33	0.18	289,201,351	0.0	0.0	0.0	0,0,0
3097	0.17	0.32	0.19	289,201,351	0.0	0.0	0.0	0,0,0
3098	0.17	0.31	0.19	290,203,351	0.0	0.0	0.0	0,0,0
3099	0.16	0.33	0.18	290,203,351	0.0	0.0	0.0	0,0,0
3100	0.16	0.35	0.16	289,201,351	0.0	0.0	0.0	0,0,0
3101	0.14	0.37	0.14	289,201,351	0.0	0.0	0.0	0,0,0
3102	0.14	0.33	0.14	261,201,354	0.0	0.0	0.0	0,0,0
3103	0.13	0.35	0.12	262,187,354	0.0	0.0	0.0	0,0,0
3104	0.15	0.36	0.15	290,187,351	0.0	0.0	0.0	0,0,0
3105	0.18	0.38	0.20	290,187,351	0.0	0.0	0.0	0,0,0
3106	0.19	0.37	0.21	226,185,351	0.0	0.0	0.0	0,0,0
3107	0.20	0.36	0.22	225,203,351	0.0	0.0	0.0	0,0,0
3108	0.20	0.36	0.22	226,203,351	0.0	0.0	0.0	0,0,0
3109	0.19	0.37	0.21	225,187,351	0.0	0.0	0.0	0,0,0
3110	0.18	0.37	0.19	289,187,351	0.0	0.0	0.0	0,0,0
3111	0.15	0.36	0.15	289,187,351	0.0	0.0	0.0	0,0,0
3112	0.13	0.34	0.13	261,186,354	0.0	0.0	0.0	0,0,0
3113	0.12	0.37	0.11	262,187,354	0.0	0.0	0.0	0,0,0
3114	0.15	0.41	0.15	290,187,351	0.0	0.0	0.0	0,0,0
3115	0.19	0.43	0.21	228,187,351	0.0	0.0	0.0	0,0,0
3116	0.22	0.43	0.24	225,185,351	0.15	0.0	0.0	203,0,0
3117	0.22	0.41	0.24	225,185,351	0.14	0.0	0.0	201,0,0
3118	0.22	0.41	0.24	226,187,351	0.14	0.0	0.0	203,0,0
3119	0.21	0.42	0.24	226,187,351	0.15	0.0	0.0	203,0,0
3120	0.19	0.43	0.21	225,187,351	0.15	0.0	0.0	201,0,0
3121	0.15	0.41	0.16	289,187,351	0.0	0.0	0.0	0,0,0
3122	0.12	0.36	0.12	261,187,354	0.0	0.0	0.0	0,0,0
3123	0.11	0.42	0.11	262,187,354	0.0	0.0	0.0	0,0,0
3124	0.15	0.47	0.16	228,187,351	0.18	0.0	0.0	187,0,0
3125	0.20	0.48	0.22	225,187,351	0.15	0.0	0.0	203,0,0
3126	0.22	0.46	0.24	225,185,351	0.15	0.0	0.0	203,0,0
3127	0.22	0.43	0.24	225,185,351	0.15	0.0	0.0	201,0,0
3128	0.22	0.43	0.24	226,187,351	0.15	0.0	0.0	203,0,0
3129	0.22	0.45	0.24	226,187,351	0.15	0.0	0.0	203,0,0
3130	0.20	0.47	0.22	226,185,351	0.16	0.0	0.0	201,0,0
3131	0.15	0.47	0.16	225,185,351	0.18	0.0	0.0	185,0,0
3132	0.11	0.41	0.11	261,185,354	0.0	0.0	0.0	0,0,0
3133	0.10	0.50	0.11	228,186,354	0.19	0.0	0.0	186,0,0
3134	0.16	0.53	0.16	225,187,351	0.21	0.17	0.0	187,305,0
3135	0.19	0.49	0.21	225,185,351	0.19	0.0	0.0	185,0,0
3136	0.21	0.47	0.22	225,185,351	0.17	0.0	0.0	187,0,0
3137	0.20	0.44	0.22	225,185,351	0.16	0.0	0.0	187,0,0
3138	0.20	0.43	0.22	226,185,351	0.16	0.0	0.0	187,0,0
3139	0.20	0.46	0.22	226,187,351	0.17	0.0	0.0	185,0,0
3140	0.19	0.49	0.21	226,187,351	0.19	0.0	0.0	185,0,0
3141	0.16	0.53	0.17	228,185,351	0.21	0.16	0.0	185,305,0
3142	0.11	0.50	0.11	225,185,354	0.20	0.0	0.0	185,0,0
3143	0.16	0.60	0.17	289,186,351	0.24	0.20	0.18	186,305,347
3144	0.15	0.52	0.15	225,185,351	0.25	0.0	0.0	186,0,0
3145	0.16	0.50	0.17	225,185,351	0.20	0.0	0.0	185,0,0
3146	0.18	0.46	0.20	225,185,351	0.18	0.0	0.0	185,0,0
3147	0.18	0.41	0.19	289,185,351	0.0	0.0	0.0	0,0,0
3148	0.17	0.41	0.19	290,185,351	0.0	0.0	0.0	0,0,0
3149	0.17	0.45	0.20	226,185,351	0.18	0.0	0.0	185,0,0
3150	0.16	0.49	0.17	226,185,351	0.20	0.0	0.0	185,0,0
3151	0.15	0.52	0.15	228,185,351	0.25	0.0	0.0	185,0,0
3152	0.16	0.60	0.16	292,185,351	0.24	0.20	0.17	185,305,347
3153	0.17	0.66	0.16	302,185,354	0.49	0.39	0.33	185,327,347
3154	0.13	0.58	0.10	273,188,354	0.40	0.0	0.0	186,0,0
3155	0.14	0.52	0.14	289,185,351	0.30	0.0	0.0	186,0,0
3156	0.15	0.50	0.16	289,186,351	0.24	0.0	0.0	187,0,0
3157	0.14	0.48	0.15	289,186,351	0.21	0.0	0.0	185,0,0
3158	0.13	0.47	0.15	290,187,351	0.22	0.0	0.0	185,0,0
3159	0.15	0.48	0.16	290,187,351	0.24	0.0	0.0	185,0,0

Firmato digitalmente da: Fogli Massimo
Firmato il 5/10/2024 18:24
Serial Certificato: 2e2265
valido dal 07/09/2023 al
Qualified Electronic

3160	0.14	0.49	0.14	290,185,351	0.29	0.0	0.0	185,0,0
3161	0.12	0.58	0.10	274,185,354	0.40	0.0	0.0	185,0,0
3162	0.16	0.66	0.17	301,186,354	0.49	0.40	0.33	186,328,347
3163	0.16	0.75	0.15	262,186,354	0.58	0.50	0.48	187,305,347
3164	0.15	0.67	0.14	273,186,351	0.50	0.38	0.0	186,305,0
3165	0.14	0.57	0.14	289,186,351	0.30	0.22	0.17	187,305,347
3166	0.13	0.55	0.15	289,186,351	0.25	0.18	0.17	185,305,347
3167	0.14	0.54	0.15	290,186,351	0.24	0.18	0.17	185,305,347
3168	0.14	0.54	0.15	290,187,351	0.23	0.18	0.17	185,305,347
3169	0.13	0.54	0.15	290,187,351	0.24	0.18	0.17	187,305,347
3170	0.13	0.54	0.14	290,187,351	0.31	0.18	0.0	185,305,0
3171	0.14	0.72	0.14	289,185,351	0.50	0.40	0.0	185,327,0
3172	0.16	0.75	0.15	261,185,354	0.58	0.50	0.47	187,305,347
3173	0.11	0.66	0.10	302,186,354	0.46	0.38	0.36	186,305,347
3174	0.13	0.64	0.14	289,186,351	0.45	0.35	0.33	186,305,347
3175	0.16	0.58	0.18	289,185,351	0.38	0.0	0.0	186,0,0
3176	0.17	0.52	0.19	226,185,351	0.33	0.0	0.0	186,0,0
3177	0.18	0.49	0.20	226,185,351	0.30	0.0	0.0	186,0,0
3178	0.18	0.48	0.20	226,186,351	0.30	0.0	0.0	187,0,0
3179	0.18	0.50	0.19	226,186,351	0.31	0.0	0.0	187,0,0
3180	0.17	0.56	0.17	226,186,351	0.36	0.0	0.0	185,0,0
3181	0.13	0.61	0.14	290,185,351	0.45	0.35	0.33	185,305,347
3182	0.11	0.65	0.11	301,185,354	0.47	0.37	0.36	185,305,347
3183	0.10	0.70	0.09	302,186,354	0.51	0.43	0.42	186,305,347
3184	0.12	0.67	0.12	289,186,351	0.48	0.40	0.38	186,305,347
3185	0.17	0.61	0.19	225,185,351	0.42	0.33	0.30	186,305,347
3186	0.20	0.59	0.22	226,185,351	0.34	0.27	0.25	186,305,347
3187	0.22	0.57	0.24	226,185,351	0.30	0.24	0.22	186,305,347
3188	0.22	0.56	0.24	226,186,351	0.30	0.24	0.22	185,305,347
3189	0.21	0.58	0.22	226,186,351	0.33	0.26	0.25	185,305,347
3190	0.18	0.60	0.19	226,187,351	0.40	0.32	0.28	185,305,347
3191	0.11	0.65	0.12	290,185,351	0.48	0.39	0.37	185,305,347
3192	0.10	0.71	0.10	303,185,354	0.53	0.44	0.42	185,305,347
3193	0.08	0.72	0.09	185,185,348	0.53	0.44	0.43	186,305,347
3194	0.12	0.71	0.12	289,186,351	0.50	0.42	0.41	187,305,347
3195	0.18	0.63	0.19	225,186,351	0.44	0.35	0.33	186,305,347
3196	0.20	0.60	0.22	225,185,351	0.36	0.29	0.27	186,305,347
3197	0.22	0.57	0.24	226,186,351	0.31	0.25	0.24	187,305,347
3198	0.23	0.57	0.23	226,187,351	0.31	0.25	0.23	185,305,347
3199	0.22	0.59	0.22	226,186,351	0.36	0.29	0.27	185,305,347
3200	0.19	0.61	0.19	226,185,351	0.43	0.35	0.33	185,305,347
3201	0.13	0.70	0.12	274,185,351	0.52	0.42	0.41	185,305,347
3202	0.08	0.73	0.09	185,185,348	0.54	0.45	0.43	185,305,347
3203	0.10	0.76	0.12	189,185,348	0.51	0.43	0.42	186,305,347
3204	0.13	0.72	0.13	225,186,347	0.49	0.41	0.40	186,305,347
3205	0.18	0.72	0.19	225,186,351	0.45	0.37	0.35	186,305,347
3206	0.21	0.58	0.23	225,187,351	0.40	0.32	0.31	186,305,347
3207	0.23	0.57	0.24	226,186,351	0.36	0.29	0.27	187,305,347
3208	0.23	0.56	0.24	226,186,351	0.36	0.28	0.27	185,305,347
3209	0.22	0.59	0.22	226,185,351	0.40	0.33	0.31	185,305,347
3210	0.20	0.71	0.19	226,185,351	0.44	0.36	0.34	185,305,347
3211	0.15	0.72	0.13	274,185,347	0.51	0.42	0.41	185,305,347
3212	0.11	0.76	0.12	281,185,348	0.51	0.45	0.43	185,305,347
3213	0.12	0.76	0.14	189,186,348	0.46	0.42	0.40	186,305,347
3214	0.14	0.71	0.14	225,186,351	0.46	0.39	0.38	186,305,347
3215	0.18	0.66	0.19	225,186,351	0.40	0.33	0.32	186,305,347
3216	0.19	0.67	0.21	226,185,351	0.38	0.31	0.28	186,305,347
3217	0.21	0.63	0.22	226,185,351	0.35	0.27	0.25	186,305,347
3218	0.21	0.63	0.21	226,185,351	0.34	0.27	0.25	187,305,347
3219	0.22	0.67	0.21	226,185,351	0.35	0.27	0.26	187,305,347
3220	0.20	0.67	0.18	274,185,351	0.37	0.31	0.29	185,305,347
3221	0.16	0.71	0.13	274,185,351	0.45	0.38	0.37	185,305,347
3222	0.14	0.76	0.14	281,185,348	0.46	0.42	0.40	185,305,347
3223	0.16	0.75	0.17	227,186,354	0.39	0.39	0.37	186,305,347
3224	0.13	0.76	0.13	225,186,348	0.43	0.38	0.36	186,305,347
3225	0.15	0.63	0.14	225,186,351	0.39	0.32	0.31	186,305,347
3226	0.15	0.60	0.16	226,185,351	0.33	0.24	0.23	186,305,347
3227	0.17	0.59	0.17	226,185,351	0.28	0.22	0.21	187,305,347

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3228	0.18	0.59	0.16	226,185,351	0.28	0.22	0.21	186,305,347
3229	0.20	0.60	0.16	274,185,351	0.31	0.24	0.23	188,305,347
3230	0.19	0.63	0.13	274,185,348	0.36	0.30	0.29	185,305,347
3231	0.17	0.69	0.13	274,187,348	0.39	0.34	0.32	185,305,347
3232	0.18	0.75	0.17	226,185,354	0.39	0.38	0.37	185,305,347
3233	0.21	0.78	0.22	262,186,354	0.47	0.38	0.37	186,305,347
3234	0.19	0.78	0.23	262,186,348	0.52	0.46	0.36	186,328,347
3235	0.19	0.59	0.23	190,186,348	0.38	0.32	0.26	186,328,347
3236	0.22	0.57	0.26	185,185,347	0.28	0.23	0.21	186,328,347
3237	0.24	0.58	0.27	185,185,347	0.25	0.20	0.19	185,305,347
3238	0.25	0.61	0.28	185,185,347	0.26	0.21	0.20	185,305,347
3239	0.23	0.58	0.25	185,185,347	0.29	0.21	0.20	185,305,347
3240	0.21	0.57	0.23	189,185,348	0.40	0.30	0.25	185,327,347
3241	0.21	0.62	0.22	189,185,348	0.43	0.35	0.28	185,327,347
3242	0.23	0.78	0.23	261,201,354	0.42	0.35	0.31	185,327,347
3243	0.13	0.67	0.14	237,186,348	0.44	0.40	0.30	186,328,347
3244	0.21	0.60	0.23	185,185,348	0.35	0.28	0.25	185,327,347
3245	0.19	0.60	0.14	274,185,348	0.35	0.32	0.29	187,327,347
3246	0.25	0.59	0.28	185,185,347	0.27	0.22	0.20	187,305,347
3247	0.27	0.62	0.31	185,185,347	0.25	0.22	0.21	185,305,347
3248	0.27	0.60	0.30	185,185,347	0.28	0.21	0.21	186,305,347
3249	0.24	0.56	0.28	185,186,347	0.31	0.21	0.20	186,305,347
3250	0.19	0.61	0.24	188,186,347	0.40	0.30	0.26	186,328,347
3251	0.25	0.77	0.23	285,185,354	0.46	0.40	0.40	185,305,347
3252	0.20	0.77	0.21	302,186,354	0.45	0.39	0.39	186,305,347
3253	0.16	0.63	0.16	262,186,354	0.46	0.37	0.35	186,305,347
3254	0.16	0.61	0.16	274,185,348	0.38	0.32	0.30	185,305,347
3255	0.17	0.62	0.16	285,185,354	0.45	0.37	0.34	185,305,347
3256	0.18	0.59	0.20	185,185,347	0.33	0.21	0.20	187,316,351
3257	0.19	0.54	0.21	185,185,347	0.28	0.18	0.18	185,305,347
3258	0.19	0.55	0.22	185,185,347	0.27	0.19	0.18	186,305,347
3259	0.17	0.60	0.20	185,186,347	0.36	0.24	0.21	186,328,347
3260	0.14	0.62	0.17	192,186,348	0.40	0.33	0.30	186,328,347
3261	0.25	0.64	0.24	285,185,354	0.47	0.38	0.36	185,305,347
3262	0.22	0.65	0.22	302,186,354	0.48	0.39	0.37	186,305,347
3263	0.17	0.63	0.17	262,186,354	0.41	0.33	0.31	186,305,347
3264	0.14	0.63	0.13	274,185,348	0.38	0.31	0.29	187,305,347
3265	0.17	0.63	0.18	261,185,354	0.41	0.33	0.31	185,305,347
3266	0.13	0.62	0.15	274,185,348	0.35	0.27	0.26	185,305,347
3267	0.14	0.57	0.16	185,185,347	0.28	0.20	0.19	185,305,347
3268	0.14	0.58	0.16	185,186,347	0.29	0.21	0.20	186,305,347
3269	0.13	0.62	0.15	249,186,347	0.34	0.27	0.25	186,305,347
3270	0.12	0.63	0.13	262,186,348	0.38	0.31	0.29	186,305,347
3271	0.24	0.62	0.24	285,185,354	0.45	0.35	0.33	185,305,347
3272	0.22	0.63	0.23	302,186,354	0.45	0.36	0.34	186,305,347
3273	0.17	0.63	0.17	262,186,354	0.38	0.31	0.29	186,305,347
3274	0.13	0.64	0.13	261,185,354	0.38	0.31	0.30	185,305,347
3275	0.17	0.63	0.18	261,185,354	0.39	0.31	0.29	185,305,347
3276	0.13	0.63	0.12	274,185,348	0.36	0.29	0.28	186,305,347
3277	0.12	0.60	0.13	225,185,347	0.30	0.21	0.20	185,305,347
3278	0.12	0.61	0.13	225,186,347	0.26	0.23	0.22	210,305,347
3279	0.11	0.64	0.13	252,186,348	0.36	0.29	0.28	186,305,347
3280	0.13	0.64	0.13	262,186,354	0.38	0.31	0.30	186,305,347
3281	0.23	0.62	0.24	285,185,354	0.42	0.32	0.30	185,305,347
3282	0.22	0.62	0.23	302,186,354	0.40	0.32	0.31	188,305,347
3283	0.17	0.63	0.17	262,186,354	0.38	0.31	0.29	186,305,347
3284	0.13	0.64	0.13	261,185,354	0.40	0.32	0.30	185,305,347
3285	0.17	0.64	0.18	301,185,354	0.39	0.31	0.29	185,305,347
3286	0.11	0.65	0.11	274,185,348	0.38	0.31	0.29	185,305,347
3287	0.10	0.59	0.11	274,185,348	0.29	0.24	0.20	185,305,347
3288	0.10	0.58	0.11	249,186,348	0.28	0.21	0.20	186,305,347
3289	0.11	0.65	0.11	262,186,348	0.37	0.30	0.29	186,305,347
3290	0.13	0.64	0.13	262,186,354	0.39	0.32	0.30	186,305,347
3291	0.23	0.62	0.24	285,185,354	0.41	0.31	0.30	185,327,347
3292	0.21	0.62	0.22	302,186,354	0.38	0.31	0.29	188,305,347
3293	0.17	0.63	0.17	262,186,354	0.38	0.31	0.29	186,305,347
3294	0.13	0.65	0.14	263,185,354	0.41	0.32	0.30	185,305,347
3295	0.16	0.64	0.18	263,185,354	0.40	0.31	0.30	185,305,347

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3296	0.12	0.65	0.12	263,185,348	0.38	0.31	0.30	185,305,347
3297	0.10	0.53	0.11	261,185,348	0.27	0.18	0.17	185,305,347
3298	0.10	0.53	0.11	262,186,348	0.26	0.18	0.17	186,305,347
3299	0.12	0.65	0.11	262,186,348	0.37	0.30	0.29	188,305,347
3300	0.14	0.64	0.14	262,186,354	0.39	0.32	0.30	186,305,347
3301	0.21	0.64	0.23	301,185,354	0.42	0.33	0.30	185,327,347
3302	0.21	0.63	0.22	302,186,354	0.38	0.31	0.30	186,305,347
3303	0.17	0.63	0.17	262,186,354	0.38	0.31	0.29	186,305,347
3304	0.14	0.64	0.15	263,185,354	0.40	0.31	0.29	185,305,347
3305	0.16	0.64	0.18	263,185,354	0.42	0.33	0.30	185,327,347
3306	0.13	0.64	0.14	262,187,348	0.38	0.30	0.28	185,305,347
3307	0.11	0.49	0.14	190,185,348	0.19	0.16	0.0	185,305,0
3308	0.11	0.49	0.13	190,186,348	0.19	0.16	0.0	186,305,0
3309	0.13	0.64	0.14	262,186,348	0.36	0.29	0.27	185,305,347
3310	0.15	0.64	0.15	262,186,354	0.37	0.30	0.28	188,305,347
3311	0.19	0.65	0.21	301,185,354	0.43	0.34	0.31	185,327,347
3312	0.19	0.64	0.20	302,186,354	0.39	0.32	0.30	186,305,347
3313	0.18	0.63	0.19	286,186,354	0.43	0.35	0.33	186,305,347
3314	0.16	0.62	0.18	190,186,354	0.35	0.26	0.23	185,305,347
3315	0.16	0.63	0.19	262,187,354	0.45	0.37	0.33	185,327,347
3316	0.16	0.63	0.19	190,187,348	0.34	0.27	0.23	185,305,347
3317	0.16	0.44	0.18	190,187,348	0.17	0.0	0.0	187,0,0
3318	0.14	0.45	0.17	190,186,348	0.17	0.0	0.0	186,0,0
3319	0.16	0.62	0.18	190,186,348	0.33	0.26	0.25	185,305,347
3320	0.17	0.62	0.18	262,186,354	0.33	0.26	0.23	188,305,349
3321	0.17	0.78	0.18	262,185,354	0.49	0.43	0.39	185,327,347
3322	0.18	0.78	0.18	302,186,354	0.49	0.43	0.38	186,328,347
3323	0.15	0.62	0.15	262,186,354	0.31	0.25	0.24	186,305,347
3324	0.16	0.65	0.17	190,185,354	0.40	0.32	0.30	185,305,347
3325	0.15	0.63	0.16	263,185,354	0.34	0.28	0.24	185,327,347
3326	0.17	0.63	0.19	262,187,354	0.34	0.27	0.23	185,327,347
3327	0.13	0.25	0.14	263,187,348	0.0	0.0	0.0	0,0,0
3328	0.15	0.30	0.15	262,186,354	0.0	0.0	0.0	0,0,0
3329	0.19	0.63	0.19	262,186,354	0.40	0.32	0.31	188,305,347
3330	0.17	0.64	0.18	262,186,354	0.35	0.28	0.26	188,305,347
3331	0.14	0.57	0.14	301,185,354	0.38	0.36	0.29	273,327,347
3332	0.13	0.57	0.13	302,188,347	0.38	0.35	0.29	274,328,347
3333	0.12	0.65	0.12	262,186,348	0.37	0.30	0.28	188,305,347
3335	0.12	0.66	0.13	285,185,348	0.37	0.30	0.29	185,305,347
3336	0.20	0.75	0.19	263,185,354	0.45	0.36	0.34	185,305,347
3337	0.10	0.12	0.10	303,301,347	0.0	0.0	0.0	0,0,0
3338	0.10	0.12	0.10	303,303,347	0.0	0.0	0.0	0,0,0
3339	0.11	0.28	0.09	262,251,354	0.0	0.0	0.0	0,0,0
3340	0.17	0.70	0.16	262,185,354	0.48	0.39	0.38	186,305,347
3341	0.18	0.62	0.18	269,185,354	0.36	0.27	0.25	185,305,347
3342	0.18	0.64	0.18	270,186,354	0.35	0.27	0.25	188,305,347
3343	0.12	0.67	0.13	270,186,348	0.41	0.34	0.32	185,305,347
3344	0.10	0.71	0.10	261,188,348	0.49	0.41	0.38	185,305,347
3345	0.11	0.68	0.13	269,185,348	0.43	0.35	0.33	185,305,347
3346	0.15	0.77	0.18	190,188,348	0.52	0.43	0.41	186,305,347
3347	0.20	0.63	0.20	269,185,354	0.30	0.23	0.21	188,305,347
3348	0.19	0.63	0.20	270,186,354	0.30	0.23	0.21	186,305,347
3349	0.11	0.68	0.12	270,186,354	0.39	0.32	0.30	185,305,347
3350	0.09	0.73	0.10	261,186,348	0.51	0.42	0.40	187,305,347
3351	0.11	0.68	0.13	269,185,348	0.39	0.32	0.30	186,305,347
3352	0.10	0.74	0.09	262,185,348	0.51	0.43	0.41	186,305,347
3353	0.21	0.61	0.22	269,185,354	0.30	0.22	0.20	185,305,347
3354	0.21	0.61	0.22	270,186,354	0.29	0.21	0.20	186,305,347
3355	0.12	0.64	0.12	262,186,354	0.37	0.30	0.28	185,305,347
3356	0.10	0.68	0.07	261,186,348	0.50	0.40	0.38	187,305,347
3357	0.12	0.64	0.12	261,185,348	0.37	0.30	0.28	186,305,347
3358	0.10	0.72	0.07	262,185,348	0.50	0.41	0.40	186,305,347
3359	0.21	0.57	0.22	269,185,354	0.28	0.20	0.18	185,315,347
3360	0.21	0.57	0.22	270,186,354	0.28	0.20	0.19	186,315,347
3361	0.12	0.56	0.12	262,186,354	0.34	0.27	0.26	187,305,347
3362	0.14	0.69	0.07	261,291,349	0.41	0.36	0.32	186,315,347
3363	0.12	0.54	0.12	261,185,354	0.32	0.26	0.25	185,305,347
3364	0.14	0.69	0.07	262,289,349	0.43	0.38	0.35	187,315,347

Firmato digitalmente da: Fogli Massimo
Firmato il 1/3/2024 18:24
Serial Certificato: 2e2e35
Valido dal 07/09/2023 al 07/09/2026
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3365	0.21	0.54	0.21	269,185,354	0.26	0.22	0.17	186,315,347
3366	0.21	0.53	0.21	270,186,354	0.26	0.22	0.17	186,315,347
3367	0.12	0.52	0.10	262,226,354	0.30	0.25	0.0	185,315,0
3368	0.11	0.52	0.07	261,227,354	0.32	0.26	0.0	187,315,0
3369	0.12	0.51	0.10	261,226,354	0.30	0.24	0.0	186,315,0
3370	0.11	0.51	0.10	202,226,349	0.33	0.25	0.0	185,315,0
3371	0.08	0.22	0.08	202,201,349	0.0	0.0	0.0	0,0,0
3372	0.08	0.21	0.08	201,204,349	0.0	0.0	0.0	0,0,0
3373	0.12	0.54	0.10	201,289,349	0.37	0.30	0.0	186,315,0
3374	0.12	0.60	0.07	262,227,349	0.40	0.32	0.30	187,315,347
3375	0.19	0.48	0.19	269,227,354	0.25	0.21	0.0	187,315,0
3376	0.18	0.48	0.19	270,226,354	0.25	0.21	0.0	187,315,0
3377	0.13	0.55	0.12	262,274,354	0.28	0.19	0.17	290,315,347
3378	0.13	0.53	0.14	270,227,354	0.28	0.24	0.0	185,315,0
3379	0.13	0.49	0.12	261,273,354	0.25	0.18	0.16	225,315,347
3380	0.13	0.51	0.14	270,186,348	0.25	0.18	0.0	185,315,0
3381	0.13	0.32	0.14	270,186,348	0.0	0.0	0.0	0,0,0
3382	0.13	0.33	0.14	270,186,348	0.0	0.0	0.0	0,0,0
3383	0.13	0.52	0.14	270,186,348	0.26	0.19	0.16	187,315,347
3384	0.12	0.55	0.14	270,226,354	0.28	0.25	0.17	187,315,347
3385	0.13	0.57	0.14	301,273,354	0.48	0.42	0.0	185,327,0
3386	0.14	0.59	0.14	302,274,354	0.50	0.42	0.0	186,328,0
3387	0.14	0.57	0.15	270,226,354	0.37	0.30	0.24	290,328,351
3388	0.16	0.48	0.17	270,226,354	0.22	0.17	0.15	185,315,347
3389	0.14	0.49	0.15	270,289,354	0.38	0.33	0.23	289,327,351
3390	0.16	0.47	0.17	270,186,354	0.18	0.16	0.0	186,315,0
3391	0.15	0.38	0.17	270,186,354	0.14	0.0	0.0	186,0,0
3392	0.16	0.37	0.17	270,187,354	0.13	0.0	0.0	187,0,0
3393	0.15	0.47	0.17	270,187,354	0.18	0.17	0.15	187,315,347
3394	0.15	0.50	0.17	270,227,354	0.23	0.18	0.16	209,315,347
3395	0.13	0.67	0.13	302,290,354	0.52	0.48	0.37	274,328,351
3396	0.11	0.42	0.11	232,188,349	0.0	0.0	0.0	0,0,0
3397	0.12	0.69	0.13	301,289,354	0.52	0.48	0.38	273,327,351
3398	0.13	0.50	0.13	302,226,354	0.29	0.24	0.21	290,315,351
3399	0.12	0.48	0.12	262,227,354	0.26	0.22	0.0	289,315,0
3400	0.12	0.47	0.13	262,227,354	0.30	0.23	0.21	289,327,351
3401	0.12	0.44	0.11	262,226,354	0.17	0.0	0.0	226,0,0
3402	0.11	0.35	0.11	262,226,354	0.0	0.0	0.0	0,0,0
3403	0.11	0.35	0.11	262,227,354	0.0	0.0	0.0	0,0,0
3404	0.12	0.45	0.11	262,227,354	0.17	0.0	0.0	227,0,0
3405	0.13	0.51	0.12	262,226,354	0.26	0.23	0.0	291,315,0
3406	0.15	0.47	0.14	286,226,354	0.28	0.23	0.21	291,315,347
3407	0.08	0.05	0.08	186,186,347	0.0	0.0	0.0	0,0,0
3408	0.14	0.43	0.14	285,227,354	0.29	0.23	0.20	289,327,351
3409	0.13	0.47	0.13	262,226,354	0.26	0.21	0.20	291,315,351
3410	0.12	0.48	0.11	262,227,354	0.27	0.21	0.0	289,315,0
3411	0.12	0.46	0.13	262,227,354	0.26	0.21	0.19	289,315,351
3412	0.11	0.44	0.10	262,227,351	0.17	0.0	0.0	227,0,0
3413	0.10	0.35	0.10	230,227,347	0.0	0.0	0.0	0,0,0
3414	0.10	0.36	0.10	262,227,347	0.0	0.0	0.0	0,0,0
3415	0.11	0.45	0.09	262,226,351	0.17	0.0	0.0	226,0,0
3416	0.12	0.50	0.11	262,226,354	0.27	0.22	0.0	291,315,0
3417	0.16	0.46	0.16	286,226,354	0.26	0.22	0.20	291,315,351
3418	0.08	0.05	0.08	185,185,347	0.0	0.0	0.0	0,0,0
3419	0.16	0.42	0.15	285,227,354	0.28	0.23	0.20	289,327,351
3420	0.13	0.46	0.13	262,226,354	0.26	0.21	0.20	291,315,351
3421	0.13	0.48	0.11	261,225,354	0.27	0.21	0.0	289,315,0
3422	0.13	0.46	0.13	261,225,354	0.26	0.21	0.20	289,327,351
3423	0.12	0.45	0.10	261,225,347	0.17	0.0	0.0	225,0,0
3424	0.11	0.37	0.11	230,227,347	0.0	0.0	0.0	0,0,0
3425	0.11	0.38	0.11	230,186,347	0.0	0.0	0.0	0,0,0
3426	0.12	0.45	0.10	262,226,351	0.18	0.0	0.0	226,0,0
3427	0.12	0.48	0.11	262,226,354	0.27	0.21	0.0	290,315,0
3428	0.16	0.45	0.15	286,218,354	0.25	0.21	0.20	291,317,351
3429	0.15	0.63	0.13	201,289,349	0.40	0.34	0.32	187,315,347
3430	0.18	0.45	0.16	285,217,354	0.26	0.21	0.20	289,327,351
3431	0.13	0.45	0.14	262,226,354	0.26	0.22	0.20	289,317,351
3432	0.14	0.46	0.12	261,225,354	0.27	0.21	0.19	289,317,351

Firmato digitalmente da: Fogli Massimo
Firmato il 5/7/2024 18:24
Serial Certificato: 2702255
Valido dal 07/09/2023 al
Qualified Electronic

3433	0.15	0.44	0.14	285,225,354	0.26	0.22	0.20	289,317,351
3434	0.13	0.44	0.10	261,225,354	0.17	0.0	0.0	225,0,0
3435	0.13	0.40	0.11	261,225,347	0.15	0.0	0.0	225,0,0
3436	0.13	0.40	0.11	261,227,347	0.0	0.0	0.0	0,0,0
3437	0.13	0.45	0.10	263,226,354	0.17	0.0	0.0	226,0,0
3438	0.13	0.46	0.12	263,226,354	0.27	0.21	0.19	290,317,351
3439	0.16	0.45	0.16	286,218,354	0.25	0.21	0.20	291,317,351
3440	0.11	0.53	0.07	262,226,354	0.33	0.26	0.0	185,315,0
3441	0.19	0.45	0.17	285,217,354	0.26	0.22	0.20	289,327,351
3442	0.14	0.43	0.15	262,226,354	0.27	0.22	0.21	291,317,351
3443	0.16	0.44	0.14	261,225,354	0.25	0.20	0.18	291,327,351
3444	0.18	0.44	0.15	285,225,354	0.27	0.22	0.21	289,317,351
3445	0.17	0.44	0.13	261,225,354	0.20	0.14	0.0	289,315,0
3446	0.17	0.44	0.13	261,225,354	0.16	0.0	0.0	225,0,0
3447	0.16	0.42	0.13	261,227,354	0.16	0.0	0.0	227,0,0
3448	0.15	0.41	0.13	261,227,354	0.21	0.14	0.0	210,315,0
3449	0.15	0.44	0.14	263,226,354	0.26	0.20	0.19	290,317,351
3450	0.16	0.43	0.17	270,218,354	0.27	0.23	0.21	289,317,351
3451	0.18	0.76	0.17	263,185,354	0.54	0.42	0.40	185,305,347
3452	0.21	0.43	0.17	285,217,354	0.27	0.23	0.21	289,317,351
3453	0.16	0.43	0.18	302,226,354	0.29	0.23	0.22	290,317,351
3454	0.20	0.46	0.20	261,225,354	0.22	0.18	0.14	290,317,351
3455	0.20	0.45	0.19	285,225,354	0.28	0.23	0.22	289,317,351
3456	0.22	0.50	0.21	261,225,354	0.18	0.17	0.15	225,315,351
3457	0.22	0.48	0.21	261,225,354	0.17	0.17	0.14	225,315,351
3458	0.21	0.47	0.21	261,225,354	0.17	0.17	0.14	227,315,351
3459	0.20	0.45	0.20	261,227,354	0.20	0.16	0.14	290,315,351
3460	0.18	0.44	0.20	263,227,354	0.22	0.18	0.17	290,328,351
3461	0.17	0.43	0.18	270,218,354	0.29	0.24	0.23	291,317,351
3463	0.21	0.43	0.18	285,217,354	0.29	0.24	0.23	291,317,351
3464	0.24	0.49	0.26	270,219,354	0.33	0.27	0.19	186,328,347
3465	0.27	0.51	0.28	269,217,354	0.19	0.19	0.17	217,327,351
3466	0.25	0.47	0.24	285,217,354	0.29	0.24	0.19	209,315,347
3467	0.28	0.51	0.29	269,217,354	0.18	0.19	0.14	217,327,351
3468	0.28	0.51	0.30	269,217,354	0.18	0.19	0.0	217,327,0
3469	0.28	0.51	0.30	269,217,354	0.18	0.19	0.0	217,327,0
3470	0.27	0.51	0.30	269,217,354	0.18	0.19	0.17	217,317,351
3471	0.25	0.48	0.27	269,219,354	0.20	0.18	0.16	290,328,351
3472	0.19	0.65	0.20	302,186,354	0.40	0.37	0.30	186,328,347
3473	0.09	0.67	0.10	262,186,348	0.47	0.37	0.35	188,305,347
3474	0.23	0.62	0.20	285,185,354	0.34	0.32	0.24	273,327,347
3475	0.22	0.48	0.24	271,219,354	0.32	0.30	0.20	186,328,347
3476	0.26	0.48	0.26	269,217,354	0.20	0.18	0.15	187,327,347
3477	0.23	0.45	0.23	269,217,354	0.29	0.24	0.20	289,327,347
3478	0.27	0.51	0.28	269,217,354	0.18	0.19	0.14	217,327,351
3479	0.28	0.51	0.29	269,217,354	0.19	0.20	0.0	217,327,0
3480	0.28	0.49	0.29	269,217,354	0.17	0.18	0.0	217,327,0
3481	0.27	0.49	0.29	269,219,354	0.18	0.18	0.15	290,317,351
3482	0.25	0.50	0.28	269,218,354	0.21	0.18	0.17	187,317,351
3483	0.17	0.61	0.18	263,290,354	0.39	0.36	0.28	274,328,351
3484	0.10	0.67	0.07	261,226,354	0.45	0.36	0.34	186,305,347
3485	0.19	0.58	0.18	285,289,354	0.32	0.29	0.25	217,327,351
3486	0.16	0.42	0.17	303,258,354	0.28	0.24	0.22	291,315,351
3487	0.18	0.42	0.18	285,289,354	0.22	0.18	0.16	187,317,347
3488	0.18	0.44	0.18	301,217,354	0.28	0.25	0.22	291,315,351
3489	0.19	0.45	0.20	285,289,354	0.18	0.16	0.13	290,327,351
3490	0.19	0.44	0.20	285,289,354	0.17	0.16	0.0	289,327,0
3491	0.19	0.44	0.20	269,289,354	0.16	0.15	0.0	289,327,0
3492	0.19	0.45	0.20	269,291,354	0.17	0.15	0.14	290,317,351
3493	0.18	0.45	0.20	269,291,354	0.22	0.18	0.16	290,328,351
3494	0.16	0.47	0.17	262,258,354	0.30	0.26	0.25	290,315,351
3495	0.14	0.65	0.10	263,290,349	0.31	0.31	0.25	187,315,347
3496	0.20	0.48	0.17	285,257,354	0.29	0.26	0.25	291,315,351
3497	0.15	0.44	0.14	302,218,354	0.27	0.22	0.21	291,315,351
3498	0.13	0.41	0.13	301,290,354	0.25	0.20	0.0	289,317,0
3499	0.17	0.45	0.14	285,217,354	0.27	0.23	0.21	291,317,351
3500	0.13	0.38	0.12	301,290,354	0.14	0.0	0.0	273,0,0
3501	0.12	0.36	0.12	265,290,354	0.0	0.0	0.0	0,0,0

Firmato digitalmente da: Cervini Massimo
Firmato il 21/12/2024 18:24
Seriale Certificato: 2782565
Valido dal 01/09/2023 al 01/09/2026
InfoCert Qualified Electronic Signature CA

3502	0.12	0.36	0.12	265,290,354	0.0	0.0	0.0	0,0,0
3503	0.12	0.37	0.12	301,290,354	0.0	0.0	0.0	0,0,0
3504	0.12	0.38	0.13	302,289,354	0.26	0.20	0.0	290,317,0
3505	0.19	0.49	0.18	262,218,354	0.29	0.24	0.23	291,317,351
3506	0.13	0.66	0.06	262,227,349	0.39	0.35	0.31	187,315,347
3507	0.21	0.50	0.19	285,217,354	0.29	0.25	0.23	291,328,351
3508	0.17	0.49	0.15	286,218,354	0.27	0.22	0.20	289,317,351
3509	0.13	0.41	0.12	301,273,354	0.25	0.0	0.0	289,0,0
3510	0.17	0.50	0.15	285,217,354	0.27	0.22	0.20	291,327,351
3511	0.12	0.40	0.10	274,290,351	0.0	0.0	0.0	0,0,0
3512	0.12	0.38	0.11	274,290,351	0.0	0.0	0.0	0,0,0
3513	0.11	0.37	0.11	290,290,351	0.0	0.0	0.0	0,0,0
3514	0.10	0.39	0.10	302,289,351	0.0	0.0	0.0	0,0,0
3515	0.12	0.40	0.12	302,289,354	0.25	0.0	0.0	290,0,0
3516	0.21	0.53	0.20	262,218,354	0.28	0.23	0.22	289,317,351
3517	0.10	0.20	0.09	201,292,349	0.0	0.0	0.0	0,0,0
3518	0.22	0.53	0.21	261,217,354	0.27	0.23	0.22	289,317,351
3519	0.17	0.53	0.16	286,274,354	0.27	0.21	0.0	290,315,0
3520	0.13	0.44	0.12	301,273,354	0.0	0.0	0.0	0,0,0
3521	0.17	0.54	0.16	285,225,354	0.27	0.22	0.0	289,327,0
3522	0.12	0.40	0.10	274,290,351	0.0	0.0	0.0	0,0,0
3523	0.12	0.37	0.11	290,290,351	0.0	0.0	0.0	0,0,0
3524	0.11	0.36	0.11	290,291,351	0.0	0.0	0.0	0,0,0
3525	0.10	0.40	0.10	302,289,351	0.0	0.0	0.0	0,0,0
3526	0.14	0.46	0.12	286,274,354	0.0	0.0	0.0	0,0,0
3527	0.22	0.55	0.21	262,218,354	0.28	0.23	0.21	289,317,351
3528	0.31	0.70	0.29	262,204,354	0.40	0.32	0.30	186,328,347
3529	0.22	0.55	0.21	261,217,354	0.27	0.23	0.22	289,327,351
3530	0.18	0.53	0.17	286,274,354	0.27	0.21	0.0	290,328,0
3531	0.13	0.44	0.13	301,273,354	0.0	0.0	0.0	0,0,0
3532	0.17	0.53	0.17	285,225,354	0.27	0.17	0.0	289,335,0
3533	0.11	0.38	0.10	202,290,351	0.0	0.0	0.0	0,0,0
3534	0.11	0.35	0.10	202,290,351	0.0	0.0	0.0	0,0,0
3535	0.11	0.34	0.10	202,289,351	0.0	0.0	0.0	0,0,0
3536	0.11	0.38	0.10	302,289,351	0.0	0.0	0.0	0,0,0
3537	0.14	0.47	0.13	286,274,354	0.0	0.0	0.0	0,0,0
3538	0.22	0.53	0.21	262,218,354	0.29	0.24	0.20	291,317,351
3539	0.12	0.29	0.10	261,251,354	0.0	0.0	0.0	0,0,0
3540	0.22	0.54	0.21	261,217,354	0.29	0.23	0.21	289,327,351
3541	0.18	0.52	0.16	286,274,354	0.29	0.23	0.0	290,328,0
3542	0.13	0.44	0.13	301,273,354	0.0	0.0	0.0	0,0,0
3543	0.16	0.48	0.16	301,225,354	0.30	0.24	0.0	289,327,0
3544	0.12	0.34	0.13	301,290,354	0.0	0.0	0.0	0,0,0
3545	0.13	0.31	0.13	302,290,354	0.0	0.0	0.0	0,0,0
3546	0.13	0.31	0.13	302,289,354	0.0	0.0	0.0	0,0,0
3547	0.13	0.34	0.13	302,289,354	0.0	0.0	0.0	0,0,0
3548	0.15	0.46	0.14	286,274,354	0.0	0.0	0.0	0,0,0
3549	0.19	0.50	0.19	262,226,354	0.27	0.20	0.0	290,328,0
3550	0.15	0.71	0.16	262,201,354	0.48	0.39	0.37	185,305,347
3551	0.20	0.50	0.19	261,225,354	0.28	0.23	0.0	289,327,0
3552	0.18	0.56	0.16	286,187,354	0.33	0.31	0.0	274,328,0
3553	0.17	0.44	0.20	270,273,354	0.0	0.0	0.0	0,0,0
3554	0.15	0.58	0.16	301,289,354	0.38	0.35	0.0	273,327,0
3555	0.20	0.34	0.22	262,289,354	0.0	0.0	0.0	0,0,0
3556	0.21	0.32	0.22	262,218,354	0.0	0.0	0.0	0,0,0
3557	0.21	0.33	0.22	262,218,354	0.0	0.0	0.0	0,0,0
3558	0.20	0.35	0.22	262,290,354	0.0	0.0	0.0	0,0,0
3559	0.19	0.45	0.19	262,274,354	0.0	0.0	0.0	0,0,0
3560	0.15	0.78	0.14	302,186,354	0.41	0.39	0.32	274,328,347
3561	0.16	0.58	0.17	262,186,354	0.23	0.19	0.17	186,328,347
3562	0.15	0.78	0.15	301,185,354	0.42	0.40	0.34	273,327,347
3563	0.15	0.45	0.16	264,291,354	0.30	0.0	0.0	274,0,0
3564	0.17	0.37	0.18	262,217,354	0.0	0.0	0.0	0,0,0
3565	0.15	0.45	0.15	285,289,354	0.31	0.0	0.0	273,0,0
3566	0.20	0.36	0.21	262,273,354	0.0	0.0	0.0	0,0,0
3567	0.20	0.30	0.22	262,217,354	0.0	0.0	0.0	0,0,0
3568	0.20	0.32	0.22	262,218,354	0.0	0.0	0.0	0,0,0
3569	0.20	0.38	0.21	262,274,354	0.0	0.0	0.0	0,0,0

Firmato digitalmente da: Fuggini Massimo
Firmato il 17/01/2024 18:24
Serial Certificato: 2a2265
Valido dal 07/09/2023 al
In base a Qualified Electronic

3570	0.17	0.44	0.18	262,274,354	0.0	0.0	0.0	0,0,0
3571	0.16	0.66	0.17	302,186,354	0.38	0.36	0.30	186,328,347
3573	0.17	0.66	0.18	301,185,354	0.37	0.35	0.29	185,327,347
3574	0.15	0.42	0.15	304,274,354	0.0	0.0	0.0	0,0,0
3575	0.26	0.77	0.29	186,185,347	0.48	0.40	0.39	186,305,347
3576	0.29	0.68	0.34	186,186,347	0.45	0.35	0.32	185,305,347
3577	0.27	0.67	0.32	186,186,347	0.32	0.26	0.25	185,305,347
3578	0.22	0.58	0.27	186,185,347	0.28	0.22	0.20	185,305,347
3579	0.24	0.58	0.28	185,185,347	0.24	0.21	0.20	187,305,347
3580	0.26	0.56	0.28	185,185,347	0.22	0.20	0.19	185,305,347
3581	0.26	0.55	0.28	185,185,347	0.21	0.18	0.17	185,305,347
3582	0.24	0.56	0.26	185,185,347	0.23	0.19	0.17	186,315,347
3583	0.13	0.52	0.12	262,226,354	0.27	0.23	0.21	186,315,347
3584	0.25	0.65	0.30	190,186,348	0.25	0.23	0.0	186,305,0
3585	0.18	0.53	0.22	190,186,347	0.20	0.19	0.18	187,305,347
3586	0.19	0.55	0.23	187,187,347	0.21	0.20	0.19	185,305,347
3587	0.19	0.55	0.22	185,185,347	0.21	0.20	0.19	185,305,347
3588	0.17	0.56	0.19	185,185,347	0.21	0.19	0.18	185,305,347
3589	0.14	0.56	0.16	227,185,348	0.22	0.19	0.18	185,305,347
3590	0.15	0.18	0.16	270,286,354	0.0	0.0	0.0	0,0,0
3591	0.17	0.36	0.18	286,187,354	0.0	0.0	0.0	0,0,0
3592	0.16	0.19	0.17	262,262,348	0.0	0.0	0.0	0,0,0
3593	0.16	0.29	0.20	186,186,347	0.0	0.0	0.0	0,0,0
3594	0.17	0.35	0.20	185,186,347	0.0	0.0	0.0	0,0,0
3595	0.17	0.39	0.19	185,187,347	0.0	0.0	0.0	0,0,0
3596	0.14	0.43	0.16	185,185,347	0.16	0.0	0.0	186,0,0
3597	0.12	0.46	0.13	185,185,347	0.18	0.0	0.0	185,0,0
3598	0.10	0.50	0.09	286,185,347	0.24	0.0	0.0	185,0,0
3599	0.27	0.77	0.29	186,188,347	0.47	0.39	0.37	186,305,347
3600	0.30	0.68	0.33	186,186,347	0.42	0.34	0.33	188,305,347
3601	0.28	0.67	0.31	186,186,347	0.31	0.25	0.24	185,305,347
3602	0.26	0.58	0.27	186,186,347	0.27	0.22	0.21	186,305,347
3603	0.25	0.57	0.26	186,186,347	0.25	0.20	0.18	185,305,347
3604	0.26	0.55	0.27	186,186,347	0.23	0.19	0.18	185,305,347
3605	0.27	0.56	0.28	186,186,347	0.21	0.19	0.18	186,305,347
3606	0.25	0.56	0.26	274,186,347	0.24	0.20	0.17	187,315,347
3607	0.12	0.41	0.12	185,185,347	0.15	0.0	0.0	185,0,0
3608	0.25	0.62	0.29	190,186,348	0.24	0.23	0.22	186,305,347
3609	0.20	0.54	0.22	186,186,347	0.20	0.19	0.18	186,305,347
3610	0.21	0.55	0.23	186,186,347	0.21	0.19	0.18	186,305,347
3611	0.21	0.55	0.22	186,186,347	0.21	0.19	0.18	186,305,347
3612	0.19	0.54	0.19	226,186,347	0.21	0.18	0.17	186,305,347
3613	0.15	0.55	0.16	238,186,348	0.21	0.19	0.18	186,305,347
3614	0.11	0.30	0.09	286,290,354	0.0	0.0	0.0	0,0,0
3615	0.12	0.29	0.12	264,264,354	0.0	0.0	0.0	0,0,0
3616	0.15	0.17	0.17	263,271,348	0.0	0.0	0.0	0,0,0
3617	0.17	0.29	0.20	186,186,347	0.0	0.0	0.0	0,0,0
3618	0.18	0.37	0.20	186,186,347	0.0	0.0	0.0	0,0,0
3619	0.18	0.42	0.19	186,186,347	0.0	0.0	0.0	0,0,0
3620	0.15	0.45	0.16	186,186,347	0.16	0.0	0.0	187,0,0
3621	0.13	0.48	0.13	186,186,347	0.18	0.0	0.0	186,0,0
3622	0.08	0.35	0.05	278,186,347	0.0	0.0	0.0	0,0,0
3623	0.24	0.57	0.23	273,185,347	0.24	0.20	0.18	187,305,347
3624	0.26	0.55	0.25	273,185,347	0.21	0.18	0.17	185,305,347
3625	0.20	0.54	0.20	273,185,347	0.21	0.18	0.16	210,305,347
3626	0.17	0.52	0.18	217,185,347	0.21	0.18	0.16	211,315,347
3627	0.17	0.51	0.18	217,185,347	0.23	0.17	0.0	186,315,0
3628	0.19	0.50	0.19	273,185,347	0.23	0.17	0.0	186,315,0
3629	0.23	0.51	0.21	273,185,347	0.23	0.18	0.0	186,315,0
3630	0.22	0.55	0.19	273,185,347	0.27	0.23	0.21	290,315,347
3631	0.11	0.38	0.08	262,188,347	0.0	0.0	0.0	0,0,0
3632	0.12	0.47	0.11	225,185,347	0.18	0.0	0.0	185,0,0
3633	0.12	0.46	0.11	225,185,347	0.17	0.0	0.0	185,0,0
3634	0.11	0.44	0.10	237,185,348	0.21	0.0	0.0	188,0,0
3635	0.10	0.44	0.10	237,185,348	0.21	0.0	0.0	185,0,0
3636	0.10	0.45	0.10	237,185,348	0.22	0.0	0.0	185,0,0
3637	0.10	0.51	0.11	261,185,348	0.25	0.18	0.0	187,315,0
3638	0.12	0.52	0.13	262,225,354	0.27	0.24	0.17	187,315,347

Firmato digitalmente da: Ferrari Massimo
Firmato il 01/07/2024 18:24
Serial#: 370555
Emesso da InfoCert Qualified Electronic Signature CA
Valido dal 01/09/2023 al 01/09/2026

3639	0.09	0.48	0.09	286,185,347	0.24	0.0	0.0	187,0,0
3640	0.09	0.42	0.06	225,185,348	0.16	0.0	0.0	185,0,0
3641	0.09	0.39	0.08	225,185,348	0.0	0.0	0.0	0,0,0
3642	0.09	0.37	0.08	237,185,348	0.0	0.0	0.0	0,0,0
3643	0.09	0.38	0.08	237,185,348	0.0	0.0	0.0	0,0,0
3644	0.10	0.42	0.09	237,185,348	0.16	0.0	0.0	225,0,0
3645	0.11	0.49	0.10	261,185,348	0.24	0.17	0.0	185,315,0
3646	0.10	0.40	0.07	262,188,354	0.0	0.0	0.0	0,0,0
3647	0.24	0.55	0.21	273,185,347	0.25	0.20	0.17	185,315,347
3648	0.24	0.48	0.20	273,225,347	0.21	0.18	0.15	186,315,347
3649	0.22	0.47	0.19	273,225,347	0.22	0.18	0.14	186,328,347
3650	0.20	0.45	0.17	273,225,347	0.22	0.18	0.14	290,328,347
3651	0.19	0.45	0.17	273,225,354	0.22	0.19	0.14	290,328,351
3652	0.20	0.46	0.18	273,217,347	0.23	0.20	0.18	290,328,351
3653	0.22	0.47	0.20	273,217,347	0.25	0.21	0.19	290,328,351
3654	0.20	0.48	0.21	273,217,354	0.28	0.23	0.22	290,317,351
3655	0.12	0.52	0.14	261,225,354	0.26	0.23	0.20	185,315,347
3656	0.13	0.51	0.13	261,225,348	0.25	0.22	0.20	187,315,347
3657	0.14	0.49	0.13	261,225,354	0.24	0.19	0.15	186,328,347
3658	0.15	0.47	0.14	261,225,354	0.22	0.18	0.14	186,328,347
3659	0.16	0.45	0.15	261,225,354	0.22	0.18	0.14	290,328,347
3660	0.17	0.44	0.16	261,225,354	0.21	0.18	0.14	290,328,351
3661	0.18	0.44	0.19	262,227,354	0.20	0.15	0.14	290,315,351
3662	0.25	0.51	0.26	270,218,354	0.21	0.19	0.17	289,328,351
3663	0.14	0.45	0.10	239,227,354	0.17	0.0	0.0	227,0,0
3664	0.13	0.52	0.12	261,225,354	0.28	0.23	0.21	186,315,347
3665	0.14	0.49	0.12	261,225,354	0.25	0.20	0.19	186,328,347
3666	0.15	0.47	0.13	261,225,354	0.23	0.19	0.15	186,328,347
3667	0.16	0.45	0.14	261,225,354	0.22	0.18	0.14	186,328,347
3668	0.16	0.43	0.16	261,227,354	0.20	0.16	0.14	186,328,347
3669	0.19	0.45	0.20	262,227,354	0.20	0.16	0.14	185,315,347
3670	0.13	0.50	0.14	270,186,354	0.33	0.26	0.23	185,315,347
3671	0.20	0.50	0.23	269,217,354	0.30	0.26	0.24	289,317,351
3672	0.20	0.48	0.21	273,217,354	0.27	0.23	0.21	290,328,351
3673	0.18	0.46	0.20	273,217,354	0.26	0.22	0.20	186,328,351
3674	0.17	0.43	0.19	237,217,354	0.24	0.19	0.18	186,317,351
3675	0.19	0.41	0.19	237,217,348	0.20	0.15	0.0	291,327,0
3676	0.21	0.39	0.20	273,217,348	0.15	0.0	0.0	217,0,0
3677	0.26	0.47	0.24	273,273,347	0.0	0.0	0.0	0,0,0
3678	0.25	0.45	0.24	273,273,347	0.0	0.0	0.0	0,0,0
3679	0.25	0.50	0.26	270,218,354	0.22	0.19	0.17	289,328,351
3680	0.18	0.41	0.20	302,291,354	0.20	0.16	0.13	291,328,351
3681	0.15	0.40	0.17	301,217,354	0.21	0.17	0.16	186,317,351
3682	0.14	0.36	0.15	301,217,354	0.21	0.16	0.0	290,317,0
3683	0.13	0.32	0.13	301,217,354	0.0	0.0	0.0	0,0,0
3684	0.11	0.29	0.11	285,289,354	0.0	0.0	0.0	0,0,0
3685	0.09	0.32	0.09	277,186,352	0.0	0.0	0.0	0,0,0
3686	0.10	0.34	0.09	188,185,347	0.0	0.0	0.0	0,0,0
3687	0.13	0.51	0.13	286,186,354	0.31	0.25	0.22	185,315,347
3688	0.19	0.42	0.21	270,291,354	0.18	0.14	0.13	289,317,351
3689	0.15	0.36	0.17	301,219,354	0.18	0.12	0.12	290,317,351
3690	0.14	0.34	0.14	301,219,354	0.18	0.0	0.0	290,0,0
3691	0.12	0.32	0.12	301,289,354	0.0	0.0	0.0	0,0,0
3692	0.09	0.30	0.09	301,186,354	0.0	0.0	0.0	0,0,0
3693	0.06	0.35	0.05	285,186,347	0.0	0.0	0.0	0,0,0
3694	0.26	0.47	0.25	286,218,354	0.21	0.18	0.15	289,327,351
3695	0.24	0.46	0.22	277,273,348	0.0	0.0	0.0	0,0,0
3696	0.22	0.41	0.21	277,273,348	0.0	0.0	0.0	0,0,0
3697	0.19	0.37	0.18	277,185,348	0.0	0.0	0.0	0,0,0
3698	0.16	0.36	0.16	237,289,348	0.0	0.0	0.0	0,0,0
3699	0.14	0.40	0.15	225,291,347	0.0	0.0	0.0	0,0,0
3700	0.13	0.58	0.13	289,203,351	0.34	0.0	0.0	291,0,0
3701	0.15	0.50	0.14	264,291,347	0.26	0.0	0.0	203,0,0
3702	0.23	0.52	0.22	277,273,348	0.21	0.18	0.0	209,327,0
3703	0.09	0.30	0.09	188,290,347	0.0	0.0	0.0	0,0,0
3704	0.09	0.27	0.09	237,185,348	0.0	0.0	0.0	0,0,0
3705	0.09	0.25	0.09	277,185,348	0.0	0.0	0.0	0,0,0
3706	0.10	0.25	0.09	264,188,348	0.0	0.0	0.0	0,0,0

Firmato digitalmente da: Firmato il 21/11/2024 18:24 Serial#: 27e565

3707	0.11	0.26	0.11	262,188,354	0.0	0.0	0.0	0,0,0
3708	0.13	0.26	0.12	264,264,354	0.0	0.0	0.0	0,0,0
3709	0.13	0.29	0.13	264,252,354	0.0	0.0	0.0	0,0,0
3710	0.12	0.35	0.12	188,188,347	0.0	0.0	0.0	0,0,0
3711	0.11	0.29	0.11	188,186,347	0.0	0.0	0.0	0,0,0
3712	0.10	0.20	0.09	252,290,347	0.0	0.0	0.0	0,0,0
3713	0.09	0.15	0.09	252,290,353	0.0	0.0	0.0	0,0,0
3714	0.10	0.11	0.10	264,202,354	0.0	0.0	0.0	0,0,0
3715	0.10	0.11	0.10	264,252,354	0.0	0.0	0.0	0,0,0
3716	0.12	0.38	0.11	264,264,354	0.0	0.0	0.0	0,0,0
3717	0.13	0.18	0.12	262,264,354	0.0	0.0	0.0	0,0,0
3718	0.25	0.46	0.25	286,218,354	0.21	0.17	0.15	289,327,351
3719	0.23	0.45	0.22	278,274,348	0.0	0.0	0.0	0,0,0
3720	0.21	0.40	0.21	278,274,348	0.0	0.0	0.0	0,0,0
3721	0.18	0.37	0.18	238,186,348	0.0	0.0	0.0	0,0,0
3722	0.16	0.35	0.16	238,290,348	0.0	0.0	0.0	0,0,0
3723	0.14	0.40	0.15	226,291,347	0.0	0.0	0.0	0,0,0
3724	0.12	0.58	0.13	290,203,351	0.34	0.0	0.0	291,0,0
3725	0.15	0.50	0.14	264,291,347	0.26	0.0	0.0	203,0,0
3726	0.23	0.56	0.22	274,186,347	0.25	0.21	0.20	186,305,347
3727	0.26	0.55	0.25	274,186,347	0.21	0.18	0.17	186,305,347
3728	0.19	0.54	0.20	274,186,347	0.22	0.18	0.17	209,305,347
3729	0.17	0.52	0.18	218,186,347	0.22	0.18	0.16	211,315,347
3730	0.16	0.51	0.18	218,186,347	0.23	0.18	0.0	185,315,0
3731	0.18	0.50	0.19	274,186,347	0.23	0.18	0.0	187,315,0
3732	0.23	0.51	0.21	274,186,347	0.23	0.18	0.0	185,315,0
3733	0.22	0.56	0.19	274,186,347	0.27	0.24	0.21	186,315,347
3734	0.24	0.54	0.21	274,186,347	0.25	0.21	0.17	186,315,347
3735	0.24	0.49	0.20	274,226,347	0.18	0.18	0.15	226,315,347
3736	0.22	0.48	0.19	274,226,347	0.21	0.17	0.15	185,315,347
3737	0.20	0.46	0.18	274,226,347	0.21	0.18	0.15	289,327,347
3738	0.19	0.45	0.17	274,226,347	0.22	0.18	0.15	291,327,351
3739	0.21	0.45	0.18	274,218,347	0.23	0.19	0.18	289,317,351
3740	0.23	0.46	0.19	274,218,347	0.24	0.21	0.19	289,317,351
3741	0.23	0.50	0.22	274,218,354	0.28	0.23	0.22	289,317,351
3742	0.23	0.52	0.23	286,290,354	0.27	0.23	0.21	289,317,351
3743	0.22	0.46	0.21	274,218,354	0.26	0.22	0.21	289,317,351
3744	0.21	0.44	0.19	278,218,354	0.25	0.21	0.20	290,317,351
3745	0.19	0.40	0.18	286,218,354	0.23	0.19	0.18	290,317,351
3746	0.19	0.37	0.18	278,218,348	0.20	0.0	0.0	290,0,0
3747	0.21	0.35	0.19	278,218,348	0.0	0.0	0.0	0,0,0
3748	0.24	0.41	0.23	278,226,347	0.0	0.0	0.0	0,0,0
3749	0.25	0.46	0.23	274,274,347	0.0	0.0	0.0	0,0,0
3750	0.23	0.52	0.22	278,186,348	0.21	0.0	0.0	186,0,0
3751	0.09	0.30	0.09	188,186,347	0.0	0.0	0.0	0,0,0
3752	0.09	0.26	0.09	238,186,348	0.0	0.0	0.0	0,0,0
3753	0.09	0.25	0.09	238,186,348	0.0	0.0	0.0	0,0,0
3754	0.10	0.25	0.09	261,188,348	0.0	0.0	0.0	0,0,0
3755	0.12	0.26	0.11	261,188,354	0.0	0.0	0.0	0,0,0
3756	0.15	0.35	0.14	286,290,354	0.17	0.12	0.0	291,328,0
3757	0.13	0.29	0.13	264,252,354	0.0	0.0	0.0	0,0,0
3758	0.14	0.50	0.12	262,226,354	0.25	0.20	0.19	185,305,347
3759	0.10	0.47	0.10	226,186,347	0.18	0.0	0.0	186,0,0
3760	0.11	0.46	0.10	226,186,347	0.21	0.0	0.0	185,0,0
3761	0.10	0.44	0.10	238,186,348	0.21	0.0	0.0	187,0,0
3762	0.09	0.43	0.10	238,186,348	0.21	0.0	0.0	186,0,0
3763	0.10	0.45	0.10	238,186,348	0.22	0.0	0.0	186,0,0
3764	0.10	0.50	0.11	261,226,348	0.25	0.18	0.0	186,315,0
3765	0.19	0.42	0.21	302,290,354	0.19	0.15	0.13	289,327,351
3766	0.17	0.39	0.17	286,290,354	0.18	0.15	0.12	289,327,351
3767	0.14	0.52	0.12	238,226,348	0.26	0.22	0.20	186,315,347
3768	0.15	0.49	0.13	262,226,354	0.23	0.18	0.15	185,317,347
3769	0.15	0.47	0.13	262,226,354	0.22	0.18	0.14	185,327,347
3770	0.16	0.45	0.14	262,226,354	0.22	0.17	0.14	185,327,347
3771	0.17	0.44	0.16	262,226,354	0.21	0.17	0.14	289,327,351
3772	0.20	0.48	0.20	262,226,354	0.20	0.17	0.15	289,315,351
3773	0.18	0.45	0.17	262,226,354	0.21	0.17	0.14	185,327,347
3774	0.21	0.47	0.20	262,226,354	0.20	0.17	0.15	185,315,347

Firmato digitalmente da: Fogli Massimo
Firmato il 6/10/2024 18:24
Seriale Certificato: 2902265
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3775	0.19	0.44	0.20	302,290,354	0.20	0.16	0.14	289,327,351
3776	0.17	0.41	0.17	286,290,354	0.20	0.17	0.16	289,317,351
3777	0.16	0.36	0.15	286,218,354	0.20	0.16	0.0	289,317,0
3778	0.15	0.32	0.13	286,290,354	0.0	0.0	0.0	0,0,0
3779	0.13	0.28	0.11	278,290,354	0.0	0.0	0.0	0,0,0
3780	0.11	0.32	0.09	278,186,352	0.0	0.0	0.0	0,0,0
3781	0.15	0.47	0.13	262,226,354	0.23	0.18	0.14	185,327,347
3782	0.16	0.45	0.14	262,226,354	0.21	0.17	0.14	185,327,347
3783	0.11	0.29	0.11	188,186,347	0.0	0.0	0.0	0,0,0
3784	0.09	0.20	0.09	252,289,347	0.0	0.0	0.0	0,0,0
3785	0.09	0.15	0.09	252,289,353	0.0	0.0	0.0	0,0,0
3786	0.10	0.11	0.10	264,201,354	0.0	0.0	0.0	0,0,0
3787	0.10	0.11	0.10	264,252,354	0.0	0.0	0.0	0,0,0
3788	0.14	0.33	0.12	286,290,354	0.0	0.0	0.0	0,0,0
3789	0.13	0.18	0.12	261,264,354	0.0	0.0	0.0	0,0,0
3790	0.14	0.41	0.14	185,185,347	0.15	0.0	0.0	185,0,0
3791	0.07	0.42	0.05	226,186,348	0.0	0.0	0.0	0,0,0
3792	0.08	0.39	0.08	238,186,348	0.0	0.0	0.0	0,0,0
3793	0.09	0.38	0.08	238,186,348	0.0	0.0	0.0	0,0,0
3794	0.09	0.38	0.08	238,186,348	0.0	0.0	0.0	0,0,0
3795	0.09	0.42	0.09	238,186,348	0.16	0.0	0.0	226,0,0
3796	0.10	0.48	0.09	262,226,348	0.24	0.17	0.0	186,315,0
3797	0.15	0.17	0.17	271,263,354	0.0	0.0	0.0	0,0,0
3798	0.17	0.36	0.18	301,185,354	0.0	0.0	0.0	0,0,0
3799	0.09	0.48	0.09	186,188,347	0.25	0.0	0.0	187,0,0
3800	0.15	0.43	0.12	274,186,347	0.16	0.0	0.0	186,0,0

Guscio	rRfck	rRfyk	rPfck	wR	wF	wP
	0.31	0.78	0.34	0.58	0.50	0.48

TABELLA VERIFICHE ELEMENTI D3 GUSCI C.A.

Guscio	Stato	Nodo	V N/M	V V/T cls	V V/T acc	Rif. cmb	Nodo	V N/M	V V/T cls	V V/T acc	Rif. cmb
595	ok	4218	0.38	0.0	0.0	395,0,0	4210	0.34	0.0	0.0	395,0,0
		4065	0.29	0.0	0.0	395,0,0	4077	0.33	0.0	0.0	395,0,0
599	ok	4210	0.43	0.0	0.0	400,0,0	4199	0.46	0.0	0.0	400,0,0
		4054	0.35	0.0	0.0	407,0,0	4065	0.36	0.0	0.0	395,0,0
600	ok	4234	0.29	0.0	0.0	399,0,0	4218	0.27	0.0	0.0	395,0,0
		4077	0.25	0.0	0.0	395,0,0	4085	0.28	0.0	0.0	399,0,0
724	ok	4249	0.48	0.0	0.0	417,0,0	4454	0.47	0.0	0.0	415,0,0
		1199	0.47	0.0	0.0	411,0,0	4543	0.49	0.0	0.0	417,0,0
737	ok	4352	0.54	0.0	0.0	405,0,0	4504	0.38	0.0	0.0	413,0,0
		4453	0.39	0.0	0.0	415,0,0	4237	0.53	0.0	0.0	413,0,0
750	ok	887	0.51	0.0	0.0	417,0,0	4509	0.50	0.0	0.0	417,0,0
		4257	0.52	0.0	0.0	417,0,0	4455	0.51	0.0	0.0	417,0,0
763	ok	4423	0.31	0.0	0.0	416,0,0	4379	0.38	0.0	0.0	412,0,0
		4437	0.13	0.0	0.0	408,0,0	4184	0.12	0.0	0.0	408,0,0
776	ok	4504	0.38	0.0	0.0	415,0,0	4446	0.38	0.0	0.0	415,0,0
		4453	0.38	0.0	0.0	415,0,0					
789	ok	2591	0.44	0.0	0.0	413,0,0	4481	0.40	0.0	0.0	417,0,0
		4245	0.40	0.0	0.0	417,0,0	4454	0.44	0.0	0.0	413,0,0
802	ok	4453	0.31	0.0	0.0	415,0,0	4446	0.31	0.0	0.0	415,0,0
		4233	0.31	0.0	0.0	415,0,0					
815	ok	4237	0.46	0.0	0.0	405,0,0	4453	0.40	0.0	0.0	415,0,0
		4549	0.38	0.0	0.0	415,0,0	4473	0.46	0.0	0.0	413,0,0
828	ok	4454	0.46	0.0	0.0	415,0,0	4245	0.46	0.0	0.0	417,0,0
		4482	0.47	0.0	0.0	417,0,0	1199	0.47	0.0	0.0	415,0,0
1330	ok	4240	0.23	0.0	0.0	395,0,0	4234	0.22	0.0	0.0	399,0,0
		4085	0.22	0.0	0.0	399,0,0	4101	0.23	0.0	0.0	395,0,0
1331	ok	4244	0.24	0.0	0.0	401,0,0	4240	0.25	0.0	0.0	401,0,0
		4101	0.26	0.0	0.0	397,0,0	4124	0.25	0.0	0.0	401,0,0
1332	ok	4248	0.30	0.0	0.0	401,0,0	4244	0.33	0.0	0.0	401,0,0
		4124	0.32	0.0	0.0	401,0,0	4153	0.29	0.0	0.0	401,0,0
1333	ok	4252	0.36	0.0	0.0	401,0,0	4248	0.41	0.0	0.0	401,0,0

Firmato digitalmente da:
Fiscarelli Massimo
Firmato il
31/01/2024 18:24
Serial#: Certificato:
Valido fino al 21/09/2023 al
momento della
Emesso da: Qualified Electronic

		4153	0.35	0.0	0.0	401,0,0	4157	0.31	0.0	0.0	401,0,0
1334	ok	3849	0.36	0.0	0.0	417,0,0	4256	0.34	0.0	0.0	417,0,0
		4161	0.38	0.0	0.0	417,0,0	3851	0.42	0.0	0.0	417,0,0
1336	ok	4199	0.34	0.0	0.0	407,0,0	3584	0.34	0.0	0.0	407,0,0
		3586	0.39	0.0	0.0	407,0,0	4054	0.35	0.0	0.0	407,0,0
1337	ok	4161	0.35	0.0	0.0	417,0,0	4157	0.37	0.0	0.0	401,0,0
		4056	0.35	0.0	0.0	417,0,0	4081	0.36	0.0	0.0	417,0,0
1338	ok	4077	0.29	0.0	0.0	395,0,0	4065	0.27	0.0	0.0	417,0,0
		4005	0.28	0.0	0.0	417,0,0	4013	0.27	0.0	0.0	417,0,0
1339	ok	4065	0.35	0.0	0.0	395,0,0	4054	0.35	0.0	0.0	407,0,0
		3984	0.34	0.0	0.0	407,0,0	4005	0.33	0.0	0.0	407,0,0
1340	ok	4085	0.22	0.0	0.0	395,0,0	4077	0.23	0.0	0.0	417,0,0
		4013	0.24	0.0	0.0	417,0,0	4021	0.23	0.0	0.0	417,0,0
1341	ok	4101	0.18	0.0	0.0	413,0,0	4085	0.17	0.0	0.0	417,0,0
		4021	0.18	0.0	0.0	417,0,0	4042	0.19	0.0	0.0	417,0,0
1342	ok	4124	0.18	0.0	0.0	407,0,0	4101	0.18	0.0	0.0	397,0,0
		4042	0.18	0.0	0.0	397,0,0	4046	0.18	0.0	0.0	407,0,0
1343	ok	4153	0.23	0.0	0.0	407,0,0	4124	0.24	0.0	0.0	397,0,0
		4046	0.23	0.0	0.0	407,0,0	4050	0.25	0.0	0.0	407,0,0
1344	ok	4157	0.28	0.0	0.0	401,0,0	4153	0.30	0.0	0.0	401,0,0
		4050	0.27	0.0	0.0	407,0,0	4056	0.28	0.0	0.0	407,0,0
1345	ok	3851	0.44	0.0	0.0	417,0,0	4161	0.42	0.0	0.0	417,0,0
		4081	0.43	0.0	0.0	417,0,0	3853	0.45	0.0	0.0	417,0,0
1347	ok	4054	0.40	0.0	0.0	407,0,0	3586	0.42	0.0	0.0	407,0,0
		3588	0.43	0.0	0.0	407,0,0	3984	0.44	0.0	0.0	407,0,0
1348	ok	4081	0.34	0.0	0.0	417,0,0	4056	0.32	0.0	0.0	417,0,0
		4116	0.34	0.0	0.0	417,0,0	4155	0.37	0.0	0.0	417,0,0
1349	ok	4013	0.27	0.0	0.0	417,0,0	4005	0.28	0.0	0.0	417,0,0
		3955	0.27	0.0	0.0	417,0,0	3969	0.26	0.0	0.0	417,0,0
1350	ok	4005	0.31	0.0	0.0	407,0,0	3984	0.33	0.0	0.0	407,0,0
		3926	0.36	0.0	0.0	407,0,0	3955	0.35	0.0	0.0	407,0,0
1351	ok	4021	0.23	0.0	0.0	417,0,0	4013	0.25	0.0	0.0	417,0,0
		3969	0.24	0.0	0.0	417,0,0	4009	0.24	0.0	0.0	417,0,0
1352	ok	4042	0.20	0.0	0.0	417,0,0	4021	0.18	0.0	0.0	417,0,0
		4009	0.19	0.0	0.0	417,0,0	4031	0.20	0.0	0.0	417,0,0
1353	ok	4046	0.19	0.0	0.0	407,0,0	4042	0.18	0.0	0.0	407,0,0
		4031	0.18	0.0	0.0	407,0,0	4048	0.19	0.0	0.0	407,0,0
1421	ok	1905	0.09	0.0	0.0	400,0,0	1897	0.09	0.0	0.0	401,0,0
		4187	0.08	0.0	0.0	400,0,0	4189	0.09	0.0	0.0	400,0,0
1425	ok	1967	0.10	0.0	0.0	400,0,0	1905	0.10	0.0	0.0	401,0,0
		4189	0.09	0.0	0.0	400,0,0	4191	0.11	0.0	0.0	416,0,0
1429	ok	2201	0.25	0.0	0.0	417,0,0	1967	0.24	0.0	0.0	417,0,0
		4191	0.25	0.0	0.0	417,0,0	4193	0.26	0.0	0.0	417,0,0
2027	ok	4050	0.24	0.0	0.0	407,0,0	4046	0.24	0.0	0.0	407,0,0
		4048	0.24	0.0	0.0	407,0,0	4066	0.24	0.0	0.0	407,0,0
2031	ok	4056	0.28	0.0	0.0	407,0,0	4050	0.26	0.0	0.0	407,0,0
		4066	0.26	0.0	0.0	407,0,0	4116	0.27	0.0	0.0	407,0,0
2032	ok	3853	0.45	0.0	0.0	417,0,0	4081	0.45	0.0	0.0	417,0,0
		4155	0.46	0.0	0.0	417,0,0	3855	0.47	0.0	0.0	417,0,0
2156	ok	4455	0.50	0.0	0.0	417,0,0	4257	0.52	0.0	0.0	417,0,0
		4510	0.49	0.0	0.0	417,0,0	926	0.50	0.0	0.0	417,0,0
2169	ok	4363	0.36	0.0	0.0	415,0,0	4531	0.36	0.0	0.0	415,0,0
		4269	0.34	0.0	0.0	415,0,0	4435	0.37	0.0	0.0	415,0,0
2182	ok	4542	0.47	0.0	0.0	417,0,0	2591	0.41	0.0	0.0	415,0,0
		4454	0.42	0.0	0.0	415,0,0	4249	0.46	0.0	0.0	417,0,0
2195	ok	4273	0.38	0.0	0.0	398,0,0	4435	0.29	0.0	0.0	415,0,0
		4364	0.28	0.0	0.0	415,0,0	4408	0.38	0.0	0.0	398,0,0
2208	ok	4261	0.49	0.0	0.0	417,0,0	4455	0.50	0.0	0.0	417,0,0
		926	0.50	0.0	0.0	417,0,0	4381	0.49	0.0	0.0	417,0,0
2221	ok	4437	0.41	0.22	0.57	418,416,416	4538	0.41	0.22	0.57	418,416,416
		3096	0.41	0.22	0.57	418,416,416					
2234	ok	4435	0.34	0.0	0.0	415,0,0	4269	0.27	0.0	0.0	415,0,0
		4532	0.27	0.0	0.0	415,0,0	4364	0.33	0.0	0.0	415,0,0
2247	ok	4379	0.32	0.0	0.0	416,0,0	4538	0.32	0.0	0.0	416,0,0
		4437	0.32	0.0	0.0	416,0,0					
2260	ok	4356	0.48	0.0	0.0	411,0,0	887	0.51	0.0	0.0	417,0,0
		4455	0.51	0.0	0.0	417,0,0	4261	0.50	0.0	0.0	417,0,0

Firmato digitalmente da: Fiorini Massimo
Firmato il 01/10/2024 18:24
Serial Certificato: 2e2265
Valido dal 06/09/2023 al 06/09/2026
InfoCert Qualified Electronic Signature CA

2763	ok	3984	0.44	0.0	0.0	407,0,0	3588	0.44	0.0	0.0	407,0,0
		3590	0.45	0.0	0.0	407,0,0	3926	0.45	0.0	0.0	407,0,0
2764	ok	4155	0.37	0.0	0.0	417,0,0	4116	0.34	0.0	0.0	417,0,0
		4238	0.36	0.0	0.0	417,0,0	4246	0.40	0.0	0.0	417,0,0
2765	ok	3969	0.24	0.0	0.0	417,0,0	3955	0.25	0.0	0.0	417,0,0
		4089	0.27	0.0	0.0	407,0,0	4159	0.25	0.0	0.0	417,0,0
2766	ok	3955	0.34	0.0	0.0	407,0,0	3926	0.36	0.0	0.0	407,0,0
		4044	0.37	0.0	0.0	407,0,0	4089	0.35	0.0	0.0	407,0,0
2767	ok	4009	0.21	0.0	0.0	417,0,0	3969	0.22	0.0	0.0	417,0,0
		4159	0.21	0.0	0.0	417,0,0	4180	0.20	0.0	0.0	417,0,0
2768	ok	4031	0.20	0.0	0.0	417,0,0	4009	0.16	0.0	0.0	417,0,0
		4180	0.14	0.0	0.0	417,0,0	4188	0.16	0.0	0.0	417,0,0
2769	ok	4048	0.17	0.0	0.0	407,0,0	4031	0.17	0.0	0.0	415,0,0
		4188	0.15	0.0	0.0	395,0,0	4196	0.15	0.0	0.0	395,0,0
2770	ok	4066	0.22	0.0	0.0	407,0,0	4048	0.21	0.0	0.0	407,0,0
		4196	0.20	0.0	0.0	407,0,0	4215	0.22	0.0	0.0	407,0,0
2771	ok	4116	0.26	0.0	0.0	407,0,0	4066	0.24	0.0	0.0	407,0,0
		4215	0.25	0.0	0.0	407,0,0	4238	0.28	0.0	0.0	417,0,0
2772	ok	3855	0.46	0.0	0.0	417,0,0	4155	0.47	0.0	0.0	417,0,0
		4246	0.46	0.0	0.0	417,0,0	3857	0.46	0.0	0.0	417,0,0
2774	ok	3926	0.45	0.0	0.0	407,0,0	3590	0.45	0.0	0.0	407,0,0
		3592	0.46	0.0	0.0	407,0,0	4044	0.46	0.0	0.0	407,0,0
2775	ok	4246	0.38	0.0	0.0	417,0,0	4238	0.36	0.0	0.0	417,0,0
		707	0.37	0.0	0.0	417,0,0	1118	0.38	0.0	0.0	417,0,0
2776	ok	4159	0.22	0.0	0.0	417,0,0	4089	0.26	0.0	0.0	407,0,0
		836	0.31	0.0	0.0	407,0,0	3115	0.25	0.0	0.0	407,0,0
2777	ok	4089	0.35	0.0	0.0	407,0,0	4044	0.37	0.0	0.0	407,0,0
		4266	0.37	0.0	0.0	407,0,0	836	0.36	0.0	0.0	407,0,0
2778	ok	4180	0.18	0.0	0.0	417,0,0	4159	0.18	0.0	0.0	417,0,0
		3115	0.18	0.0	0.0	417,0,0	3866	0.18	0.0	0.0	417,0,0
2779	ok	4188	0.17	0.0	0.0	417,0,0	4180	0.14	0.0	0.0	401,0,0
		3866	0.13	0.0	0.0	401,0,0	331	0.13	0.0	0.0	401,0,0
2780	ok	4196	0.15	0.0	0.0	395,0,0	4188	0.15	0.0	0.0	395,0,0
		331	0.14	0.0	0.0	395,0,0	476	0.14	0.0	0.0	395,0,0
2781	ok	4215	0.18	0.0	0.0	407,0,0	4196	0.18	0.0	0.0	395,0,0
		476	0.18	0.0	0.0	407,0,0	691	0.18	0.0	0.0	407,0,0
2782	ok	4238	0.27	0.0	0.0	417,0,0	4215	0.22	0.0	0.0	407,0,0
		691	0.26	0.0	0.0	417,0,0	707	0.31	0.0	0.0	417,0,0
2783	ok	3857	0.46	0.0	0.0	417,0,0	4246	0.47	0.0	0.0	417,0,0
		1118	0.42	0.0	0.0	409,0,0	3859	0.43	0.0	0.0	409,0,0
2785	ok	4044	0.46	0.0	0.0	407,0,0	3592	0.46	0.0	0.0	407,0,0
		3594	0.43	0.0	0.0	415,0,0	4266	0.42	0.0	0.0	415,0,0
2853	ok	3861	0.37	0.0	0.0	409,0,0	2338	0.38	0.0	0.0	417,0,0
		4195	0.43	0.0	0.0	417,0,0	3612	0.44	0.0	0.0	417,0,0
2857	ok	1118	0.37	0.0	0.0	417,0,0	707	0.37	0.0	0.0	417,0,0
		2201	0.36	0.0	0.0	417,0,0	2338	0.37	0.0	0.0	417,0,0
2861	ok	1859	0.37	0.0	0.0	407,0,0	3596	0.37	0.0	0.0	415,0,0
		3347	0.44	0.0	0.0	407,0,0	4179	0.43	0.0	0.0	407,0,0
2876	ok	3115	0.23	0.0	0.0	407,0,0	836	0.27	0.0	0.0	407,0,0
		1869	0.31	0.0	0.0	407,0,0	1877	0.27	0.0	0.0	407,0,0
2877	ok	836	0.36	0.0	0.0	407,0,0	4266	0.36	0.0	0.0	407,0,0
		1859	0.37	0.0	0.0	407,0,0	1869	0.36	0.0	0.0	407,0,0
2878	ok	3866	0.15	0.0	0.0	417,0,0	3115	0.14	0.0	0.0	401,0,0
		1877	0.13	0.0	0.0	401,0,0	1889	0.13	0.0	0.0	401,0,0
2879	ok	331	0.12	0.0	0.0	401,0,0	3866	0.12	0.0	0.0	401,0,0
		1889	0.11	0.0	0.0	398,0,0	1897	0.11	0.0	0.0	401,0,0
2880	ok	476	0.13	0.0	0.0	395,0,0	331	0.13	0.0	0.0	395,0,0
		1897	0.11	0.0	0.0	395,0,0	1905	0.12	0.0	0.0	400,0,0
2881	ok	691	0.15	0.0	0.0	395,0,0	476	0.15	0.0	0.0	395,0,0
		1905	0.13	0.0	0.0	395,0,0	1967	0.13	0.0	0.0	395,0,0
2882	ok	707	0.27	0.0	0.0	417,0,0	691	0.23	0.0	0.0	417,0,0
		1967	0.28	0.0	0.0	417,0,0	2201	0.32	0.0	0.0	417,0,0
2883	ok	3859	0.44	0.0	0.0	409,0,0	1118	0.44	0.0	0.0	409,0,0
		2338	0.41	0.0	0.0	409,0,0	3861	0.40	0.0	0.0	409,0,0
2900	ok	1883	0.49	0.0	0.0	395,0,0	1879	0.49	0.0	0.0	395,0,0
		1117	0.49	0.0	0.0	395,0,0					
2901	ok	4266	0.44	0.0	0.0	415,0,0	3594	0.44	0.0	0.0	415,0,0
		3596	0.39	0.0	0.0	415,0,0	1859	0.39	0.0	0.0	415,0,0

Firmato digitalmente da: Fogagni Massimo
Firmato il 6/10/2024 18:24
Serial Certificato: 2e2265
valido dal 06/09/2023 al
in Qualified Electronic Signature

2902	ok	2338	0.35	0.0	0.0	417,0,0	2201	0.41	0.0	0.0	417,0,0
		4193	0.37	0.0	0.0	417,0,0	4195	0.37	0.0	0.0	417,0,0
2903	ok	1877	0.23	0.0	0.0	407,0,0	1869	0.24	0.0	0.0	407,0,0
		4181	0.25	0.0	0.0	407,0,0	4183	0.24	0.0	0.0	407,0,0
2904	ok	1869	0.40	0.0	0.0	407,0,0	1859	0.35	0.0	0.0	407,0,0
		4179	0.37	0.0	0.0	407,0,0	4181	0.37	0.0	0.0	407,0,0
2905	ok	1889	0.10	0.0	0.0	395,0,0	1877	0.10	0.0	0.0	398,0,0
		4183	0.11	0.0	0.0	410,0,0	4185	0.09	0.0	0.0	398,0,0
2906	ok	1897	0.09	0.0	0.0	395,0,0	1889	0.09	0.0	0.0	395,0,0
		4185	0.08	0.0	0.0	398,0,0	4187	0.08	0.0	0.0	398,0,0
2907	ok	3282	0.41	0.0	0.0	417,0,0	706	0.41	0.0	0.0	417,0,0
		1861	0.41	0.0	0.0	417,0,0					
2913	ok	291	0.21	0.0	0.0	394,0,0	492	0.14	0.0	0.0	396,0,0
		3912	0.23	0.0	0.0	411,0,0	3293	0.33	0.0	0.0	409,0,0
2914	ok	492	0.18	0.0	0.0	416,0,0	432	0.19	0.0	0.0	412,0,0
		3910	0.26	0.0	0.0	393,0,0	3912	0.23	0.0	0.0	393,0,0
2915	ok	432	0.28	0.0	0.0	414,0,0	424	0.27	0.0	0.0	414,0,0
		3908	0.17	0.0	0.0	393,0,0	3910	0.19	0.0	0.0	399,0,0
2916	ok	424	0.30	0.0	0.0	414,0,0	349	0.30	0.0	0.0	414,0,0
		3906	0.19	0.0	0.0	414,0,0	3908	0.18	0.0	0.0	414,0,0
2917	ok	349	0.27	0.0	0.0	406,0,0	332	0.27	0.0	0.0	406,0,0
		3904	0.16	0.0	0.0	408,0,0	3906	0.15	0.0	0.0	406,0,0
2918	ok	332	0.29	0.0	0.0	392,0,0	330	0.29	0.0	0.0	392,0,0
		3902	0.16	0.0	0.0	404,0,0	3904	0.16	0.0	0.0	404,0,0
2919	ok	330	0.29	0.0	0.0	392,0,0	328	0.35	0.0	0.0	392,0,0
		3900	0.24	0.0	0.0	392,0,0	3902	0.21	0.0	0.0	392,0,0
2920	ok	328	0.33	0.0	0.0	392,0,0	297	0.33	0.0	0.0	392,0,0
		3898	0.30	0.0	0.0	387,0,0	3900	0.30	0.0	0.0	387,0,0
2921	ok	297	0.22	0.0	0.0	392,0,0	294	0.22	0.0	0.0	392,0,0
		3896	0.34	0.0	0.0	392,0,0	3898	0.29	0.0	0.0	387,0,0
2922	ok	294	0.27	0.0	0.0	393,0,0	289	0.19	0.0	0.0	406,0,0
		3285	0.32	0.0	0.0	387,0,0	3896	0.27	0.0	0.0	387,0,0
2923	ok	3293	0.27	0.0	0.0	410,0,0	3912	0.30	0.0	0.0	387,0,0
		1249	0.25	0.0	0.0	406,0,0	3749	0.27	0.0	0.0	390,0,0
2924	ok	3912	0.33	0.0	0.0	393,0,0	3910	0.30	0.0	0.0	393,0,0
		1247	0.23	0.0	0.0	414,0,0	1249	0.26	0.0	0.0	418,0,0
2925	ok	3910	0.28	0.0	0.0	414,0,0	3908	0.29	0.0	0.0	390,0,0
		1242	0.27	0.0	0.0	394,0,0	1247	0.29	0.0	0.0	414,0,0
2926	ok	3908	0.22	0.0	0.0	414,0,0	3906	0.22	0.0	0.0	414,0,0
		1240	0.23	0.0	0.0	414,0,0	1242	0.23	0.0	0.0	414,0,0
2927	ok	3906	0.19	0.0	0.0	414,0,0	3904	0.19	0.0	0.0	414,0,0
		1229	0.19	0.0	0.0	414,0,0	1240	0.19	0.0	0.0	414,0,0
2928	ok	3904	0.20	0.0	0.0	392,0,0	3902	0.17	0.0	0.0	412,0,0
		1227	0.18	0.0	0.0	406,0,0	1229	0.17	0.0	0.0	412,0,0
2929	ok	3902	0.25	0.0	0.0	392,0,0	3900	0.23	0.0	0.0	392,0,0
		1215	0.24	0.0	0.0	392,0,0	1227	0.23	0.0	0.0	412,0,0
2930	ok	3900	0.29	0.0	0.0	392,0,0	3898	0.24	0.0	0.0	392,0,0
		1206	0.25	0.0	0.0	392,0,0	1215	0.27	0.0	0.0	412,0,0
2931	ok	3898	0.27	0.0	0.0	387,0,0	3896	0.32	0.0	0.0	387,0,0
		1200	0.33	0.0	0.0	390,0,0	1206	0.28	0.0	0.0	392,0,0
2932	ok	3896	0.28	0.0	0.0	414,0,0	3285	0.26	0.0	0.0	414,0,0
		3484	0.30	0.0	0.0	394,0,0	1200	0.30	0.0	0.0	390,0,0
2933	ok	3749	0.32	0.0	0.0	390,0,0	1249	0.35	0.0	0.0	393,0,0
		1613	0.28	0.0	0.0	390,0,0	3747	0.26	0.0	0.0	408,0,0
2934	ok	1249	0.27	0.0	0.0	406,0,0	1247	0.25	0.0	0.0	414,0,0
		1591	0.23	0.0	0.0	406,0,0	1613	0.26	0.0	0.0	406,0,0
2935	ok	1247	0.27	0.0	0.0	406,0,0	1242	0.27	0.0	0.0	406,0,0
		1589	0.27	0.0	0.0	414,0,0	1591	0.26	0.0	0.0	414,0,0
2936	ok	1242	0.25	0.0	0.0	414,0,0	1240	0.24	0.0	0.0	414,0,0
		1304	0.23	0.0	0.0	414,0,0	1589	0.24	0.0	0.0	414,0,0
2937	ok	1240	0.21	0.0	0.0	414,0,0	1229	0.21	0.0	0.0	414,0,0
		1294	0.21	0.0	0.0	414,0,0	1304	0.21	0.0	0.0	414,0,0
2938	ok	1229	0.19	0.0	0.0	418,0,0	1227	0.19	0.0	0.0	418,0,0
		1288	0.20	0.0	0.0	402,0,0	1294	0.20	0.0	0.0	402,0,0
2939	ok	1227	0.24	0.0	0.0	412,0,0	1215	0.23	0.0	0.0	418,0,0
		1286	0.23	0.0	0.0	402,0,0	1288	0.23	0.0	0.0	418,0,0
2940	ok	1215	0.27	0.0	0.0	392,0,0	1206	0.26	0.0	0.0	412,0,0
		1282	0.25	0.0	0.0	402,0,0	1286	0.24	0.0	0.0	418,0,0

Firmato digitalmente da: Fogliani Massimo
Firmato il 10/10/2024 18:24
Serial Certificato: 2902265
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature CA

2941	ok	1206	0.26	0.0	0.0	392,0,0	1200	0.27	0.0	0.0	412,0,0
		1251	0.27	0.0	0.0	414,0,0	1282	0.24	0.0	0.0	416,0,0
2942	ok	1200	0.35	0.0	0.0	392,0,0	3484	0.31	0.0	0.0	412,0,0
		3482	0.27	0.0	0.0	412,0,0	1251	0.28	0.0	0.0	416,0,0
2943	ok	3747	0.23	0.0	0.0	406,0,0	1613	0.25	0.0	0.0	406,0,0
		1854	0.25	0.0	0.0	398,0,0	3745	0.26	0.0	0.0	398,0,0
2944	ok	1613	0.24	0.0	0.0	406,0,0	1591	0.26	0.0	0.0	406,0,0
		1852	0.23	0.0	0.0	406,0,0	1854	0.22	0.0	0.0	406,0,0
2945	ok	1591	0.26	0.0	0.0	414,0,0	1589	0.26	0.0	0.0	414,0,0
		1777	0.24	0.0	0.0	414,0,0	1852	0.24	0.0	0.0	414,0,0
2946	ok	1589	0.25	0.0	0.0	414,0,0	1304	0.25	0.0	0.0	414,0,0
		1775	0.23	0.0	0.0	414,0,0	1777	0.21	0.0	0.0	414,0,0
2947	ok	1304	0.22	0.0	0.0	414,0,0	1294	0.22	0.0	0.0	414,0,0
		1771	0.22	0.0	0.0	414,0,0	1775	0.21	0.0	0.0	414,0,0
2948	ok	1294	0.21	0.0	0.0	402,0,0	1288	0.21	0.0	0.0	402,0,0
		1769	0.23	0.0	0.0	418,0,0	1771	0.23	0.0	0.0	418,0,0
2949	ok	1288	0.24	0.0	0.0	418,0,0	1286	0.23	0.0	0.0	418,0,0
		1662	0.23	0.0	0.0	402,0,0	1769	0.23	0.0	0.0	398,0,0
2950	ok	1286	0.25	0.0	0.0	418,0,0	1282	0.25	0.0	0.0	418,0,0
		1660	0.24	0.0	0.0	418,0,0	1662	0.24	0.0	0.0	418,0,0
2951	ok	1282	0.27	0.0	0.0	412,0,0	1251	0.25	0.0	0.0	412,0,0
		1658	0.24	0.0	0.0	412,0,0	1660	0.26	0.0	0.0	416,0,0
2952	ok	1251	0.28	0.0	0.0	392,0,0	3482	0.26	0.0	0.0	412,0,0
		3480	0.23	0.0	0.0	412,0,0	1658	0.25	0.0	0.0	412,0,0
2953	ok	3745	0.22	0.0	0.0	398,0,0	1854	0.22	0.0	0.0	398,0,0
		1872	0.25	0.0	0.0	398,0,0	3743	0.25	0.0	0.0	398,0,0
2954	ok	1854	0.19	0.0	0.0	406,0,0	1852	0.22	0.0	0.0	406,0,0
		1870	0.21	0.0	0.0	406,0,0	1872	0.19	0.0	0.0	408,0,0
2955	ok	1852	0.21	0.0	0.0	408,0,0	1777	0.23	0.0	0.0	408,0,0
		1868	0.22	0.0	0.0	408,0,0	1870	0.20	0.0	0.0	408,0,0
2956	ok	1777	0.22	0.0	0.0	414,0,0	1775	0.23	0.0	0.0	416,0,0
		1866	0.21	0.0	0.0	414,0,0	1868	0.20	0.0	0.0	414,0,0
2957	ok	1775	0.22	0.0	0.0	414,0,0	1771	0.22	0.0	0.0	414,0,0
		1864	0.20	0.0	0.0	414,0,0	1866	0.20	0.0	0.0	414,0,0
2958	ok	1771	0.23	0.0	0.0	418,0,0	1769	0.23	0.0	0.0	418,0,0
		1862	0.21	0.0	0.0	418,0,0	1864	0.21	0.0	0.0	418,0,0
2959	ok	1769	0.23	0.0	0.0	398,0,0	1662	0.22	0.0	0.0	402,0,0
		1860	0.20	0.0	0.0	402,0,0	1862	0.21	0.0	0.0	398,0,0
2960	ok	1662	0.24	0.0	0.0	412,0,0	1660	0.22	0.0	0.0	418,0,0
		1858	0.20	0.0	0.0	412,0,0	1860	0.23	0.0	0.0	412,0,0
2961	ok	1660	0.24	0.0	0.0	416,0,0	1658	0.21	0.0	0.0	412,0,0
		1856	0.20	0.0	0.0	412,0,0	1858	0.23	0.0	0.0	416,0,0
2962	ok	1658	0.22	0.0	0.0	412,0,0	3480	0.18	0.0	0.0	388,0,0
		3478	0.20	0.0	0.0	412,0,0	1856	0.21	0.0	0.0	412,0,0
2963	ok	3743	0.20	0.0	0.0	402,0,0	1872	0.21	0.0	0.0	402,0,0
		1890	0.23	0.0	0.0	402,0,0	3741	0.22	0.0	0.0	402,0,0
2964	ok	1872	0.13	0.0	0.0	408,0,0	1870	0.16	0.0	0.0	408,0,0
		1888	0.16	0.0	0.0	408,0,0	1890	0.13	0.0	0.0	408,0,0
2965	ok	1870	0.16	0.0	0.0	416,0,0	1868	0.19	0.0	0.0	408,0,0
		1886	0.18	0.0	0.0	408,0,0	1888	0.14	0.0	0.0	408,0,0
2966	ok	1868	0.18	0.0	0.0	416,0,0	1866	0.20	0.0	0.0	416,0,0
		1884	0.17	0.0	0.0	402,0,0	1886	0.17	0.0	0.0	402,0,0
2967	ok	1866	0.19	0.0	0.0	414,0,0	1864	0.19	0.0	0.0	414,0,0
		1882	0.18	0.0	0.0	402,0,0	1884	0.18	0.0	0.0	402,0,0
2968	ok	1864	0.21	0.0	0.0	418,0,0	1862	0.20	0.0	0.0	418,0,0
		1880	0.17	0.0	0.0	418,0,0	1882	0.18	0.0	0.0	402,0,0
2969	ok	1862	0.20	0.0	0.0	390,0,0	1860	0.19	0.0	0.0	393,0,0
		1878	0.16	0.0	0.0	393,0,0	1880	0.17	0.0	0.0	393,0,0
2970	ok	1860	0.20	0.0	0.0	412,0,0	1858	0.17	0.0	0.0	412,0,0
		1876	0.15	0.0	0.0	412,0,0	1878	0.19	0.0	0.0	412,0,0
2971	ok	1858	0.20	0.0	0.0	416,0,0	1856	0.15	0.0	0.0	400,0,0
		1874	0.15	0.0	0.0	416,0,0	1876	0.20	0.0	0.0	416,0,0
2972	ok	1856	0.16	0.0	0.0	392,0,0	3478	0.16	0.0	0.0	396,0,0
		3476	0.16	0.0	0.0	396,0,0	1874	0.16	0.0	0.0	396,0,0
2973	ok	3741	0.18	0.0	0.0	402,0,0	1890	0.19	0.0	0.0	402,0,0
		1908	0.18	0.0	0.0	402,0,0	3739	0.17	0.0	0.0	402,0,0
2974	ok	1890	0.11	0.0	0.0	402,0,0	1888	0.12	0.0	0.0	408,0,0
		1906	0.12	0.0	0.0	408,0,0	1908	0.11	0.0	0.0	402,0,0

Firmato digitalmente da: Fogliani Massimo
Firmato il 6/10/2024 18:24
Serial Certificato: 2f02f65
Valido dal 06/09/2023 al
In base a Qualified Electronic Signature

2975	ok	1888	0.14	0.0	0.0	402,0,0	1886	0.15	0.0	0.0	402,0,0
		1904	0.14	0.0	0.0	398,0,0	1906	0.14	0.0	0.0	398,0,0
2976	ok	1886	0.16	0.0	0.0	402,0,0	1884	0.16	0.0	0.0	402,0,0
		1902	0.15	0.0	0.0	402,0,0	1904	0.15	0.0	0.0	402,0,0
2977	ok	1884	0.17	0.0	0.0	402,0,0	1882	0.17	0.0	0.0	402,0,0
		1900	0.15	0.0	0.0	418,0,0	1902	0.16	0.0	0.0	402,0,0
2978	ok	1882	0.17	0.0	0.0	402,0,0	1880	0.16	0.0	0.0	402,0,0
		1898	0.15	0.0	0.0	396,0,0	1900	0.15	0.0	0.0	402,0,0
2979	ok	1880	0.17	0.0	0.0	393,0,0	1878	0.16	0.0	0.0	393,0,0
		1896	0.14	0.0	0.0	396,0,0	1898	0.15	0.0	0.0	396,0,0
2980	ok	1878	0.16	0.0	0.0	412,0,0	1876	0.13	0.0	0.0	393,0,0
		1894	0.12	0.0	0.0	393,0,0	1896	0.14	0.0	0.0	412,0,0
2981	ok	1876	0.14	0.0	0.0	412,0,0	1874	0.11	0.0	0.0	400,0,0
		1892	0.12	0.0	0.0	400,0,0	1894	0.14	0.0	0.0	392,0,0
2982	ok	1874	0.14	0.0	0.0	396,0,0	3476	0.13	0.0	0.0	396,0,0
		3474	0.12	0.0	0.0	392,0,0	1892	0.14	0.0	0.0	400,0,0
2983	ok	3739	0.13	0.0	0.0	402,0,0	1908	0.14	0.0	0.0	402,0,0
		1968	0.18	0.0	0.0	398,0,0	3737	0.17	0.0	0.0	402,0,0
2984	ok	1908	0.11	0.0	0.0	402,0,0	1906	0.11	0.0	0.0	402,0,0
		1965	0.11	0.0	0.0	402,0,0	1968	0.11	0.0	0.0	402,0,0
2985	ok	1906	0.13	0.0	0.0	402,0,0	1904	0.12	0.0	0.0	398,0,0
		1934	0.11	0.0	0.0	397,0,0	1965	0.12	0.0	0.0	402,0,0
2986	ok	1904	0.13	0.0	0.0	402,0,0	1902	0.13	0.0	0.0	402,0,0
		1932	0.11	0.0	0.0	402,0,0	1934	0.12	0.0	0.0	402,0,0
2987	ok	1902	0.13	0.0	0.0	402,0,0	1900	0.13	0.0	0.0	418,0,0
		1929	0.11	0.0	0.0	396,0,0	1932	0.12	0.0	0.0	402,0,0
2988	ok	1900	0.13	0.0	0.0	402,0,0	1898	0.13	0.0	0.0	402,0,0
		1916	0.12	0.0	0.0	408,0,0	1929	0.11	0.0	0.0	396,0,0
2989	ok	1898	0.13	0.0	0.0	393,0,0	1896	0.13	0.0	0.0	393,0,0
		1914	0.11	0.0	0.0	396,0,0	1916	0.11	0.0	0.0	396,0,0
2990	ok	1896	0.12	0.0	0.0	390,0,0	1894	0.12	0.0	0.0	393,0,0
		1912	0.11	0.0	0.0	408,0,0	1914	0.10	0.0	0.0	396,0,0
2991	ok	1894	0.11	0.0	0.0	408,0,0	1892	0.11	0.0	0.0	408,0,0
		1910	0.11	0.0	0.0	408,0,0	1912	0.13	0.0	0.0	392,0,0
2992	ok	1892	0.10	0.0	0.0	404,0,0	3474	0.11	0.0	0.0	404,0,0
		3472	0.16	0.0	0.0	412,0,0	1910	0.16	0.0	0.0	412,0,0
2993	ok	3737	0.16	0.0	0.0	402,0,0	1968	0.16	0.0	0.0	414,0,0
		3939	0.20	0.0	0.0	414,0,0	3620	0.20	0.0	0.0	410,0,0
2994	ok	1968	0.17	0.0	0.0	418,0,0	1965	0.08	0.0	0.0	401,0,0
		3937	0.18	0.0	0.0	394,0,0	3939	0.16	0.0	0.0	416,0,0
2995	ok	1965	0.10	0.0	0.0	409,0,0	1934	0.07	0.0	0.0	397,0,0
		3935	0.07	0.0	0.0	396,0,0	3937	0.09	0.0	0.0	418,0,0
2996	ok	1934	0.09	0.0	0.0	402,0,0	1932	0.08	0.0	0.0	418,0,0
		3933	0.07	0.0	0.0	396,0,0	3935	0.07	0.0	0.0	402,0,0
2997	ok	1932	0.09	0.0	0.0	418,0,0	1929	0.08	0.0	0.0	418,0,0
		3931	0.07	0.0	0.0	396,0,0	3933	0.07	0.0	0.0	396,0,0
2998	ok	1929	0.08	0.0	0.0	408,0,0	1916	0.09	0.0	0.0	408,0,0
		3929	0.07	0.0	0.0	396,0,0	3931	0.07	0.0	0.0	408,0,0
2999	ok	1916	0.08	0.0	0.0	390,0,0	1914	0.08	0.0	0.0	390,0,0
		3927	0.07	0.0	0.0	396,0,0	3929	0.07	0.0	0.0	408,0,0
3000	ok	1914	0.08	0.0	0.0	413,0,0	1912	0.09	0.0	0.0	393,0,0
		3925	0.08	0.0	0.0	400,0,0	3927	0.06	0.0	0.0	418,0,0
3001	ok	1912	0.08	0.0	0.0	400,0,0	1910	0.17	0.0	0.0	408,0,0
		3923	0.19	0.0	0.0	387,0,0	3925	0.21	0.0	0.0	392,0,0
3002	ok	1910	0.17	0.0	0.0	392,0,0	3472	0.17	0.0	0.0	392,0,0
		3355	0.20	0.0	0.0	412,0,0	3923	0.20	0.0	0.0	404,0,0
3003	ok	3620	0.27	0.0	0.0	404,0,0	3939	0.33	0.0	0.0	410,0,0
		2464	0.20	0.0	0.0	410,0,0	3751	0.12	0.0	0.0	406,0,0
3004	ok	3939	0.22	0.0	0.0	394,0,0	3937	0.21	0.0	0.0	394,0,0
		2462	0.09	0.0	0.0	418,0,0	2464	0.10	0.0	0.0	416,0,0
3005	ok	3937	0.10	0.0	0.0	418,0,0	3935	0.09	0.0	0.0	396,0,0
		2460	0.13	0.0	0.0	408,0,0	2462	0.12	0.0	0.0	406,0,0
3006	ok	3935	0.09	0.0	0.0	396,0,0	3933	0.08	0.0	0.0	396,0,0
		2458	0.10	0.0	0.0	396,0,0	2460	0.11	0.0	0.0	396,0,0
3007	ok	3933	0.08	0.0	0.0	396,0,0	3931	0.07	0.0	0.0	396,0,0
		2456	0.09	0.0	0.0	408,0,0	2458	0.09	0.0	0.0	408,0,0
3008	ok	3931	0.07	0.0	0.0	418,0,0	3929	0.07	0.0	0.0	418,0,0
		2346	0.09	0.0	0.0	418,0,0	2456	0.09	0.0	0.0	418,0,0

Firmato digitalmente da: Fogagni Massimo
Firmato il 10/10/2024 18:24
Serial Certificato: 2f02f65
Valido dal 07/09/2023 al
In base a Qualified Electronic Signature

3009	ok	3929	0.07	0.0	0.0	418,0,0	3927	0.08	0.0	0.0	418,0,0
		2344	0.11	0.0	0.0	418,0,0	2346	0.10	0.0	0.0	418,0,0
3010	ok	3927	0.12	0.0	0.0	412,0,0	3925	0.11	0.0	0.0	412,0,0
		2339	0.14	0.0	0.0	412,0,0	2344	0.15	0.0	0.0	412,0,0
3011	ok	3925	0.22	0.0	0.0	388,0,0	3923	0.21	0.0	0.0	388,0,0
		2334	0.12	0.0	0.0	418,0,0	2339	0.09	0.0	0.0	408,0,0
3012	ok	3923	0.34	0.0	0.0	414,0,0	3355	0.27	0.0	0.0	414,0,0
		3486	0.14	0.0	0.0	412,0,0	2334	0.21	0.0	0.0	416,0,0
3013	ok	3751	0.10	0.0	0.0	406,0,0	2464	0.14	0.0	0.0	406,0,0
		2823	0.11	0.0	0.0	406,0,0	3753	0.09	0.0	0.0	402,0,0
3014	ok	2464	0.11	0.0	0.0	418,0,0	2462	0.10	0.0	0.0	418,0,0
		2817	0.10	0.0	0.0	396,0,0	2823	0.12	0.0	0.0	408,0,0
3015	ok	2462	0.13	0.0	0.0	408,0,0	2460	0.13	0.0	0.0	396,0,0
		2813	0.13	0.0	0.0	408,0,0	2817	0.14	0.0	0.0	404,0,0
3016	ok	2460	0.13	0.0	0.0	408,0,0	2458	0.13	0.0	0.0	408,0,0
		2811	0.14	0.0	0.0	408,0,0	2813	0.15	0.0	0.0	408,0,0
3017	ok	2458	0.12	0.0	0.0	408,0,0	2456	0.12	0.0	0.0	408,0,0
		2778	0.14	0.0	0.0	408,0,0	2811	0.14	0.0	0.0	408,0,0
3018	ok	2456	0.12	0.0	0.0	418,0,0	2346	0.12	0.0	0.0	418,0,0
		2776	0.13	0.0	0.0	418,0,0	2778	0.13	0.0	0.0	418,0,0
3019	ok	2346	0.13	0.0	0.0	418,0,0	2344	0.13	0.0	0.0	418,0,0
		2756	0.15	0.0	0.0	418,0,0	2776	0.14	0.0	0.0	418,0,0
3020	ok	2344	0.14	0.0	0.0	412,0,0	2339	0.13	0.0	0.0	412,0,0
		2754	0.13	0.0	0.0	412,0,0	2756	0.14	0.0	0.0	412,0,0
3021	ok	2339	0.10	0.0	0.0	412,0,0	2334	0.12	0.0	0.0	412,0,0
		2496	0.13	0.0	0.0	412,0,0	2754	0.12	0.0	0.0	412,0,0
3022	ok	2334	0.15	0.0	0.0	392,0,0	3486	0.10	0.0	0.0	392,0,0
		3488	0.09	0.0	0.0	396,0,0	2496	0.11	0.0	0.0	412,0,0
3023	ok	3753	0.11	0.0	0.0	418,0,0	2823	0.10	0.0	0.0	418,0,0
		3155	0.10	0.0	0.0	418,0,0	3755	0.10	0.0	0.0	418,0,0
3024	ok	2823	0.11	0.0	0.0	418,0,0	2817	0.12	0.0	0.0	406,0,0
		3153	0.12	0.0	0.0	406,0,0	3155	0.11	0.0	0.0	418,0,0
3025	ok	2817	0.14	0.0	0.0	408,0,0	2813	0.15	0.0	0.0	408,0,0
		2943	0.15	0.0	0.0	408,0,0	3153	0.14	0.0	0.0	408,0,0
3026	ok	2813	0.16	0.0	0.0	408,0,0	2811	0.17	0.0	0.0	408,0,0
		2933	0.17	0.0	0.0	408,0,0	2943	0.17	0.0	0.0	408,0,0
3027	ok	2811	0.16	0.0	0.0	408,0,0	2778	0.16	0.0	0.0	408,0,0
		2927	0.17	0.0	0.0	408,0,0	2933	0.17	0.0	0.0	408,0,0
3028	ok	2778	0.16	0.0	0.0	418,0,0	2776	0.16	0.0	0.0	418,0,0
		2925	0.17	0.0	0.0	418,0,0	2927	0.17	0.0	0.0	418,0,0
3029	ok	2776	0.16	0.0	0.0	418,0,0	2756	0.17	0.0	0.0	418,0,0
		2921	0.17	0.0	0.0	418,0,0	2925	0.17	0.0	0.0	418,0,0
3030	ok	2756	0.16	0.0	0.0	418,0,0	2754	0.15	0.0	0.0	412,0,0
		2890	0.16	0.0	0.0	412,0,0	2921	0.16	0.0	0.0	418,0,0
3031	ok	2754	0.14	0.0	0.0	412,0,0	2496	0.11	0.0	0.0	412,0,0
		2888	0.10	0.0	0.0	412,0,0	2890	0.13	0.0	0.0	412,0,0
3032	ok	2496	0.09	0.0	0.0	412,0,0	3488	0.09	0.0	0.0	416,0,0
		3490	0.09	0.0	0.0	416,0,0	2888	0.09	0.0	0.0	416,0,0
3033	ok	3755	0.11	0.0	0.0	418,0,0	3155	0.11	0.0	0.0	418,0,0
		3276	0.11	0.0	0.0	418,0,0	3757	0.11	0.0	0.0	418,0,0
3034	ok	3155	0.12	0.0	0.0	418,0,0	3153	0.12	0.0	0.0	418,0,0
		3267	0.12	0.0	0.0	418,0,0	3276	0.12	0.0	0.0	418,0,0
3035	ok	3153	0.14	0.0	0.0	406,0,0	2943	0.15	0.0	0.0	410,0,0
		3251	0.15	0.0	0.0	410,0,0	3267	0.14	0.0	0.0	410,0,0
3036	ok	2943	0.17	0.0	0.0	408,0,0	2933	0.18	0.0	0.0	408,0,0
		3237	0.18	0.0	0.0	408,0,0	3251	0.16	0.0	0.0	410,0,0
3037	ok	2933	0.18	0.0	0.0	408,0,0	2927	0.19	0.0	0.0	408,0,0
		3232	0.19	0.0	0.0	408,0,0	3237	0.18	0.0	0.0	408,0,0
3038	ok	2927	0.18	0.0	0.0	418,0,0	2925	0.18	0.0	0.0	418,0,0
		3230	0.18	0.0	0.0	408,0,0	3232	0.19	0.0	0.0	408,0,0
3039	ok	2925	0.18	0.0	0.0	418,0,0	2921	0.17	0.0	0.0	418,0,0
		3228	0.17	0.0	0.0	418,0,0	3230	0.18	0.0	0.0	418,0,0
3040	ok	2921	0.16	0.0	0.0	412,0,0	2890	0.15	0.0	0.0	412,0,0
		3222	0.14	0.0	0.0	412,0,0	3228	0.16	0.0	0.0	412,0,0
3041	ok	2890	0.13	0.0	0.0	412,0,0	2888	0.12	0.0	0.0	408,0,0
		3211	0.12	0.0	0.0	408,0,0	3222	0.13	0.0	0.0	412,0,0
3042	ok	2888	0.11	0.0	0.0	408,0,0	3490	0.11	0.0	0.0	408,0,0
		3492	0.11	0.0	0.0	408,0,0	3211	0.11	0.0	0.0	408,0,0

Firmato digitalmente da: Fogliati Massimo
Firmato il 10/10/2024 18:24
Serial Certificato: 2902265
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature CA

3043	ok	3757	0.11	0.0	0.0	418,0,0	3276	0.11	0.0	0.0	418,0,0
		3344	0.11	0.0	0.0	418,0,0	3759	0.11	0.0	0.0	418,0,0
3044	ok	3276	0.12	0.0	0.0	418,0,0	3267	0.13	0.0	0.0	418,0,0
		3340	0.13	0.0	0.0	418,0,0	3344	0.12	0.0	0.0	418,0,0
3045	ok	3267	0.14	0.0	0.0	418,0,0	3251	0.16	0.0	0.0	418,0,0
		3336	0.16	0.0	0.0	418,0,0	3340	0.14	0.0	0.0	418,0,0
3046	ok	3251	0.16	0.0	0.0	418,0,0	3237	0.18	0.0	0.0	418,0,0
		3332	0.18	0.0	0.0	418,0,0	3336	0.17	0.0	0.0	418,0,0
3047	ok	3237	0.18	0.0	0.0	418,0,0	3232	0.19	0.0	0.0	408,0,0
		3328	0.18	0.0	0.0	408,0,0	3332	0.18	0.0	0.0	418,0,0
3048	ok	3232	0.19	0.0	0.0	408,0,0	3230	0.18	0.0	0.0	408,0,0
		3324	0.18	0.0	0.0	408,0,0	3328	0.19	0.0	0.0	408,0,0
3049	ok	3230	0.18	0.0	0.0	408,0,0	3228	0.16	0.0	0.0	408,0,0
		3320	0.17	0.0	0.0	408,0,0	3324	0.18	0.0	0.0	408,0,0
3050	ok	3228	0.16	0.0	0.0	408,0,0	3222	0.14	0.0	0.0	408,0,0
		3316	0.14	0.0	0.0	408,0,0	3320	0.16	0.0	0.0	408,0,0
3051	ok	3222	0.13	0.0	0.0	408,0,0	3211	0.12	0.0	0.0	408,0,0
		3312	0.12	0.0	0.0	408,0,0	3316	0.13	0.0	0.0	408,0,0
3052	ok	3211	0.11	0.0	0.0	408,0,0	3492	0.11	0.0	0.0	408,0,0
		3494	0.11	0.0	0.0	408,0,0	3312	0.11	0.0	0.0	408,0,0
3053	ok	3759	0.11	0.0	0.0	418,0,0	3344	0.11	0.0	0.0	418,0,0
		3455	0.12	0.0	0.0	418,0,0	3761	0.12	0.0	0.0	418,0,0
3054	ok	3344	0.12	0.0	0.0	418,0,0	3340	0.13	0.0	0.0	418,0,0
		3453	0.13	0.0	0.0	418,0,0	3455	0.12	0.0	0.0	418,0,0
3055	ok	3340	0.14	0.0	0.0	418,0,0	3336	0.15	0.0	0.0	418,0,0
		3450	0.15	0.0	0.0	418,0,0	3453	0.14	0.0	0.0	418,0,0
3056	ok	3336	0.16	0.0	0.0	418,0,0	3332	0.16	0.0	0.0	418,0,0
		3447	0.16	0.0	0.0	418,0,0	3450	0.15	0.0	0.0	418,0,0
3057	ok	3332	0.17	0.0	0.0	418,0,0	3328	0.16	0.0	0.0	418,0,0
		3445	0.16	0.0	0.0	418,0,0	3447	0.16	0.0	0.0	418,0,0
3058	ok	3328	0.17	0.0	0.0	408,0,0	3324	0.17	0.0	0.0	408,0,0
		3379	0.16	0.0	0.0	408,0,0	3445	0.16	0.0	0.0	408,0,0
3059	ok	3324	0.16	0.0	0.0	408,0,0	3320	0.16	0.0	0.0	408,0,0
		3376	0.15	0.0	0.0	408,0,0	3379	0.16	0.0	0.0	408,0,0
3060	ok	3320	0.15	0.0	0.0	408,0,0	3316	0.14	0.0	0.0	408,0,0
		3374	0.14	0.0	0.0	408,0,0	3376	0.15	0.0	0.0	408,0,0
3061	ok	3316	0.13	0.0	0.0	408,0,0	3312	0.12	0.0	0.0	408,0,0
		3372	0.12	0.0	0.0	408,0,0	3374	0.13	0.0	0.0	408,0,0
3062	ok	3312	0.11	0.0	0.0	408,0,0	3494	0.12	0.0	0.0	408,0,0
		3496	0.12	0.0	0.0	408,0,0	3372	0.12	0.0	0.0	408,0,0
3063	ok	3761	0.12	0.0	0.0	418,0,0	3455	0.12	0.0	0.0	418,0,0
		3519	0.12	0.0	0.0	418,0,0	3763	0.12	0.0	0.0	418,0,0
3064	ok	3455	0.12	0.0	0.0	418,0,0	3453	0.11	0.0	0.0	418,0,0
		3515	0.11	0.0	0.0	418,0,0	3519	0.12	0.0	0.0	418,0,0
3065	ok	3453	0.13	0.0	0.0	418,0,0	3450	0.13	0.0	0.0	418,0,0
		3511	0.12	0.0	0.0	418,0,0	3515	0.12	0.0	0.0	418,0,0
3066	ok	3450	0.13	0.0	0.0	418,0,0	3447	0.13	0.0	0.0	418,0,0
		3507	0.12	0.0	0.0	418,0,0	3511	0.12	0.0	0.0	418,0,0
3067	ok	3447	0.14	0.0	0.0	418,0,0	3445	0.13	0.0	0.0	418,0,0
		3503	0.12	0.0	0.0	418,0,0	3507	0.12	0.0	0.0	418,0,0
3068	ok	3445	0.13	0.0	0.0	408,0,0	3379	0.13	0.0	0.0	408,0,0
		3499	0.12	0.0	0.0	408,0,0	3503	0.12	0.0	0.0	408,0,0
3069	ok	3379	0.13	0.0	0.0	408,0,0	3376	0.14	0.0	0.0	408,0,0
		3495	0.12	0.0	0.0	408,0,0	3499	0.12	0.0	0.0	408,0,0
3070	ok	3376	0.13	0.0	0.0	408,0,0	3374	0.13	0.0	0.0	408,0,0
		3491	0.12	0.0	0.0	408,0,0	3495	0.11	0.0	0.0	396,0,0
3071	ok	3374	0.11	0.0	0.0	408,0,0	3372	0.13	0.0	0.0	408,0,0
		3487	0.13	0.0	0.0	408,0,0	3491	0.11	0.0	0.0	408,0,0
3072	ok	3372	0.12	0.0	0.0	408,0,0	3496	0.12	0.0	0.0	408,0,0
		3498	0.12	0.0	0.0	408,0,0	3487	0.12	0.0	0.0	408,0,0
3073	ok	3763	0.13	0.0	0.0	418,0,0	3519	0.12	0.0	0.0	418,0,0
		3966	0.22	0.0	0.0	415,0,0	3626	0.19	0.0	0.0	407,0,0
3074	ok	3519	0.13	0.0	0.0	418,0,0	3515	0.09	0.0	0.0	416,0,0
		3964	0.18	0.0	0.0	390,0,0	3966	0.17	0.0	0.0	390,0,0
3075	ok	3515	0.10	0.0	0.0	403,0,0	3511	0.09	0.0	0.0	412,0,0
		3962	0.08	0.0	0.0	418,0,0	3964	0.09	0.0	0.0	412,0,0
3076	ok	3511	0.10	0.0	0.0	412,0,0	3507	0.09	0.0	0.0	412,0,0
		3960	0.07	0.0	0.0	412,0,0	3962	0.08	0.0	0.0	412,0,0

Firmato digitalmente da: Fogliani Massimo
Firmato il 10/10/2024 18:24
Serial Certificato: 2902265
Valido dal 07/09/2023 al
In base a Qualified Electronic Signature

3077	ok	3507	0.09	0.0	0.0	418,0,0	3503	0.09	0.0	0.0	418,0,0
		3958	0.07	0.0	0.0	408,0,0	3960	0.08	0.0	0.0	418,0,0
3078	ok	3503	0.09	0.0	0.0	408,0,0	3499	0.09	0.0	0.0	406,0,0
		3956	0.08	0.0	0.0	408,0,0	3958	0.08	0.0	0.0	408,0,0
3079	ok	3499	0.09	0.0	0.0	406,0,0	3495	0.10	0.0	0.0	406,0,0
		3954	0.08	0.0	0.0	406,0,0	3956	0.07	0.0	0.0	406,0,0
3080	ok	3495	0.09	0.0	0.0	406,0,0	3491	0.09	0.0	0.0	405,0,0
		3952	0.09	0.0	0.0	406,0,0	3954	0.08	0.0	0.0	408,0,0
3081	ok	3491	0.09	0.0	0.0	410,0,0	3487	0.13	0.0	0.0	408,0,0
		3950	0.17	0.0	0.0	392,0,0	3952	0.18	0.0	0.0	392,0,0
3082	ok	3487	0.12	0.0	0.0	408,0,0	3498	0.13	0.0	0.0	408,0,0
		3361	0.19	0.0	0.0	417,0,0	3950	0.21	0.0	0.0	417,0,0
3083	ok	3626	0.17	0.0	0.0	405,0,0	3966	0.17	0.0	0.0	404,0,0
		3643	0.13	0.0	0.0	418,0,0	3765	0.13	0.0	0.0	418,0,0
3084	ok	3966	0.17	0.0	0.0	394,0,0	3964	0.17	0.0	0.0	390,0,0
		3640	0.09	0.0	0.0	418,0,0	3643	0.13	0.0	0.0	410,0,0
3085	ok	3964	0.10	0.0	0.0	418,0,0	3962	0.07	0.0	0.0	404,0,0
		3638	0.09	0.0	0.0	408,0,0	3640	0.10	0.0	0.0	408,0,0
3086	ok	3962	0.08	0.0	0.0	408,0,0	3960	0.07	0.0	0.0	408,0,0
		3635	0.09	0.0	0.0	408,0,0	3638	0.10	0.0	0.0	408,0,0
3087	ok	3960	0.08	0.0	0.0	408,0,0	3958	0.08	0.0	0.0	408,0,0
		3633	0.09	0.0	0.0	408,0,0	3635	0.09	0.0	0.0	408,0,0
3088	ok	3958	0.07	0.0	0.0	406,0,0	3956	0.08	0.0	0.0	418,0,0
		3631	0.09	0.0	0.0	418,0,0	3633	0.09	0.0	0.0	418,0,0
3089	ok	3956	0.07	0.0	0.0	418,0,0	3954	0.08	0.0	0.0	418,0,0
		3628	0.09	0.0	0.0	418,0,0	3631	0.09	0.0	0.0	418,0,0
3090	ok	3954	0.07	0.0	0.0	418,0,0	3952	0.10	0.0	0.0	406,0,0
		3625	0.10	0.0	0.0	406,0,0	3628	0.09	0.0	0.0	418,0,0
3091	ok	3952	0.17	0.0	0.0	392,0,0	3950	0.16	0.0	0.0	388,0,0
		3623	0.13	0.0	0.0	416,0,0	3625	0.10	0.0	0.0	406,0,0
3092	ok	3950	0.17	0.0	0.0	414,0,0	3361	0.17	0.0	0.0	417,0,0
		3500	0.11	0.0	0.0	411,0,0	3623	0.12	0.0	0.0	399,0,0
3093	ok	3765	0.11	0.0	0.0	418,0,0	3643	0.12	0.0	0.0	405,0,0
		3762	0.11	0.0	0.0	415,0,0	3767	0.11	0.0	0.0	414,0,0
3094	ok	3643	0.12	0.0	0.0	414,0,0	3640	0.11	0.0	0.0	406,0,0
		3758	0.11	0.0	0.0	406,0,0	3762	0.11	0.0	0.0	414,0,0
3095	ok	3640	0.12	0.0	0.0	406,0,0	3638	0.11	0.0	0.0	408,0,0
		3754	0.12	0.0	0.0	408,0,0	3758	0.12	0.0	0.0	406,0,0
3096	ok	3638	0.12	0.0	0.0	408,0,0	3635	0.12	0.0	0.0	408,0,0
		3750	0.13	0.0	0.0	408,0,0	3754	0.14	0.0	0.0	408,0,0
3097	ok	3635	0.12	0.0	0.0	408,0,0	3633	0.12	0.0	0.0	408,0,0
		3746	0.13	0.0	0.0	408,0,0	3750	0.14	0.0	0.0	408,0,0
3098	ok	3633	0.12	0.0	0.0	418,0,0	3631	0.12	0.0	0.0	412,0,0
		3742	0.13	0.0	0.0	412,0,0	3746	0.13	0.0	0.0	412,0,0
3099	ok	3631	0.12	0.0	0.0	418,0,0	3628	0.12	0.0	0.0	418,0,0
		3738	0.13	0.0	0.0	418,0,0	3742	0.13	0.0	0.0	418,0,0
3100	ok	3628	0.11	0.0	0.0	418,0,0	3625	0.12	0.0	0.0	412,0,0
		3735	0.13	0.0	0.0	412,0,0	3738	0.12	0.0	0.0	418,0,0
3101	ok	3625	0.11	0.0	0.0	412,0,0	3623	0.12	0.0	0.0	404,0,0
		3732	0.12	0.0	0.0	408,0,0	3735	0.11	0.0	0.0	412,0,0
3102	ok	3623	0.12	0.0	0.0	411,0,0	3500	0.15	0.0	0.0	403,0,0
		3502	0.12	0.0	0.0	408,0,0	3732	0.11	0.0	0.0	408,0,0
3103	ok	3767	0.13	0.0	0.0	417,0,0	3762	0.16	0.0	0.0	415,0,0
		3834	0.16	0.0	0.0	413,0,0	3769	0.15	0.0	0.0	413,0,0
3104	ok	3762	0.11	0.0	0.0	414,0,0	3758	0.11	0.0	0.0	406,0,0
		3830	0.11	0.0	0.0	406,0,0	3834	0.11	0.0	0.0	418,0,0
3105	ok	3758	0.12	0.0	0.0	406,0,0	3754	0.15	0.0	0.0	406,0,0
		3826	0.14	0.0	0.0	406,0,0	3830	0.13	0.0	0.0	406,0,0
3106	ok	3754	0.15	0.0	0.0	408,0,0	3750	0.16	0.0	0.0	408,0,0
		3822	0.16	0.0	0.0	408,0,0	3826	0.16	0.0	0.0	408,0,0
3107	ok	3750	0.16	0.0	0.0	408,0,0	3746	0.16	0.0	0.0	408,0,0
		3818	0.17	0.0	0.0	408,0,0	3822	0.17	0.0	0.0	408,0,0
3108	ok	3746	0.16	0.0	0.0	418,0,0	3742	0.16	0.0	0.0	412,0,0
		3814	0.17	0.0	0.0	412,0,0	3818	0.16	0.0	0.0	412,0,0
3109	ok	3742	0.16	0.0	0.0	412,0,0	3738	0.15	0.0	0.0	412,0,0
		3810	0.16	0.0	0.0	412,0,0	3814	0.16	0.0	0.0	412,0,0
3110	ok	3738	0.15	0.0	0.0	412,0,0	3735	0.13	0.0	0.0	412,0,0
		3806	0.12	0.0	0.0	412,0,0	3810	0.14	0.0	0.0	412,0,0

Firmato digitalmente da: Fogliati Massimo
Firmato il 10/10/2024 18:24
Serial Certificato: 2902265
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature CA

3111	ok	3735	0.12	0.0	0.0	416,0,0	3732	0.11	0.0	0.0	408,0,0
		3802	0.11	0.0	0.0	408,0,0	3806	0.11	0.0	0.0	408,0,0
3112	ok	3732	0.13	0.0	0.0	407,0,0	3502	0.12	0.0	0.0	409,0,0
		3504	0.15	0.0	0.0	403,0,0	3802	0.16	0.0	0.0	403,0,0
3113	ok	3769	0.20	0.0	0.0	413,0,0	3834	0.21	0.0	0.0	413,0,0
		3940	0.21	0.0	0.0	413,0,0	3771	0.19	0.0	0.0	413,0,0
3114	ok	3834	0.12	0.0	0.0	413,0,0	3830	0.15	0.0	0.0	413,0,0
		3936	0.16	0.0	0.0	413,0,0	3940	0.13	0.0	0.0	413,0,0
3115	ok	3830	0.13	0.0	0.0	402,0,0	3826	0.16	0.0	0.0	402,0,0
		3932	0.16	0.0	0.0	414,0,0	3936	0.13	0.0	0.0	414,0,0
3116	ok	3826	0.16	0.0	0.0	410,0,0	3822	0.18	0.0	0.0	408,0,0
		3928	0.18	0.0	0.0	404,0,0	3932	0.16	0.0	0.0	412,0,0
3117	ok	3822	0.18	0.0	0.0	408,0,0	3818	0.18	0.0	0.0	412,0,0
		3924	0.19	0.0	0.0	412,0,0	3928	0.18	0.0	0.0	408,0,0
3118	ok	3818	0.18	0.0	0.0	412,0,0	3814	0.18	0.0	0.0	412,0,0
		3914	0.18	0.0	0.0	416,0,0	3924	0.18	0.0	0.0	412,0,0
3119	ok	3814	0.18	0.0	0.0	412,0,0	3810	0.16	0.0	0.0	412,0,0
		3911	0.16	0.0	0.0	408,0,0	3914	0.18	0.0	0.0	416,0,0
3120	ok	3810	0.17	0.0	0.0	396,0,0	3806	0.13	0.0	0.0	404,0,0
		3907	0.13	0.0	0.0	388,0,0	3911	0.16	0.0	0.0	392,0,0
3121	ok	3806	0.15	0.0	0.0	403,0,0	3802	0.12	0.0	0.0	403,0,0
		3903	0.13	0.0	0.0	403,0,0	3907	0.16	0.0	0.0	403,0,0
3122	ok	3802	0.20	0.0	0.0	403,0,0	3504	0.20	0.0	0.0	403,0,0
		3506	0.19	0.0	0.0	403,0,0	3903	0.19	0.0	0.0	403,0,0
3123	ok	3771	0.25	0.0	0.0	413,0,0	3940	0.25	0.0	0.0	413,0,0
		4040	0.24	0.0	0.0	413,0,0	3773	0.23	0.0	0.0	413,0,0
3124	ok	3940	0.17	0.0	0.0	413,0,0	3936	0.20	0.0	0.0	413,0,0
		4030	0.20	0.0	0.0	413,0,0	4040	0.17	0.0	0.0	413,0,0
3125	ok	3936	0.17	0.0	0.0	390,0,0	3932	0.19	0.0	0.0	406,0,0
		4019	0.19	0.0	0.0	413,0,0	4030	0.16	0.0	0.0	413,0,0
3126	ok	3932	0.17	0.0	0.0	412,0,0	3928	0.18	0.0	0.0	408,0,0
		4015	0.18	0.0	0.0	404,0,0	4019	0.17	0.0	0.0	404,0,0
3127	ok	3928	0.18	0.0	0.0	412,0,0	3924	0.19	0.0	0.0	412,0,0
		4011	0.19	0.0	0.0	412,0,0	4015	0.18	0.0	0.0	412,0,0
3128	ok	3924	0.18	0.0	0.0	412,0,0	3914	0.18	0.0	0.0	416,0,0
		4007	0.18	0.0	0.0	416,0,0	4011	0.18	0.0	0.0	412,0,0
3129	ok	3914	0.18	0.0	0.0	404,0,0	3911	0.17	0.0	0.0	404,0,0
		3996	0.17	0.0	0.0	416,0,0	4007	0.18	0.0	0.0	408,0,0
3130	ok	3911	0.20	0.0	0.0	392,0,0	3907	0.17	0.0	0.0	392,0,0
		3994	0.17	0.0	0.0	392,0,0	3996	0.20	0.0	0.0	392,0,0
3131	ok	3907	0.21	0.0	0.0	395,0,0	3903	0.17	0.0	0.0	407,0,0
		3990	0.18	0.0	0.0	407,0,0	3994	0.22	0.0	0.0	395,0,0
3132	ok	3903	0.25	0.0	0.0	403,0,0	3506	0.23	0.0	0.0	403,0,0
		3508	0.23	0.0	0.0	403,0,0	3990	0.23	0.0	0.0	403,0,0
3133	ok	3773	0.28	0.0	0.0	413,0,0	4040	0.29	0.0	0.0	413,0,0
		4151	0.25	0.0	0.0	413,0,0	3775	0.25	0.0	0.0	413,0,0
3134	ok	4040	0.21	0.0	0.0	417,0,0	4030	0.24	0.0	0.0	417,0,0
		4147	0.25	0.0	0.0	417,0,0	4151	0.21	0.0	0.0	413,0,0
3135	ok	4030	0.20	0.0	0.0	413,0,0	4019	0.22	0.0	0.0	408,0,0
		4136	0.21	0.0	0.0	415,0,0	4147	0.19	0.0	0.0	417,0,0
3136	ok	4019	0.18	0.0	0.0	408,0,0	4015	0.19	0.0	0.0	408,0,0
		4126	0.17	0.0	0.0	408,0,0	4136	0.16	0.0	0.0	408,0,0
3137	ok	4015	0.17	0.0	0.0	404,0,0	4011	0.17	0.0	0.0	412,0,0
		4122	0.17	0.0	0.0	412,0,0	4126	0.17	0.0	0.0	412,0,0
3138	ok	4011	0.16	0.0	0.0	410,0,0	4007	0.16	0.0	0.0	404,0,0
		4118	0.15	0.0	0.0	412,0,0	4122	0.16	0.0	0.0	410,0,0
3139	ok	4007	0.19	0.0	0.0	412,0,0	3996	0.18	0.0	0.0	412,0,0
		4114	0.17	0.0	0.0	392,0,0	4118	0.18	0.0	0.0	392,0,0
3140	ok	3996	0.23	0.0	0.0	392,0,0	3994	0.22	0.0	0.0	400,0,0
		4110	0.21	0.0	0.0	400,0,0	4114	0.22	0.0	0.0	387,0,0
3141	ok	3994	0.26	0.0	0.0	395,0,0	3990	0.21	0.0	0.0	395,0,0
		4100	0.22	0.0	0.0	403,0,0	4110	0.26	0.0	0.0	395,0,0
3142	ok	3990	0.28	0.0	0.0	403,0,0	3508	0.27	0.0	0.0	403,0,0
		3510	0.24	0.0	0.0	409,0,0	4100	0.25	0.0	0.0	387,0,0
3143	ok	3775	0.31	0.0	0.0	413,0,0	4151	0.32	0.0	0.0	413,0,0
		4236	0.28	0.0	0.0	390,0,0	3777	0.28	0.0	0.0	390,0,0
3144	ok	4151	0.24	0.0	0.0	393,0,0	4147	0.25	0.0	0.0	401,0,0
		4222	0.25	0.0	0.0	411,0,0	4236	0.23	0.0	0.0	411,0,0

Firmato digitalmente da: Fogliani Massimo
Firmato il 6/5/2024 18:24
Serial Certificato: 2f02f35
Valido dal 07/09/2023 al
Trust Service Qualified Electronic

3145	ok	4147	0.21	0.0	0.0	413,0,0	4136	0.22	0.0	0.0	396,0,0
		4219	0.21	0.0	0.0	415,0,0	4222	0.21	0.0	0.0	417,0,0
3146	ok	4136	0.17	0.0	0.0	408,0,0	4126	0.18	0.0	0.0	408,0,0
		4217	0.16	0.0	0.0	396,0,0	4219	0.14	0.0	0.0	396,0,0
3147	ok	4126	0.14	0.0	0.0	416,0,0	4122	0.14	0.0	0.0	416,0,0
		4214	0.13	0.0	0.0	416,0,0	4217	0.13	0.0	0.0	416,0,0
3148	ok	4122	0.13	0.0	0.0	404,0,0	4118	0.14	0.0	0.0	404,0,0
		4212	0.12	0.0	0.0	410,0,0	4214	0.12	0.0	0.0	410,0,0
3149	ok	4118	0.19	0.0	0.0	392,0,0	4114	0.18	0.0	0.0	392,0,0
		4209	0.15	0.0	0.0	387,0,0	4212	0.17	0.0	0.0	392,0,0
3150	ok	4114	0.23	0.0	0.0	392,0,0	4110	0.22	0.0	0.0	395,0,0
		4207	0.21	0.0	0.0	387,0,0	4209	0.23	0.0	0.0	392,0,0
3151	ok	4110	0.28	0.0	0.0	387,0,0	4100	0.27	0.0	0.0	387,0,0
		4203	0.25	0.0	0.0	387,0,0	4207	0.27	0.0	0.0	387,0,0
3152	ok	4100	0.31	0.0	0.0	409,0,0	3510	0.31	0.0	0.0	409,0,0
		3512	0.30	0.0	0.0	387,0,0	4203	0.30	0.0	0.0	392,0,0
3153	ok	3777	0.34	0.0	0.0	413,0,0	4236	0.44	0.0	0.0	413,0,0
		3993	0.40	0.0	0.0	415,0,0	3616	0.34	0.0	0.0	415,0,0
3154	ok	4236	0.34	0.0	0.0	415,0,0	4222	0.33	0.0	0.0	413,0,0
		3991	0.40	0.0	0.0	413,0,0	3993	0.40	0.0	0.0	413,0,0
3155	ok	4222	0.25	0.0	0.0	413,0,0	4219	0.33	0.0	0.0	413,0,0
		3989	0.34	0.0	0.0	413,0,0	3991	0.26	0.0	0.0	413,0,0
3156	ok	4219	0.26	0.0	0.0	413,0,0	4217	0.29	0.0	0.0	413,0,0
		3987	0.29	0.0	0.0	413,0,0	3989	0.26	0.0	0.0	413,0,0
3157	ok	4217	0.25	0.0	0.0	413,0,0	4214	0.26	0.0	0.0	413,0,0
		3985	0.25	0.0	0.0	405,0,0	3987	0.24	0.0	0.0	413,0,0
3158	ok	4214	0.25	0.0	0.0	413,0,0	4212	0.24	0.0	0.0	409,0,0
		3983	0.23	0.0	0.0	409,0,0	3985	0.24	0.0	0.0	413,0,0
3159	ok	4212	0.27	0.0	0.0	409,0,0	4209	0.23	0.0	0.0	409,0,0
		3981	0.23	0.0	0.0	409,0,0	3983	0.27	0.0	0.0	409,0,0
3160	ok	4209	0.30	0.0	0.0	403,0,0	4207	0.24	0.0	0.0	387,0,0
		3979	0.24	0.0	0.0	403,0,0	3981	0.31	0.0	0.0	403,0,0
3161	ok	4207	0.31	0.0	0.0	403,0,0	4203	0.33	0.0	0.0	409,0,0
		3977	0.39	0.0	0.0	403,0,0	3979	0.37	0.0	0.0	403,0,0
3162	ok	4203	0.42	0.0	0.0	409,0,0	3512	0.35	0.0	0.0	392,0,0
		3351	0.35	0.0	0.0	397,0,0	3977	0.40	0.0	0.0	397,0,0
3163	ok	3616	0.39	0.0	0.0	413,0,0	3993	0.46	0.0	0.0	413,0,0
		1592	0.42	0.0	0.0	413,0,0	3779	0.47	0.0	0.0	413,0,0
3164	ok	3993	0.35	0.0	0.0	413,0,0	3991	0.45	0.0	0.0	413,0,0
		1588	0.41	0.0	0.0	413,0,0	1592	0.31	0.0	0.0	413,0,0
3165	ok	3991	0.30	0.0	0.0	413,0,0	3989	0.33	0.0	0.0	413,0,0
		1291	0.34	0.0	0.0	413,0,0	1588	0.31	0.0	0.0	413,0,0
3166	ok	3989	0.28	0.0	0.0	413,0,0	3987	0.30	0.0	0.0	413,0,0
		1285	0.31	0.0	0.0	413,0,0	1291	0.29	0.0	0.0	413,0,0
3167	ok	3987	0.28	0.0	0.0	413,0,0	3985	0.29	0.0	0.0	413,0,0
		1250	0.29	0.0	0.0	405,0,0	1285	0.29	0.0	0.0	413,0,0
3168	ok	3985	0.28	0.0	0.0	413,0,0	3983	0.27	0.0	0.0	409,0,0
		1243	0.28	0.0	0.0	409,0,0	1250	0.29	0.0	0.0	413,0,0
3169	ok	3983	0.29	0.0	0.0	409,0,0	3981	0.26	0.0	0.0	409,0,0
		1239	0.27	0.0	0.0	409,0,0	1243	0.30	0.0	0.0	409,0,0
3170	ok	3981	0.31	0.0	0.0	403,0,0	3979	0.27	0.0	0.0	403,0,0
		1218	0.28	0.0	0.0	403,0,0	1239	0.32	0.0	0.0	403,0,0
3171	ok	3979	0.42	0.0	0.0	403,0,0	3977	0.32	0.0	0.0	403,0,0
		1201	0.28	0.0	0.0	403,0,0	1218	0.38	0.0	0.0	403,0,0
3172	ok	3977	0.43	0.0	0.0	409,0,0	3351	0.38	0.0	0.0	409,0,0
		3514	0.43	0.0	0.0	403,0,0	1201	0.43	0.0	0.0	403,0,0
3173	ok	3779	0.51	0.0	0.0	413,0,0	1592	0.53	0.0	0.0	413,0,0
		2071	0.53	0.0	0.0	413,0,0	3781	0.51	0.0	0.0	413,0,0
3174	ok	1592	0.44	0.0	0.0	413,0,0	1588	0.46	0.0	0.0	413,0,0
		2063	0.44	0.0	0.0	413,0,0	2071	0.43	0.0	0.0	413,0,0
3175	ok	1588	0.33	0.0	0.0	413,0,0	1291	0.32	0.0	0.0	413,0,0
		1988	0.32	0.0	0.0	413,0,0	2063	0.33	0.0	0.0	413,0,0
3176	ok	1291	0.26	0.0	0.0	413,0,0	1285	0.25	0.0	0.0	413,0,0
		1971	0.25	0.0	0.0	413,0,0	1988	0.27	0.0	0.0	413,0,0
3177	ok	1285	0.22	0.0	0.0	413,0,0	1250	0.21	0.0	0.0	413,0,0
		1969	0.22	0.0	0.0	405,0,0	1971	0.22	0.0	0.0	413,0,0
3178	ok	1250	0.21	0.0	0.0	413,0,0	1243	0.21	0.0	0.0	409,0,0
		1936	0.21	0.0	0.0	409,0,0	1969	0.21	0.0	0.0	417,0,0

Firmato digitalmente da: Fogagni Massimo
Firmato il 10/10/2024 18:24
Seriale Certificato: 2902265
Valido dal 01/09/2023 al
Firma Qualified Electronic

3179	ok	1243	0.23	0.0	0.0	403,0,0	1239	0.24	0.0	0.0	409,0,0
		1930	0.25	0.0	0.0	403,0,0	1936	0.24	0.0	0.0	403,0,0
3180	ok	1239	0.30	0.0	0.0	403,0,0	1218	0.30	0.0	0.0	403,0,0
		1915	0.31	0.0	0.0	403,0,0	1930	0.30	0.0	0.0	403,0,0
3181	ok	1218	0.43	0.0	0.0	403,0,0	1201	0.41	0.0	0.0	403,0,0
		1911	0.39	0.0	0.0	403,0,0	1915	0.41	0.0	0.0	403,0,0
3182	ok	1201	0.52	0.0	0.0	403,0,0	3514	0.50	0.0	0.0	403,0,0
		3516	0.49	0.0	0.0	403,0,0	1911	0.51	0.0	0.0	403,0,0
3183	ok	3781	0.56	0.0	0.0	413,0,0	2071	0.56	0.0	0.0	413,0,0
		2857	0.56	0.0	0.0	413,0,0	3783	0.56	0.0	0.0	413,0,0
3184	ok	2071	0.50	0.0	0.0	413,0,0	2063	0.49	0.0	0.0	413,0,0
		2851	0.46	0.0	0.0	413,0,0	2857	0.50	0.0	0.0	413,0,0
3185	ok	2063	0.37	0.0	0.0	413,0,0	1988	0.31	0.0	0.0	413,0,0
		2840	0.31	0.0	0.0	415,0,0	2851	0.35	0.0	0.0	413,0,0
3186	ok	1988	0.26	0.0	0.0	415,0,0	1971	0.26	0.0	0.0	415,0,0
		2838	0.29	0.0	0.0	415,0,0	2840	0.30	0.0	0.0	415,0,0
3187	ok	1971	0.23	0.0	0.0	417,0,0	1969	0.24	0.0	0.0	413,0,0
		2826	0.30	0.0	0.0	405,0,0	2838	0.30	0.0	0.0	417,0,0
3188	ok	1969	0.24	0.0	0.0	417,0,0	1936	0.23	0.0	0.0	417,0,0
		2814	0.30	0.0	0.0	417,0,0	2826	0.30	0.0	0.0	417,0,0
3189	ok	1936	0.25	0.0	0.0	403,0,0	1930	0.26	0.0	0.0	387,0,0
		2779	0.29	0.0	0.0	417,0,0	2814	0.29	0.0	0.0	417,0,0
3190	ok	1930	0.30	0.0	0.0	387,0,0	1915	0.34	0.0	0.0	403,0,0
		2757	0.32	0.0	0.0	403,0,0	2779	0.30	0.0	0.0	387,0,0
3191	ok	1915	0.45	0.0	0.0	403,0,0	1911	0.48	0.0	0.0	403,0,0
		2498	0.47	0.0	0.0	403,0,0	2757	0.43	0.0	0.0	403,0,0
3192	ok	1911	0.58	0.0	0.0	403,0,0	3516	0.57	0.0	0.0	409,0,0
		3518	0.57	0.0	0.0	403,0,0	2498	0.57	0.0	0.0	403,0,0
3193	ok	3783	0.55	0.0	0.0	413,0,0	2857	0.54	0.0	0.0	413,0,0
		3292	0.52	0.0	0.0	413,0,0	3785	0.53	0.0	0.0	413,0,0
3194	ok	2857	0.51	0.0	0.0	413,0,0	2851	0.49	0.0	0.0	413,0,0
		3288	0.45	0.0	0.0	413,0,0	3292	0.50	0.0	0.0	413,0,0
3195	ok	2851	0.38	0.0	0.0	413,0,0	2840	0.33	0.0	0.0	415,0,0
		3284	0.35	0.0	0.0	415,0,0	3288	0.36	0.0	0.0	413,0,0
3196	ok	2840	0.31	0.0	0.0	415,0,0	2838	0.30	0.0	0.0	413,0,0
		3280	0.33	0.0	0.0	413,0,0	3284	0.34	0.0	0.0	415,0,0
3197	ok	2838	0.31	0.0	0.0	417,0,0	2826	0.30	0.0	0.0	405,0,0
		3277	0.35	0.0	0.0	413,0,0	3280	0.35	0.0	0.0	417,0,0
3198	ok	2826	0.30	0.0	0.0	417,0,0	2814	0.30	0.0	0.0	417,0,0
		3253	0.35	0.0	0.0	417,0,0	3277	0.34	0.0	0.0	417,0,0
3199	ok	2814	0.30	0.0	0.0	409,0,0	2779	0.31	0.0	0.0	409,0,0
		3236	0.34	0.0	0.0	409,0,0	3253	0.33	0.0	0.0	401,0,0
3200	ok	2779	0.33	0.0	0.0	387,0,0	2757	0.36	0.0	0.0	403,0,0
		3229	0.35	0.0	0.0	403,0,0	3236	0.34	0.0	0.0	409,0,0
3201	ok	2757	0.46	0.0	0.0	403,0,0	2498	0.50	0.0	0.0	409,0,0
		3216	0.49	0.0	0.0	409,0,0	3229	0.42	0.0	0.0	403,0,0
3202	ok	2498	0.55	0.0	0.0	409,0,0	3518	0.56	0.0	0.0	409,0,0
		3520	0.54	0.0	0.0	409,0,0	3216	0.53	0.0	0.0	409,0,0
3203	ok	3785	0.52	0.0	0.0	413,0,0	3292	0.50	0.0	0.0	413,0,0
		3467	0.48	0.0	0.0	413,0,0	3787	0.51	0.0	0.0	413,0,0
3204	ok	3292	0.48	0.0	0.0	413,0,0	3288	0.44	0.0	0.0	413,0,0
		3465	0.43	0.0	0.0	415,0,0	3467	0.46	0.0	0.0	413,0,0
3205	ok	3288	0.40	0.0	0.0	415,0,0	3284	0.37	0.0	0.0	413,0,0
		3462	0.38	0.0	0.0	413,0,0	3465	0.41	0.0	0.0	415,0,0
3206	ok	3284	0.36	0.0	0.0	413,0,0	3280	0.36	0.0	0.0	413,0,0
		3459	0.37	0.0	0.0	413,0,0	3462	0.37	0.0	0.0	413,0,0
3207	ok	3280	0.38	0.0	0.0	417,0,0	3277	0.38	0.0	0.0	413,0,0
		3457	0.39	0.0	0.0	413,0,0	3459	0.39	0.0	0.0	413,0,0
3208	ok	3277	0.37	0.0	0.0	413,0,0	3253	0.37	0.0	0.0	413,0,0
		3451	0.39	0.0	0.0	413,0,0	3457	0.40	0.0	0.0	413,0,0
3209	ok	3253	0.36	0.0	0.0	397,0,0	3236	0.36	0.0	0.0	409,0,0
		3446	0.38	0.0	0.0	397,0,0	3451	0.39	0.0	0.0	397,0,0
3210	ok	3236	0.35	0.0	0.0	409,0,0	3229	0.39	0.0	0.0	403,0,0
		3378	0.38	0.0	0.0	409,0,0	3446	0.37	0.0	0.0	409,0,0
3211	ok	3229	0.43	0.0	0.0	403,0,0	3216	0.47	0.0	0.0	409,0,0
		3373	0.44	0.0	0.0	403,0,0	3378	0.42	0.0	0.0	409,0,0
3212	ok	3216	0.51	0.0	0.0	409,0,0	3520	0.53	0.0	0.0	409,0,0
		3522	0.49	0.0	0.0	405,0,0	3373	0.47	0.0	0.0	405,0,0

Firmato digitalmente da: Fogliati Massimo
Firmato il 6/3/2024 18:24
Serial Certificato: 2902265
Valido dal 07/09/2023 al
In base a Qualified Electronic Signature

3213	ok	3787	0.52	0.0	0.0	411,0,0	3467	0.52	0.0	0.0	411,0,0
		3591	0.51	0.0	0.0	411,0,0	3789	0.53	0.0	0.0	411,0,0
3214	ok	3467	0.49	0.0	0.0	411,0,0	3465	0.46	0.0	0.0	415,0,0
		3587	0.46	0.0	0.0	413,0,0	3591	0.51	0.0	0.0	411,0,0
3215	ok	3465	0.42	0.0	0.0	415,0,0	3462	0.40	0.0	0.0	413,0,0
		3583	0.42	0.0	0.0	413,0,0	3587	0.43	0.0	0.0	415,0,0
3216	ok	3462	0.40	0.0	0.0	413,0,0	3459	0.41	0.0	0.0	413,0,0
		3579	0.42	0.0	0.0	413,0,0	3583	0.41	0.0	0.0	413,0,0
3217	ok	3459	0.41	0.0	0.0	413,0,0	3457	0.41	0.0	0.0	413,0,0
		3575	0.39	0.0	0.0	413,0,0	3579	0.38	0.0	0.0	413,0,0
3218	ok	3457	0.40	0.0	0.0	413,0,0	3451	0.39	0.0	0.0	413,0,0
		3571	0.40	0.0	0.0	409,0,0	3575	0.40	0.0	0.0	413,0,0
3219	ok	3451	0.43	0.0	0.0	393,0,0	3446	0.38	0.0	0.0	397,0,0
		3567	0.40	0.0	0.0	409,0,0	3571	0.41	0.0	0.0	409,0,0
3220	ok	3446	0.40	0.0	0.0	409,0,0	3378	0.40	0.0	0.0	409,0,0
		3563	0.41	0.0	0.0	409,0,0	3567	0.40	0.0	0.0	397,0,0
3221	ok	3378	0.44	0.0	0.0	409,0,0	3373	0.47	0.0	0.0	409,0,0
		3559	0.48	0.0	0.0	409,0,0	3563	0.44	0.0	0.0	409,0,0
3222	ok	3373	0.49	0.0	0.0	409,0,0	3522	0.49	0.0	0.0	403,0,0
		3524	0.51	0.0	0.0	409,0,0	3559	0.50	0.0	0.0	409,0,0
3223	ok	3789	0.60	0.0	0.0	411,0,0	3591	0.55	0.0	0.0	417,0,0
		3760	0.45	0.0	0.0	417,0,0	3791	0.53	0.0	0.0	417,0,0
3224	ok	3591	0.52	0.0	0.0	411,0,0	3587	0.44	0.0	0.0	413,0,0
		3752	0.46	0.0	0.0	413,0,0	3760	0.53	0.0	0.0	407,0,0
3225	ok	3587	0.49	0.0	0.0	413,0,0	3583	0.41	0.0	0.0	413,0,0
		3744	0.40	0.0	0.0	393,0,0	3752	0.50	0.0	0.0	413,0,0
3226	ok	3583	0.44	0.0	0.0	413,0,0	3579	0.43	0.0	0.0	413,0,0
		3736	0.44	0.0	0.0	413,0,0	3744	0.45	0.0	0.0	413,0,0
3227	ok	3579	0.41	0.0	0.0	413,0,0	3575	0.41	0.0	0.0	413,0,0
		3731	0.38	0.0	0.0	413,0,0	3736	0.38	0.0	0.0	413,0,0
3228	ok	3575	0.41	0.0	0.0	413,0,0	3571	0.41	0.0	0.0	413,0,0
		3728	0.37	0.0	0.0	409,0,0	3731	0.37	0.0	0.0	417,0,0
3229	ok	3571	0.44	0.0	0.0	409,0,0	3567	0.45	0.0	0.0	409,0,0
		3726	0.41	0.0	0.0	409,0,0	3728	0.41	0.0	0.0	409,0,0
3230	ok	3567	0.44	0.0	0.0	397,0,0	3563	0.46	0.0	0.0	409,0,0
		3723	0.49	0.0	0.0	409,0,0	3726	0.49	0.0	0.0	388,0,0
3231	ok	3563	0.45	0.0	0.0	405,0,0	3559	0.51	0.0	0.0	409,0,0
		3720	0.52	0.0	0.0	409,0,0	3723	0.45	0.0	0.0	409,0,0
3232	ok	3559	0.55	0.0	0.0	409,0,0	3524	0.58	0.0	0.0	409,0,0
		3526	0.48	0.0	0.0	405,0,0	3720	0.44	0.0	0.0	389,0,0
3233	ok	3791	0.49	0.0	0.0	411,0,0	3760	0.40	0.0	0.0	411,0,0
		4020	0.44	0.0	0.0	406,0,0	3301	0.45	0.0	0.0	391,0,0
3234	ok	3760	0.49	0.0	0.0	415,0,0	3752	0.37	0.0	0.0	413,0,0
		4018	0.43	0.0	0.0	414,0,0	4020	0.47	0.0	0.0	413,0,0
3235	ok	3752	0.45	0.0	0.0	413,0,0	3744	0.44	0.0	0.0	413,0,0
		4016	0.41	0.0	0.0	389,0,0	4018	0.41	0.0	0.0	393,0,0
3236	ok	3744	0.47	0.0	0.0	413,0,0	3736	0.47	0.0	0.0	413,0,0
		4014	0.34	0.0	0.0	388,0,0	4016	0.37	0.0	0.0	393,0,0
3237	ok	3736	0.41	0.0	0.0	413,0,0	3731	0.40	0.0	0.0	413,0,0
		4012	0.35	0.0	0.0	388,0,0	4014	0.34	0.0	0.0	388,0,0
3238	ok	3731	0.38	0.0	0.0	417,0,0	3728	0.39	0.0	0.0	409,0,0
		4010	0.36	0.0	0.0	388,0,0	4012	0.39	0.0	0.0	388,0,0
3239	ok	3728	0.42	0.0	0.0	409,0,0	3726	0.43	0.0	0.0	409,0,0
		4008	0.37	0.0	0.0	392,0,0	4010	0.41	0.0	0.0	388,0,0
3240	ok	3726	0.42	0.0	0.0	392,0,0	3723	0.50	0.0	0.0	392,0,0
		4006	0.50	0.0	0.0	388,0,0	4008	0.48	0.0	0.0	388,0,0
3241	ok	3723	0.39	0.0	0.0	392,0,0	3720	0.45	0.0	0.0	389,0,0
		4004	0.49	0.0	0.0	389,0,0	4006	0.50	0.0	0.0	388,0,0
3242	ok	3720	0.45	0.0	0.0	389,0,0	3526	0.51	0.0	0.0	405,0,0
		3309	0.45	0.0	0.0	392,0,0	4004	0.44	0.0	0.0	392,0,0
3243	ok	4020	0.49	0.0	0.0	415,0,0	4018	0.42	0.0	0.0	414,0,0
		4135	0.37	0.0	0.0	415,0,0	4149	0.49	0.0	0.0	415,0,0
3244	ok	4008	0.43	0.0	0.0	388,0,0	4006	0.51	0.0	0.0	388,0,0
		4079	0.50	0.0	0.0	388,0,0	4083	0.41	0.0	0.0	388,0,0
3245	ok	4006	0.45	0.0	0.0	388,0,0	4004	0.50	0.0	0.0	409,0,0
		4075	0.52	0.0	0.0	397,0,0	4079	0.49	0.0	0.0	388,0,0
3246	ok	4010	0.41	0.0	0.0	392,0,0	4008	0.38	0.0	0.0	392,0,0
		4083	0.38	0.0	0.0	392,0,0	4087	0.41	0.0	0.0	392,0,0

Firmato digitalmente da: Fogliati Massimo
Firmato il 6/5/2024 18:24
Serial Certificato: 2f02f55
Valido dal 07/09/2023 al
in qualità di Qualified Electronic Signature

3247	ok	4012	0.41	0.0	0.0	392,0,0	4010	0.41	0.0	0.0	392,0,0
		4087	0.41	0.0	0.0	392,0,0	4091	0.40	0.0	0.0	392,0,0
3248	ok	4014	0.36	0.0	0.0	392,0,0	4012	0.38	0.0	0.0	392,0,0
		4091	0.38	0.0	0.0	392,0,0	4112	0.36	0.0	0.0	392,0,0
3249	ok	4016	0.31	0.0	0.0	392,0,0	4014	0.33	0.0	0.0	392,0,0
		4112	0.33	0.0	0.0	392,0,0	4120	0.31	0.0	0.0	392,0,0
3250	ok	4018	0.41	0.0	0.0	415,0,0	4016	0.31	0.0	0.0	394,0,0
		4120	0.30	0.0	0.0	394,0,0	4135	0.39	0.0	0.0	415,0,0
3251	ok	4004	0.54	0.0	0.0	409,0,0	3309	0.58	0.0	0.0	405,0,0
		3528	0.57	0.0	0.0	407,0,0	4075	0.53	0.0	0.0	397,0,0
3252	ok	3301	0.55	0.0	0.0	413,0,0	4020	0.56	0.0	0.0	411,0,0
		4149	0.55	0.0	0.0	405,0,0	3793	0.56	0.0	0.0	417,0,0
3253	ok	4149	0.43	0.0	0.0	401,0,0	4135	0.38	0.0	0.0	401,0,0
		695	0.39	0.0	0.0	417,0,0	705	0.46	0.0	0.0	417,0,0
3254	ok	4083	0.49	0.0	0.0	388,0,0	4079	0.49	0.0	0.0	388,0,0
		295	0.44	0.0	0.0	388,0,0	329	0.43	0.0	0.0	388,0,0
3255	ok	4079	0.48	0.0	0.0	388,0,0	4075	0.47	0.0	0.0	388,0,0
		290	0.47	0.0	0.0	403,0,0	295	0.43	0.0	0.0	387,0,0
3256	ok	4087	0.37	0.0	0.0	392,0,0	4083	0.44	0.0	0.0	392,0,0
		329	0.41	0.0	0.0	392,0,0	333	0.35	0.0	0.0	392,0,0
3257	ok	4091	0.34	0.0	0.0	392,0,0	4087	0.35	0.0	0.0	397,0,0
		333	0.34	0.0	0.0	392,0,0	425	0.34	0.0	0.0	392,0,0
3258	ok	4112	0.34	0.0	0.0	401,0,0	4091	0.34	0.0	0.0	397,0,0
		425	0.34	0.0	0.0	392,0,0	497	0.34	0.0	0.0	392,0,0
3259	ok	4120	0.32	0.0	0.0	402,0,0	4112	0.32	0.0	0.0	402,0,0
		497	0.31	0.0	0.0	392,0,0	689	0.31	0.0	0.0	402,0,0
3260	ok	4135	0.37	0.0	0.0	415,0,0	4120	0.34	0.0	0.0	394,0,0
		689	0.31	0.0	0.0	402,0,0	695	0.35	0.0	0.0	397,0,0
3261	ok	4075	0.54	0.0	0.0	403,0,0	3528	0.54	0.0	0.0	403,0,0
		3530	0.54	0.0	0.0	403,0,0	290	0.54	0.0	0.0	403,0,0
3262	ok	3793	0.52	0.0	0.0	417,0,0	4149	0.53	0.0	0.0	413,0,0
		705	0.52	0.0	0.0	417,0,0	3795	0.52	0.0	0.0	417,0,0
3263	ok	705	0.45	0.0	0.0	417,0,0	695	0.42	0.0	0.0	413,0,0
		2328	0.44	0.0	0.0	413,0,0	2330	0.47	0.0	0.0	417,0,0
3264	ok	329	0.42	0.0	0.0	392,0,0	295	0.43	0.0	0.0	388,0,0
		1933	0.41	0.0	0.0	387,0,0	1970	0.39	0.0	0.0	387,0,0
3265	ok	295	0.45	0.0	0.0	387,0,0	290	0.46	0.0	0.0	403,0,0
		1913	0.48	0.0	0.0	407,0,0	1933	0.45	0.0	0.0	403,0,0
3266	ok	333	0.40	0.0	0.0	392,0,0	329	0.40	0.0	0.0	392,0,0
		1970	0.39	0.0	0.0	391,0,0	1997	0.37	0.0	0.0	387,0,0
3267	ok	425	0.36	0.0	0.0	387,0,0	333	0.37	0.0	0.0	387,0,0
		1997	0.36	0.0	0.0	387,0,0	2115	0.36	0.0	0.0	387,0,0
3268	ok	497	0.32	0.0	0.0	400,0,0	425	0.34	0.0	0.0	401,0,0
		2115	0.33	0.0	0.0	400,0,0	2136	0.32	0.0	0.0	392,0,0
3269	ok	689	0.34	0.0	0.0	401,0,0	497	0.31	0.0	0.0	398,0,0
		2136	0.30	0.0	0.0	401,0,0	2206	0.34	0.0	0.0	397,0,0
3270	ok	695	0.39	0.0	0.0	401,0,0	689	0.34	0.0	0.0	401,0,0
		2206	0.34	0.0	0.0	401,0,0	2328	0.40	0.0	0.0	401,0,0
3271	ok	290	0.53	0.0	0.0	403,0,0	3530	0.53	0.0	0.0	407,0,0
		3532	0.52	0.0	0.0	407,0,0	1913	0.52	0.0	0.0	403,0,0
3272	ok	3795	0.50	0.0	0.0	413,0,0	705	0.51	0.0	0.0	417,0,0
		2330	0.51	0.0	0.0	417,0,0	3797	0.50	0.0	0.0	413,0,0
3273	ok	2330	0.45	0.0	0.0	417,0,0	2328	0.45	0.0	0.0	417,0,0
		3183	0.45	0.0	0.0	417,0,0	3201	0.45	0.0	0.0	417,0,0
3274	ok	1970	0.41	0.0	0.0	387,0,0	1933	0.42	0.0	0.0	387,0,0
		3159	0.42	0.0	0.0	407,0,0	3161	0.40	0.0	0.0	387,0,0
3275	ok	1933	0.46	0.0	0.0	403,0,0	1913	0.47	0.0	0.0	407,0,0
		3157	0.48	0.0	0.0	407,0,0	3159	0.48	0.0	0.0	403,0,0
3276	ok	1997	0.37	0.0	0.0	387,0,0	1970	0.39	0.0	0.0	387,0,0
		3161	0.39	0.0	0.0	387,0,0	3163	0.37	0.0	0.0	387,0,0
3277	ok	2115	0.35	0.0	0.0	387,0,0	1997	0.37	0.0	0.0	387,0,0
		3163	0.36	0.0	0.0	387,0,0	3165	0.35	0.0	0.0	395,0,0
3278	ok	2136	0.31	0.0	0.0	401,0,0	2115	0.31	0.0	0.0	400,0,0
		3165	0.31	0.0	0.0	400,0,0	3167	0.31	0.0	0.0	401,0,0
3279	ok	2206	0.36	0.0	0.0	401,0,0	2136	0.32	0.0	0.0	401,0,0
		3167	0.33	0.0	0.0	401,0,0	3169	0.36	0.0	0.0	401,0,0
3280	ok	2328	0.41	0.0	0.0	401,0,0	2206	0.37	0.0	0.0	401,0,0
		3169	0.38	0.0	0.0	401,0,0	3183	0.42	0.0	0.0	417,0,0

Firmato digitalmente da: Fogliati Massimo
Firmato il 10/10/2024 18:24
Serial Certificato: 2f02f35
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature CA

3281	ok	1913	0.51	0.0	0.0	407,0,0	3532	0.51	0.0	0.0	407,0,0
		3534	0.52	0.0	0.0	407,0,0	3157	0.52	0.0	0.0	407,0,0
3282	ok	3797	0.49	0.0	0.0	413,0,0	2330	0.49	0.0	0.0	413,0,0
		3201	0.49	0.0	0.0	413,0,0	3799	0.49	0.0	0.0	417,0,0
3283	ok	3201	0.45	0.0	0.0	417,0,0	3183	0.45	0.0	0.0	417,0,0
		3509	0.46	0.0	0.0	417,0,0	3517	0.46	0.0	0.0	417,0,0
3284	ok	3161	0.41	0.0	0.0	387,0,0	3159	0.43	0.0	0.0	407,0,0
		3473	0.44	0.0	0.0	407,0,0	3477	0.42	0.0	0.0	407,0,0
3285	ok	3159	0.47	0.0	0.0	407,0,0	3157	0.47	0.0	0.0	407,0,0
		3470	0.49	0.0	0.0	407,0,0	3473	0.48	0.0	0.0	407,0,0
3286	ok	3163	0.38	0.0	0.0	391,0,0	3161	0.40	0.0	0.0	395,0,0
		3477	0.40	0.0	0.0	395,0,0	3481	0.38	0.0	0.0	395,0,0
3287	ok	3165	0.32	0.0	0.0	395,0,0	3163	0.35	0.0	0.0	387,0,0
		3481	0.35	0.0	0.0	387,0,0	3485	0.32	0.0	0.0	395,0,0
3288	ok	3167	0.31	0.0	0.0	401,0,0	3165	0.25	0.0	0.0	395,0,0
		3485	0.25	0.0	0.0	401,0,0	3493	0.31	0.0	0.0	401,0,0
3289	ok	3169	0.38	0.0	0.0	401,0,0	3167	0.34	0.0	0.0	401,0,0
		3493	0.35	0.0	0.0	401,0,0	3501	0.39	0.0	0.0	401,0,0
3290	ok	3183	0.42	0.0	0.0	417,0,0	3169	0.40	0.0	0.0	401,0,0
		3501	0.41	0.0	0.0	401,0,0	3509	0.42	0.0	0.0	417,0,0
3291	ok	3157	0.51	0.0	0.0	407,0,0	3534	0.51	0.0	0.0	407,0,0
		3536	0.52	0.0	0.0	407,0,0	3470	0.52	0.0	0.0	407,0,0
3292	ok	3799	0.48	0.0	0.0	417,0,0	3201	0.48	0.0	0.0	413,0,0
		3517	0.50	0.0	0.0	417,0,0	3801	0.50	0.0	0.0	417,0,0
3293	ok	3517	0.46	0.0	0.0	417,0,0	3509	0.46	0.0	0.0	417,0,0
		3740	0.47	0.0	0.0	417,0,0	3756	0.47	0.0	0.0	417,0,0
3294	ok	3477	0.44	0.0	0.0	407,0,0	3473	0.45	0.0	0.0	407,0,0
		3711	0.46	0.0	0.0	407,0,0	3714	0.45	0.0	0.0	407,0,0
3295	ok	3473	0.48	0.0	0.0	407,0,0	3470	0.48	0.0	0.0	407,0,0
		3645	0.49	0.0	0.0	407,0,0	3711	0.49	0.0	0.0	407,0,0
3296	ok	3481	0.38	0.0	0.0	395,0,0	3477	0.41	0.0	0.0	407,0,0
		3714	0.42	0.0	0.0	407,0,0	3716	0.39	0.0	0.0	407,0,0
3297	ok	3485	0.29	0.0	0.0	395,0,0	3481	0.33	0.0	0.0	395,0,0
		3716	0.33	0.0	0.0	395,0,0	3719	0.29	0.0	0.0	395,0,0
3298	ok	3493	0.31	0.0	0.0	401,0,0	3485	0.25	0.0	0.0	401,0,0
		3719	0.25	0.0	0.0	401,0,0	3724	0.32	0.0	0.0	401,0,0
3299	ok	3501	0.40	0.0	0.0	401,0,0	3493	0.36	0.0	0.0	401,0,0
		3724	0.36	0.0	0.0	401,0,0	3730	0.40	0.0	0.0	401,0,0
3300	ok	3509	0.42	0.0	0.0	417,0,0	3501	0.42	0.0	0.0	417,0,0
		3730	0.43	0.0	0.0	417,0,0	3740	0.43	0.0	0.0	417,0,0
3301	ok	3470	0.52	0.0	0.0	407,0,0	3536	0.53	0.0	0.0	407,0,0
		3538	0.54	0.0	0.0	407,0,0	3645	0.54	0.0	0.0	407,0,0
3302	ok	3801	0.50	0.0	0.0	417,0,0	3517	0.49	0.0	0.0	417,0,0
		3756	0.51	0.0	0.0	417,0,0	3803	0.51	0.0	0.0	417,0,0
3303	ok	3756	0.47	0.0	0.0	417,0,0	3740	0.47	0.0	0.0	417,0,0
		3982	0.49	0.0	0.0	417,0,0	3986	0.49	0.0	0.0	417,0,0
3304	ok	3714	0.44	0.0	0.0	407,0,0	3711	0.46	0.0	0.0	407,0,0
		3953	0.47	0.0	0.0	407,0,0	3957	0.45	0.0	0.0	407,0,0
3305	ok	3711	0.49	0.0	0.0	407,0,0	3645	0.50	0.0	0.0	407,0,0
		3942	0.53	0.0	0.0	407,0,0	3953	0.52	0.0	0.0	415,0,0
3306	ok	3716	0.39	0.0	0.0	407,0,0	3714	0.41	0.0	0.0	407,0,0
		3957	0.42	0.0	0.0	407,0,0	3961	0.41	0.0	0.0	407,0,0
3307	ok	3719	0.26	0.0	0.0	395,0,0	3716	0.32	0.0	0.0	407,0,0
		3961	0.33	0.0	0.0	407,0,0	3965	0.27	0.0	0.0	407,0,0
3308	ok	3724	0.31	0.0	0.0	401,0,0	3719	0.24	0.0	0.0	417,0,0
		3965	0.25	0.0	0.0	417,0,0	3968	0.32	0.0	0.0	401,0,0
3309	ok	3730	0.40	0.0	0.0	417,0,0	3724	0.37	0.0	0.0	417,0,0
		3968	0.39	0.0	0.0	417,0,0	3978	0.40	0.0	0.0	417,0,0
3310	ok	3740	0.44	0.0	0.0	417,0,0	3730	0.42	0.0	0.0	417,0,0
		3978	0.43	0.0	0.0	417,0,0	3982	0.44	0.0	0.0	417,0,0
3311	ok	3645	0.52	0.0	0.0	407,0,0	3538	0.53	0.0	0.0	407,0,0
		3540	0.52	0.0	0.0	407,0,0	3942	0.53	0.0	0.0	407,0,0
3312	ok	3803	0.50	0.0	0.0	417,0,0	3756	0.51	0.0	0.0	417,0,0
		3986	0.51	0.0	0.0	417,0,0	3805	0.50	0.0	0.0	417,0,0
3313	ok	3986	0.47	0.0	0.0	405,0,0	3982	0.48	0.0	0.0	417,0,0
		4053	0.54	0.0	0.0	409,0,0	4055	0.47	0.0	0.0	413,0,0
3314	ok	3957	0.42	0.0	0.0	407,0,0	3953	0.43	0.0	0.0	407,0,0
		4041	0.44	0.0	0.0	407,0,0	4043	0.44	0.0	0.0	407,0,0

Firmato digitalmente da: Fogagni Massimo
Firmato il 03/10/2024 18:24
Serial Certificato: 2902265
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature CA

3315	ok	3953	0.48	0.0	0.0	415,0,0	3942	0.49	0.0	0.0	415,0,0
		4039	0.48	0.0	0.0	411,0,0	4041	0.49	0.0	0.0	415,0,0
3316	ok	3961	0.41	0.0	0.0	407,0,0	3957	0.40	0.0	0.0	407,0,0
		4043	0.40	0.0	0.0	407,0,0	4045	0.43	0.0	0.0	407,0,0
3317	ok	3965	0.26	0.0	0.0	407,0,0	3961	0.33	0.0	0.0	407,0,0
		4045	0.34	0.0	0.0	407,0,0	4047	0.26	0.0	0.0	407,0,0
3318	ok	3968	0.32	0.0	0.0	417,0,0	3965	0.25	0.0	0.0	417,0,0
		4047	0.25	0.0	0.0	417,0,0	4049	0.32	0.0	0.0	417,0,0
3319	ok	3978	0.38	0.0	0.0	417,0,0	3968	0.39	0.0	0.0	417,0,0
		4049	0.41	0.0	0.0	417,0,0	4051	0.39	0.0	0.0	417,0,0
3320	ok	3982	0.43	0.0	0.0	417,0,0	3978	0.41	0.0	0.0	417,0,0
		4051	0.43	0.0	0.0	417,0,0	4053	0.45	0.0	0.0	417,0,0
3321	ok	3942	0.48	0.0	0.0	415,0,0	3540	0.50	0.0	0.0	407,0,0
		3365	0.54	0.0	0.0	411,0,0	4039	0.55	0.0	0.0	403,0,0
3322	ok	3805	0.50	0.0	0.0	405,0,0	3986	0.46	0.0	0.0	409,0,0
		4055	0.53	0.0	0.0	405,0,0	3630	0.53	0.0	0.0	405,0,0
3323	ok	4055	0.43	0.0	0.0	409,0,0	4053	0.48	0.0	0.0	413,0,0
		1903	0.40	0.0	0.0	397,0,0	1907	0.32	0.0	0.0	402,0,0
3324	ok	4043	0.46	0.0	0.0	407,0,0	4041	0.45	0.0	0.0	415,0,0
		1879	0.43	0.0	0.0	399,0,0	1883	0.45	0.0	0.0	407,0,0
3325	ok	4041	0.45	0.0	0.0	407,0,0	4039	0.43	0.0	0.0	403,0,0
		1875	0.33	0.0	0.0	399,0,0	1879	0.41	0.0	0.0	399,0,0
3326	ok	4045	0.35	0.0	0.0	407,0,0	4043	0.42	0.0	0.0	407,0,0
		3156	0.48	0.0	0.0	407,0,0	1887	0.46	0.0	0.0	407,0,0
3327	ok	4047	0.18	0.0	0.0	403,0,0	4045	0.23	0.0	0.0	407,0,0
		1887	0.16	0.0	0.0	407,0,0	1891	0.11	0.0	0.0	407,0,0
3328	ok	4049	0.25	0.0	0.0	417,0,0	4047	0.16	0.0	0.0	417,0,0
		1891	0.14	0.0	0.0	401,0,0	1895	0.21	0.0	0.0	401,0,0
3329	ok	4051	0.41	0.0	0.0	401,0,0	4049	0.41	0.0	0.0	401,0,0
		1116	0.42	0.0	0.0	401,0,0	1899	0.49	0.0	0.0	401,0,0
3330	ok	4053	0.42	0.0	0.0	417,0,0	4051	0.46	0.0	0.0	417,0,0
		1899	0.44	0.0	0.0	401,0,0	1903	0.39	0.0	0.0	397,0,0
3331	ok	4039	0.50	0.0	0.0	403,0,0	3365	0.49	0.0	0.0	403,0,0
		3542	0.34	0.0	0.0	406,0,0	1875	0.33	0.0	0.0	414,0,0
3332	ok	3630	0.49	0.0	0.0	405,0,0	4055	0.50	0.0	0.0	405,0,0
		1907	0.27	0.0	0.0	411,0,0	3807	0.32	0.0	0.0	418,0,0
3333	ok	1907	0.36	0.0	0.0	401,0,0	1903	0.42	0.0	0.0	397,0,0
		3634	0.35	0.0	0.0	402,0,0	3639	0.27	0.0	0.0	398,0,0
3335	ok	1879	0.42	0.0	0.0	395,0,0	1875	0.37	0.0	0.0	395,0,0
		3607	0.27	0.0	0.0	409,0,0	3611	0.33	0.0	0.0	413,0,0
3336	ok	3156	0.44	0.27	0.73	407,393,393	1883	0.48	0.27	0.73	395,393,393
		1117	0.54	0.0	0.0	395,0,0	700	0.52	0.27	0.73	395,393,393
3337	ok	1891	0.09	0.0	0.0	409,0,0	1887	0.09	0.0	0.0	409,0,0
		1139	0.10	0.0	0.0	409,0,0	1172	0.10	0.0	0.0	409,0,0
3338	ok	1895	0.10	0.0	0.0	405,0,0	1891	0.09	0.0	0.0	405,0,0
		1172	0.10	0.0	0.0	405,0,0	1174	0.10	0.0	0.0	405,0,0
3339	ok	1116	0.32	0.0	0.0	417,0,0	1895	0.19	0.0	0.0	417,0,0
		1174	0.15	0.0	0.0	417,0,0	913	0.30	0.0	0.0	417,0,0
3340	ok	1903	0.40	0.0	0.0	397,0,0	1899	0.46	0.0	0.0	401,0,0
		629	0.40	0.0	0.0	397,0,0	3634	0.39	0.0	0.0	397,0,0
3341	ok	1875	0.26	0.0	0.0	399,0,0	3542	0.26	0.0	0.0	416,0,0
		3544	0.36	0.0	0.0	399,0,0	3607	0.38	0.0	0.0	403,0,0
3342	ok	3807	0.28	0.0	0.0	401,0,0	1907	0.32	0.0	0.0	398,0,0
		3639	0.39	0.0	0.0	402,0,0	3809	0.36	0.0	0.0	402,0,0
3343	ok	3639	0.29	0.0	0.0	415,0,0	3634	0.38	0.0	0.0	407,0,0
		1770	0.39	0.0	0.0	415,0,0	1776	0.32	0.0	0.0	415,0,0
3344	ok	2878	0.37	0.0	0.0	415,0,0	3611	0.34	0.0	0.0	415,0,0
		1303	0.31	0.0	0.0	405,0,0	1137	0.36	0.0	0.0	405,0,0
3345	ok	3611	0.37	0.0	0.0	405,0,0	3607	0.28	0.0	0.0	396,0,0
		1279	0.29	0.0	0.0	409,0,0	1303	0.37	0.0	0.0	405,0,0
3346	ok	3634	0.37	0.0	0.0	397,0,0	629	0.42	0.0	0.0	397,0,0
		2777	0.38	0.0	0.0	401,0,0	1770	0.33	0.0	0.0	398,0,0
3347	ok	3607	0.41	0.0	0.0	403,0,0	3544	0.39	0.0	0.0	403,0,0
		3546	0.36	0.0	0.0	403,0,0	1279	0.38	0.0	0.0	409,0,0
3348	ok	3809	0.38	0.0	0.0	415,0,0	3639	0.41	0.0	0.0	415,0,0
		1776	0.40	0.0	0.0	415,0,0	3811	0.38	0.0	0.0	415,0,0

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA

3349	ok	1776	0.35	0.0	0.0	415,0,0	1770	0.41	0.0	0.0	415,0,0
		3363	0.42	0.0	0.0	415,0,0	3366	0.35	0.0	0.0	415,0,0
3350	ok	1137	0.40	0.0	0.0	413,0,0	1303	0.33	0.0	0.0	405,0,0
		3356	0.34	0.0	0.0	405,0,0	562	0.40	0.0	0.0	413,0,0
3351	ok	1303	0.39	0.0	0.0	409,0,0	1279	0.32	0.0	0.0	409,0,0
		3353	0.33	0.0	0.0	409,0,0	3356	0.39	0.0	0.0	409,0,0
3352	ok	1770	0.33	0.0	0.0	417,0,0	690	0.40	0.0	0.0	405,0,0
		694	0.40	0.0	0.0	405,0,0	3363	0.34	0.0	0.0	417,0,0
3353	ok	1279	0.41	0.0	0.0	409,0,0	3546	0.39	0.0	0.0	409,0,0
		3548	0.40	0.0	0.0	409,0,0	3353	0.42	0.0	0.0	409,0,0
3354	ok	3811	0.41	0.0	0.0	415,0,0	1776	0.43	0.0	0.0	415,0,0
		3366	0.45	0.0	0.0	415,0,0	3813	0.43	0.0	0.0	415,0,0
3355	ok	3366	0.37	0.0	0.0	415,0,0	3363	0.44	0.0	0.0	415,0,0
		3930	0.45	0.0	0.0	415,0,0	3938	0.38	0.0	0.0	415,0,0
3356	ok	562	0.41	0.0	0.0	409,0,0	3356	0.35	0.0	0.0	409,0,0
		3901	0.35	0.0	0.0	409,0,0	1115	0.40	0.0	0.0	417,0,0
3357	ok	3356	0.42	0.0	0.0	409,0,0	3353	0.35	0.0	0.0	409,0,0
		3897	0.37	0.0	0.0	409,0,0	3901	0.44	0.0	0.0	409,0,0
3358	ok	3363	0.36	0.0	0.0	415,0,0	694	0.45	0.0	0.0	407,0,0
		699	0.46	0.0	0.0	407,0,0	3930	0.38	0.0	0.0	415,0,0
3359	ok	3353	0.44	0.0	0.0	409,0,0	3548	0.42	0.0	0.0	409,0,0
		3550	0.41	0.0	0.0	409,0,0	3897	0.42	0.0	0.0	409,0,0
3360	ok	3813	0.44	0.0	0.0	415,0,0	3366	0.45	0.0	0.0	415,0,0
		3938	0.45	0.0	0.0	415,0,0	3815	0.43	0.0	0.0	415,0,0
3361	ok	3938	0.39	0.0	0.0	415,0,0	3930	0.43	0.0	0.0	415,0,0
		1873	0.42	0.0	0.0	415,0,0	1881	0.38	0.0	0.0	415,0,0
3362	ok	1901	0.47	0.0	0.0	409,0,0	3901	0.33	0.0	0.0	409,0,0
		1861	0.39	0.0	0.0	409,0,0	706	0.52	0.0	0.0	417,0,0
3363	ok	3901	0.40	0.0	0.0	409,0,0	3897	0.38	0.0	0.0	409,0,0
		1857	0.35	0.0	0.0	409,0,0	1861	0.38	0.0	0.0	409,0,0
3364	ok	3930	0.32	0.0	0.0	413,0,0	699	0.49	0.0	0.0	407,0,0
		1865	0.51	0.0	0.0	415,0,0	1873	0.34	0.0	0.0	415,0,0
3365	ok	3897	0.44	0.0	0.0	409,0,0	3550	0.42	0.0	0.0	409,0,0
		3552	0.39	0.0	0.0	409,0,0	1857	0.40	0.0	0.0	417,0,0
3366	ok	3815	0.44	0.0	0.0	415,0,0	3938	0.44	0.0	0.0	415,0,0
		1881	0.42	0.0	0.0	415,0,0	3817	0.40	0.0	0.0	415,0,0
3367	ok	1881	0.38	0.0	0.0	415,0,0	1873	0.42	0.0	0.0	413,0,0
		3533	0.42	0.0	0.0	413,0,0	3537	0.37	0.0	0.0	413,0,0
3368	ok	3282	0.39	0.0	0.0	409,0,0	1861	0.41	0.0	0.0	409,0,0
		3479	0.39	0.0	0.0	409,0,0	3368	0.37	0.0	0.0	409,0,0
3369	ok	1861	0.42	0.0	0.0	409,0,0	1857	0.36	0.0	0.0	409,0,0
		3471	0.37	0.0	0.0	409,0,0	3479	0.41	0.0	0.0	409,0,0
3370	ok	3290	0.23	0.0	0.0	409,0,0	3282	0.42	0.0	0.0	417,0,0
		3368	0.39	0.0	0.0	409,0,0	3370	0.19	0.0	0.0	409,0,0
3371	ok	3296	0.07	0.0	0.0	397,0,0	3290	0.10	0.0	0.0	401,0,0
		3370	0.12	0.0	0.0	401,0,0	3380	0.09	0.0	0.0	409,0,0
3372	ok	4205	0.08	0.0	0.0	407,0,0	3296	0.06	0.0	0.0	415,0,0
		3380	0.10	0.0	0.0	415,0,0	3454	0.11	0.0	0.0	407,0,0
3373	ok	4242	0.46	0.0	0.0	407,0,0	4205	0.25	0.0	0.0	415,0,0
		3454	0.19	0.0	0.0	413,0,0	3529	0.41	0.0	0.0	415,0,0
3374	ok	1873	0.45	0.0	0.0	415,0,0	703	0.45	0.0	0.0	415,0,0
		4242	0.45	0.0	0.0	415,0,0					
3375	ok	1857	0.43	0.0	0.0	409,0,0	3552	0.43	0.0	0.0	417,0,0
		3554	0.36	0.0	0.0	409,0,0	3471	0.38	0.0	0.0	409,0,0
3376	ok	3817	0.44	0.0	0.0	405,0,0	1881	0.43	0.0	0.0	413,0,0
		3537	0.36	0.0	0.0	413,0,0	3819	0.35	0.0	0.0	415,0,0
3377	ok	3537	0.43	0.0	0.0	415,0,0	3533	0.46	0.0	0.0	413,0,0
		4088	0.51	0.0	0.0	405,0,0	4090	0.47	0.0	0.0	413,0,0
3378	ok	3368	0.44	0.0	0.0	409,0,0	3479	0.45	0.0	0.0	409,0,0
		4076	0.47	0.0	0.0	409,0,0	4078	0.45	0.0	0.0	409,0,0
3379	ok	3479	0.46	0.0	0.0	409,0,0	3471	0.43	0.0	0.0	409,0,0
		4074	0.44	0.0	0.0	403,0,0	4076	0.46	0.0	0.0	403,0,0
3380	ok	3370	0.34	0.0	0.0	409,0,0	3368	0.43	0.0	0.0	409,0,0
		4078	0.43	0.0	0.0	417,0,0	4080	0.34	0.0	0.0	417,0,0
3381	ok	3380	0.23	0.0	0.0	417,0,0	3370	0.29	0.0	0.0	401,0,0
		4080	0.27	0.0	0.0	417,0,0	4082	0.22	0.0	0.0	417,0,0
3382	ok	3454	0.30	0.0	0.0	407,0,0	3380	0.23	0.0	0.0	415,0,0
		4082	0.23	0.0	0.0	405,0,0	4084	0.28	0.0	0.0	407,0,0

Firmato digitalmente da: Fogliani Massimo
Firmato il 10/10/2024 18:24
Serial Certificato: 2e2265
Valido dal 07/09/2023 al
In base a Qualified Electronic Signature

3383	ok	3529	0.44	0.0	0.0	415,0,0	3454	0.35	0.0	0.0	407,0,0
		4084	0.35	0.0	0.0	405,0,0	4086	0.44	0.0	0.0	407,0,0
3384	ok	3533	0.45	0.0	0.0	415,0,0	3529	0.44	0.0	0.0	413,0,0
		4086	0.46	0.0	0.0	413,0,0	4088	0.47	0.0	0.0	413,0,0
3385	ok	3471	0.41	0.0	0.0	409,0,0	3554	0.40	0.0	0.0	409,0,0
		3371	0.48	0.0	0.0	395,0,0	4074	0.48	0.0	0.0	396,0,0
3386	ok	3819	0.39	0.0	0.0	415,0,0	3537	0.40	0.0	0.0	415,0,0
		4090	0.49	0.0	0.0	417,0,0	3636	0.50	0.0	0.0	401,0,0
3387	ok	4090	0.51	0.0	0.0	413,0,0	4088	0.51	0.0	0.0	413,0,0
		3577	0.49	0.0	0.0	413,0,0	3585	0.48	0.0	0.0	413,0,0
3388	ok	4078	0.48	0.0	0.0	409,0,0	4076	0.47	0.0	0.0	409,0,0
		3543	0.47	0.0	0.0	409,0,0	3547	0.47	0.0	0.0	409,0,0
3389	ok	4076	0.47	0.0	0.0	409,0,0	4074	0.48	0.0	0.0	403,0,0
		3539	0.45	0.0	0.0	409,0,0	3543	0.47	0.0	0.0	409,0,0
3390	ok	4080	0.36	0.0	0.0	417,0,0	4078	0.45	0.0	0.0	409,0,0
		3547	0.45	0.0	0.0	409,0,0	3551	0.36	0.0	0.0	417,0,0
3391	ok	4082	0.30	0.0	0.0	417,0,0	4080	0.33	0.0	0.0	417,0,0
		3551	0.33	0.0	0.0	417,0,0	3555	0.30	0.0	0.0	417,0,0
3392	ok	4084	0.33	0.0	0.0	415,0,0	4082	0.29	0.0	0.0	417,0,0
		3555	0.29	0.0	0.0	413,0,0	3561	0.33	0.0	0.0	415,0,0
3393	ok	4086	0.41	0.0	0.0	415,0,0	4084	0.36	0.0	0.0	415,0,0
		3561	0.36	0.0	0.0	407,0,0	3569	0.41	0.0	0.0	415,0,0
3394	ok	4088	0.47	0.0	0.0	413,0,0	4086	0.44	0.0	0.0	413,0,0
		3569	0.44	0.0	0.0	413,0,0	3577	0.47	0.0	0.0	413,0,0
3395	ok	3636	0.54	0.0	0.0	417,0,0	4090	0.56	0.0	0.0	413,0,0
		3585	0.51	0.0	0.0	413,0,0	3821	0.50	0.0	0.0	413,0,0
3396	ok	1178	0.09	0.0	0.0	417,0,0	1909	0.30	0.0	0.0	401,0,0
		3282	0.25	0.0	0.0	409,0,0	3290	0.10	0.0	0.0	409,0,0
3397	ok	4074	0.56	0.0	0.0	403,0,0	3371	0.55	0.0	0.0	403,0,0
		3556	0.50	0.0	0.0	403,0,0	3539	0.46	0.0	0.0	409,0,0
3398	ok	3585	0.50	0.0	0.0	417,0,0	3577	0.50	0.0	0.0	413,0,0
		1863	0.50	0.0	0.0	413,0,0	1867	0.49	0.0	0.0	417,0,0
3399	ok	3547	0.46	0.0	0.0	409,0,0	3543	0.46	0.0	0.0	409,0,0
		1248	0.47	0.0	0.0	409,0,0	1590	0.46	0.0	0.0	409,0,0
3400	ok	3543	0.48	0.0	0.0	409,0,0	3539	0.49	0.0	0.0	403,0,0
		1228	0.48	0.0	0.0	403,0,0	1248	0.47	0.0	0.0	409,0,0
3401	ok	3551	0.37	0.0	0.0	409,0,0	3547	0.43	0.0	0.0	409,0,0
		1590	0.42	0.0	0.0	409,0,0	1659	0.36	0.0	0.0	409,0,0
3402	ok	3555	0.31	0.0	0.0	417,0,0	3551	0.34	0.0	0.0	409,0,0
		1659	0.34	0.0	0.0	409,0,0	1665	0.31	0.0	0.0	417,0,0
3403	ok	3561	0.35	0.0	0.0	407,0,0	3555	0.32	0.0	0.0	405,0,0
		1665	0.32	0.0	0.0	405,0,0	1851	0.35	0.0	0.0	407,0,0
3404	ok	3569	0.43	0.0	0.0	407,0,0	3561	0.38	0.0	0.0	407,0,0
		1851	0.37	0.0	0.0	407,0,0	1855	0.42	0.0	0.0	407,0,0
3405	ok	3577	0.49	0.0	0.0	413,0,0	3569	0.48	0.0	0.0	413,0,0
		1855	0.46	0.0	0.0	405,0,0	1863	0.49	0.0	0.0	413,0,0
3406	ok	3821	0.50	0.0	0.0	417,0,0	3585	0.51	0.0	0.0	417,0,0
		1867	0.50	0.0	0.0	417,0,0	3823	0.50	0.0	0.0	417,0,0
3407	ok	1184	0.05	0.0	0.0	405,0,0	1178	0.05	0.0	0.0	407,0,0
		3290	0.04	0.0	0.0	408,0,0	3296	0.04	0.0	0.0	418,0,0
3408	ok	3539	0.48	0.0	0.0	409,0,0	3556	0.48	0.0	0.0	409,0,0
		3558	0.47	0.0	0.0	409,0,0	1228	0.48	0.0	0.0	403,0,0
3409	ok	1867	0.50	0.0	0.0	417,0,0	1863	0.50	0.0	0.0	417,0,0
		3832	0.50	0.0	0.0	417,0,0	3838	0.49	0.0	0.0	417,0,0
3410	ok	1590	0.46	0.0	0.0	409,0,0	1248	0.47	0.0	0.0	409,0,0
		3792	0.48	0.0	0.0	409,0,0	3796	0.45	0.0	0.0	417,0,0
3411	ok	1248	0.47	0.0	0.0	409,0,0	1228	0.48	0.0	0.0	403,0,0
		3788	0.49	0.0	0.0	403,0,0	3792	0.49	0.0	0.0	403,0,0
3412	ok	1659	0.36	0.0	0.0	409,0,0	1590	0.43	0.0	0.0	409,0,0
		3796	0.42	0.0	0.0	409,0,0	3800	0.36	0.0	0.0	409,0,0
3413	ok	1665	0.32	0.0	0.0	417,0,0	1659	0.34	0.0	0.0	409,0,0
		3800	0.34	0.0	0.0	409,0,0	3808	0.32	0.0	0.0	417,0,0
3414	ok	1851	0.35	0.0	0.0	407,0,0	1665	0.32	0.0	0.0	407,0,0
		3808	0.32	0.0	0.0	407,0,0	3816	0.35	0.0	0.0	407,0,0
3415	ok	1855	0.43	0.0	0.0	413,0,0	1851	0.37	0.0	0.0	405,0,0
		3816	0.37	0.0	0.0	405,0,0	3824	0.43	0.0	0.0	413,0,0
3416	ok	1863	0.49	0.0	0.0	413,0,0	1855	0.47	0.0	0.0	413,0,0
		3824	0.46	0.0	0.0	405,0,0	3832	0.49	0.0	0.0	413,0,0

Firmato digitalmente da: Fiorini Massimo
Firmato il 03/10/2024 18:24
Serial Certificato: 2b2265
Valido dal 07/09/2023 al
Qualified Electronic

3417	ok	3823	0.51	0.0	0.0	417,0,0	1867	0.51	0.0	0.0	417,0,0
		3838	0.50	0.0	0.0	417,0,0	3825	0.50	0.0	0.0	417,0,0
3418	ok	1190	0.05	0.0	0.0	411,0,0	1184	0.05	0.0	0.0	415,0,0
		3296	0.05	0.0	0.0	416,0,0	4205	0.04	0.0	0.0	408,0,0
3419	ok	1228	0.49	0.0	0.0	403,0,0	3558	0.48	0.0	0.0	403,0,0
		3560	0.48	0.0	0.0	403,0,0	3788	0.48	0.0	0.0	403,0,0
3420	ok	3838	0.50	0.0	0.0	417,0,0	3832	0.50	0.0	0.0	417,0,0
		2930	0.49	0.0	0.0	417,0,0	3152	0.50	0.0	0.0	417,0,0
3421	ok	3796	0.46	0.0	0.0	411,0,0	3792	0.49	0.0	0.0	409,0,0
		2868	0.49	0.0	0.0	409,0,0	2879	0.45	0.0	0.0	411,0,0
3422	ok	3792	0.48	0.0	0.0	403,0,0	3788	0.48	0.0	0.0	403,0,0
		2866	0.50	0.0	0.0	403,0,0	2868	0.49	0.0	0.0	403,0,0
3423	ok	3800	0.38	0.0	0.0	411,0,0	3796	0.44	0.0	0.0	409,0,0
		2879	0.44	0.0	0.0	409,0,0	2881	0.37	0.0	0.0	411,0,0
3424	ok	3808	0.34	0.0	0.0	415,0,0	3800	0.36	0.0	0.0	407,0,0
		2881	0.36	0.0	0.0	407,0,0	2886	0.34	0.0	0.0	415,0,0
3425	ok	3816	0.37	0.0	0.0	415,0,0	3808	0.35	0.0	0.0	407,0,0
		2886	0.35	0.0	0.0	407,0,0	2889	0.37	0.0	0.0	415,0,0
3426	ok	3824	0.45	0.0	0.0	411,0,0	3816	0.38	0.0	0.0	415,0,0
		2889	0.38	0.0	0.0	415,0,0	2924	0.45	0.0	0.0	415,0,0
3427	ok	3832	0.49	0.0	0.0	413,0,0	3824	0.47	0.0	0.0	413,0,0
		2924	0.46	0.0	0.0	413,0,0	2930	0.49	0.0	0.0	417,0,0
3428	ok	3825	0.51	0.0	0.0	417,0,0	3838	0.51	0.0	0.0	417,0,0
		3152	0.51	0.0	0.0	417,0,0	3827	0.50	0.0	0.0	417,0,0
3429	ok	703	0.49	0.0	0.0	407,0,0	1885	0.40	0.0	0.0	395,0,0
		4205	0.28	0.0	0.0	407,0,0	4242	0.46	0.0	0.0	407,0,0
3430	ok	3788	0.49	0.0	0.0	403,0,0	3560	0.49	0.0	0.0	403,0,0
		3562	0.51	0.0	0.0	403,0,0	2866	0.51	0.0	0.0	403,0,0
3431	ok	3152	0.50	0.0	0.0	417,0,0	2930	0.49	0.0	0.0	417,0,0
		4208	0.49	0.0	0.0	417,0,0	4213	0.50	0.0	0.0	417,0,0
3432	ok	2879	0.45	0.0	0.0	403,0,0	2868	0.48	0.0	0.0	403,0,0
		4182	0.48	0.0	0.0	403,0,0	4186	0.45	0.0	0.0	411,0,0
3433	ok	2868	0.48	0.0	0.0	403,0,0	2866	0.50	0.0	0.0	409,0,0
		4171	0.50	0.0	0.0	409,0,0	4182	0.48	0.0	0.0	411,0,0
3434	ok	2881	0.41	0.0	0.0	411,0,0	2879	0.45	0.0	0.0	407,0,0
		4186	0.45	0.0	0.0	407,0,0	4190	0.41	0.0	0.0	411,0,0
3435	ok	2886	0.39	0.0	0.0	415,0,0	2881	0.41	0.0	0.0	415,0,0
		4190	0.41	0.0	0.0	415,0,0	4194	0.39	0.0	0.0	415,0,0
3436	ok	2889	0.42	0.0	0.0	415,0,0	2886	0.39	0.0	0.0	415,0,0
		4194	0.39	0.0	0.0	415,0,0	4198	0.42	0.0	0.0	415,0,0
3437	ok	2924	0.46	0.0	0.0	415,0,0	2889	0.42	0.0	0.0	415,0,0
		4198	0.42	0.0	0.0	415,0,0	4201	0.46	0.0	0.0	415,0,0
3438	ok	2930	0.49	0.0	0.0	413,0,0	2924	0.46	0.0	0.0	411,0,0
		4201	0.46	0.0	0.0	411,0,0	4208	0.49	0.0	0.0	417,0,0
3439	ok	3827	0.51	0.0	0.0	413,0,0	3152	0.51	0.0	0.0	417,0,0
		4213	0.51	0.0	0.0	405,0,0	3829	0.51	0.0	0.0	413,0,0
3440	ok	1873	0.39	0.0	0.0	413,0,0	4242	0.39	0.0	0.0	415,0,0
		3529	0.39	0.0	0.0	415,0,0	3533	0.39	0.0	0.0	413,0,0
3441	ok	2866	0.52	0.0	0.0	403,0,0	3562	0.51	0.0	0.0	403,0,0
		3564	0.52	0.0	0.0	403,0,0	4171	0.52	0.0	0.0	403,0,0
3442	ok	4213	0.51	0.0	0.0	413,0,0	4208	0.48	0.0	0.0	413,0,0
		3605	0.48	0.0	0.0	413,0,0	3613	0.51	0.0	0.0	413,0,0
3443	ok	4186	0.44	0.0	0.0	407,0,0	4182	0.47	0.0	0.0	407,0,0
		3565	0.47	0.0	0.0	407,0,0	3581	0.45	0.0	0.0	415,0,0
3444	ok	4182	0.46	0.0	0.0	403,0,0	4171	0.51	0.0	0.0	409,0,0
		3553	0.50	0.0	0.0	409,0,0	3565	0.46	0.0	0.0	403,0,0
3445	ok	4190	0.46	0.0	0.0	415,0,0	4186	0.45	0.0	0.0	407,0,0
		3581	0.45	0.0	0.0	407,0,0	3593	0.47	0.0	0.0	415,0,0
3446	ok	4194	0.46	0.0	0.0	415,0,0	4190	0.46	0.0	0.0	415,0,0
		3593	0.46	0.0	0.0	415,0,0	3597	0.45	0.0	0.0	415,0,0
3447	ok	4198	0.46	0.0	0.0	415,0,0	4194	0.45	0.0	0.0	415,0,0
		3597	0.45	0.0	0.0	415,0,0	3599	0.46	0.0	0.0	415,0,0
3448	ok	4201	0.45	0.0	0.0	415,0,0	4198	0.44	0.0	0.0	415,0,0
		3599	0.44	0.0	0.0	415,0,0	3601	0.45	0.0	0.0	415,0,0
3449	ok	4208	0.48	0.0	0.0	413,0,0	4201	0.45	0.0	0.0	415,0,0
		3601	0.45	0.0	0.0	415,0,0	3605	0.48	0.0	0.0	413,0,0
3450	ok	3829	0.52	0.0	0.0	413,0,0	4213	0.51	0.0	0.0	413,0,0
		3613	0.52	0.0	0.0	413,0,0	3831	0.52	0.0	0.0	413,0,0

Firmato digitalmente da: Fogliati Massimo
Firmato il 10/10/2024 18:24
Serial Certificato: 2902265
valido dal 07/09/2023 al
Qualified Electronic

3451	ok	1117	0.52	0.0	0.0	399,0,0	1879	0.38	0.0	0.0	399,0,0
		3611	0.31	0.0	0.0	400,0,0	2878	0.37	0.0	0.0	415,0,0
3452	ok	4171	0.50	0.0	0.0	409,0,0	3564	0.52	0.0	0.0	409,0,0
		3566	0.50	0.0	0.0	403,0,0	3553	0.49	0.0	0.0	411,0,0
3453	ok	3613	0.51	0.0	0.0	413,0,0	3605	0.46	0.0	0.0	417,0,0
		2476	0.47	0.0	0.0	417,0,0	2480	0.52	0.0	0.0	413,0,0
3454	ok	3581	0.50	0.0	0.0	415,0,0	3565	0.47	0.0	0.0	407,0,0
		2459	0.51	0.0	0.0	407,0,0	2463	0.51	0.0	0.0	415,0,0
3455	ok	3565	0.49	0.0	0.0	407,0,0	3553	0.51	0.0	0.0	403,0,0
		2455	0.51	0.0	0.0	407,0,0	2459	0.51	0.0	0.0	407,0,0
3456	ok	3593	0.56	0.0	0.0	415,0,0	3581	0.49	0.0	0.0	407,0,0
		2463	0.49	0.0	0.0	415,0,0	2466	0.56	0.0	0.0	415,0,0
3457	ok	3597	0.55	0.0	0.0	415,0,0	3593	0.51	0.0	0.0	415,0,0
		2466	0.52	0.0	0.0	415,0,0	2468	0.54	0.0	0.0	415,0,0
3458	ok	3599	0.53	0.0	0.0	415,0,0	3597	0.53	0.0	0.0	415,0,0
		2468	0.53	0.0	0.0	415,0,0	2470	0.54	0.0	0.0	415,0,0
3459	ok	3601	0.50	0.0	0.0	415,0,0	3599	0.51	0.0	0.0	415,0,0
		2470	0.52	0.0	0.0	415,0,0	2472	0.50	0.0	0.0	415,0,0
3460	ok	3605	0.47	0.0	0.0	411,0,0	3601	0.50	0.0	0.0	415,0,0
		2472	0.50	0.0	0.0	411,0,0	2476	0.47	0.0	0.0	411,0,0
3461	ok	3831	0.53	0.0	0.0	413,0,0	3613	0.52	0.0	0.0	413,0,0
		2480	0.52	0.0	0.0	413,0,0	3833	0.53	0.0	0.0	413,0,0
3463	ok	3553	0.50	0.0	0.0	403,0,0	3566	0.52	0.0	0.0	409,0,0
		3568	0.52	0.0	0.0	409,0,0	2455	0.51	0.0	0.0	409,0,0
3464	ok	2480	0.49	0.0	0.0	417,0,0	2476	0.59	0.0	0.0	417,0,0
		4123	0.54	0.0	0.0	417,0,0	4125	0.50	0.0	0.0	413,0,0
3465	ok	2463	0.59	0.0	0.0	415,0,0	2459	0.52	0.0	0.0	407,0,0
		4111	0.52	0.0	0.0	407,0,0	4113	0.59	0.0	0.0	415,0,0
3466	ok	2459	0.52	0.0	0.0	407,0,0	2455	0.48	0.0	0.0	407,0,0
		4109	0.49	0.0	0.0	407,0,0	4111	0.53	0.0	0.0	407,0,0
3467	ok	2466	0.59	0.0	0.0	415,0,0	2463	0.59	0.0	0.0	415,0,0
		4113	0.59	0.0	0.0	415,0,0	4115	0.59	0.0	0.0	415,0,0
3468	ok	2468	0.60	0.0	0.0	415,0,0	2466	0.60	0.0	0.0	415,0,0
		4115	0.60	0.0	0.0	415,0,0	4117	0.60	0.0	0.0	415,0,0
3469	ok	2470	0.60	0.0	0.0	415,0,0	2468	0.60	0.0	0.0	415,0,0
		4117	0.60	0.0	0.0	415,0,0	4119	0.60	0.0	0.0	415,0,0
3470	ok	2472	0.59	0.0	0.0	415,0,0	2470	0.60	0.0	0.0	415,0,0
		4119	0.60	0.0	0.0	415,0,0	4121	0.59	0.0	0.0	415,0,0
3471	ok	2476	0.51	0.0	0.0	415,0,0	2472	0.56	0.0	0.0	415,0,0
		4121	0.57	0.0	0.0	415,0,0	4123	0.51	0.0	0.0	415,0,0
3472	ok	3833	0.54	0.0	0.0	417,0,0	2480	0.48	0.0	0.0	417,0,0
		4125	0.50	0.0	0.0	413,0,0	3319	0.54	0.0	0.0	417,0,0
3473	ok	1770	0.35	0.0	0.0	409,0,0	2777	0.35	0.0	0.0	409,0,0
		690	0.35	0.0	0.0	409,0,0					
3474	ok	2455	0.48	0.0	0.0	407,0,0	3568	0.53	0.0	0.0	407,0,0
		3327	0.43	0.0	0.0	399,0,0	4109	0.49	0.0	0.0	403,0,0
3475	ok	4125	0.49	0.0	0.0	413,0,0	4123	0.50	0.0	0.0	415,0,0
		3637	0.58	0.0	0.0	415,0,0	3644	0.48	0.0	0.0	415,0,0
3476	ok	4113	0.52	0.0	0.0	399,0,0	4111	0.51	0.0	0.0	407,0,0
		3603	0.54	0.0	0.0	407,0,0	3615	0.54	0.0	0.0	415,0,0
3477	ok	4111	0.49	0.0	0.0	399,0,0	4109	0.49	0.0	0.0	407,0,0
		3598	0.49	0.0	0.0	407,0,0	3603	0.53	0.0	0.0	407,0,0
3478	ok	4115	0.56	0.0	0.0	415,0,0	4113	0.58	0.0	0.0	407,0,0
		3615	0.58	0.0	0.0	407,0,0	3618	0.56	0.0	0.0	415,0,0
3479	ok	4117	0.60	0.0	0.0	415,0,0	4115	0.60	0.0	0.0	415,0,0
		3618	0.60	0.0	0.0	415,0,0	3621	0.60	0.0	0.0	415,0,0
3480	ok	4119	0.58	0.0	0.0	415,0,0	4117	0.58	0.0	0.0	415,0,0
		3621	0.58	0.0	0.0	415,0,0	3624	0.58	0.0	0.0	415,0,0
3481	ok	4121	0.58	0.0	0.0	415,0,0	4119	0.59	0.0	0.0	415,0,0
		3624	0.59	0.0	0.0	415,0,0	3629	0.58	0.0	0.0	415,0,0
3482	ok	4123	0.58	0.0	0.0	415,0,0	4121	0.58	0.0	0.0	415,0,0
		3629	0.59	0.0	0.0	415,0,0	3637	0.58	0.0	0.0	415,0,0
3483	ok	3319	0.54	0.0	0.0	417,0,0	4125	0.50	0.0	0.0	413,0,0
		3644	0.48	0.0	0.0	415,0,0	3835	0.53	0.0	0.0	413,0,0
3484	ok	1115	0.44	0.0	0.0	417,0,0	3901	0.44	0.0	0.0	417,0,0
		1901	0.44	0.0	0.0	417,0,0					
3485	ok	4109	0.49	0.0	0.0	407,0,0	3327	0.50	0.0	0.0	407,0,0
		3570	0.51	0.0	0.0	407,0,0	3598	0.48	0.0	0.0	407,0,0

Firmato digitalmente da:
Fiorelli Massimo
Firmato il
07/03/2024 18:24
Serial Certificato:
2902265
Valido dal 07/09/2023 al
InfoCamere Qualified Electronic Signature CA

3486	ok	3644	0.51	0.0	0.0	417,0,0	3637	0.47	0.0	0.0	413,0,0
		3154	0.46	0.0	0.0	413,0,0	3158	0.51	0.0	0.0	413,0,0
3487	ok	3615	0.49	0.0	0.0	407,0,0	3603	0.48	0.0	0.0	407,0,0
		2829	0.48	0.0	0.0	407,0,0	2845	0.49	0.0	0.0	407,0,0
3488	ok	3603	0.50	0.0	0.0	407,0,0	3598	0.50	0.0	0.0	407,0,0
		2812	0.50	0.0	0.0	403,0,0	2829	0.50	0.0	0.0	407,0,0
3489	ok	3618	0.50	0.0	0.0	415,0,0	3615	0.48	0.0	0.0	407,0,0
		2845	0.48	0.0	0.0	407,0,0	2867	0.53	0.0	0.0	415,0,0
3490	ok	3621	0.53	0.0	0.0	415,0,0	3618	0.49	0.0	0.0	415,0,0
		2867	0.49	0.0	0.0	415,0,0	2880	0.53	0.0	0.0	415,0,0
3491	ok	3624	0.54	0.0	0.0	415,0,0	3621	0.53	0.0	0.0	415,0,0
		2880	0.53	0.0	0.0	415,0,0	2887	0.54	0.0	0.0	415,0,0
3492	ok	3629	0.52	0.0	0.0	415,0,0	3624	0.54	0.0	0.0	415,0,0
		2887	0.54	0.0	0.0	415,0,0	2926	0.52	0.0	0.0	415,0,0
3493	ok	3637	0.46	0.0	0.0	413,0,0	3629	0.51	0.0	0.0	415,0,0
		2926	0.55	0.0	0.0	415,0,0	3154	0.46	0.0	0.0	413,0,0
3494	ok	3835	0.52	0.0	0.0	413,0,0	3644	0.51	0.0	0.0	413,0,0
		3158	0.51	0.0	0.0	413,0,0	3837	0.52	0.0	0.0	413,0,0
3495	ok	1909	0.49	0.0	0.0	409,0,0	706	0.49	0.0	0.0	409,0,0
		3282	0.49	0.0	0.0	409,0,0					
3496	ok	3598	0.50	0.0	0.0	403,0,0	3570	0.52	0.0	0.0	407,0,0
		3572	0.52	0.0	0.0	407,0,0	2812	0.50	0.0	0.0	403,0,0
3497	ok	3158	0.50	0.0	0.0	413,0,0	3154	0.48	0.0	0.0	413,0,0
		138	0.46	0.0	0.0	413,0,0	326	0.50	0.0	0.0	413,0,0
3498	ok	2845	0.45	0.0	0.0	395,0,0	2829	0.47	0.0	0.0	403,0,0
		4268	0.47	0.0	0.0	407,0,0	4272	0.44	0.0	0.0	407,0,0
3499	ok	2829	0.47	0.0	0.0	403,0,0	2812	0.49	0.0	0.0	407,0,0
		4264	0.49	0.0	0.0	407,0,0	4268	0.47	0.0	0.0	407,0,0
3500	ok	2867	0.43	0.0	0.0	415,0,0	2845	0.44	0.0	0.0	407,0,0
		4272	0.44	0.0	0.0	407,0,0	1457	0.43	0.0	0.0	415,0,0
3501	ok	2880	0.43	0.0	0.0	415,0,0	2867	0.42	0.0	0.0	415,0,0
		1457	0.42	0.0	0.0	415,0,0	2501	0.43	0.0	0.0	415,0,0
3502	ok	2887	0.44	0.0	0.0	415,0,0	2880	0.44	0.0	0.0	415,0,0
		2501	0.43	0.0	0.0	415,0,0	3162	0.44	0.0	0.0	415,0,0
3503	ok	2926	0.43	0.0	0.0	415,0,0	2887	0.43	0.0	0.0	415,0,0
		3162	0.43	0.0	0.0	415,0,0	1628	0.42	0.0	0.0	415,0,0
3504	ok	3154	0.45	0.0	0.0	413,0,0	2926	0.44	0.0	0.0	413,0,0
		1628	0.43	0.0	0.0	413,0,0	138	0.45	0.0	0.0	413,0,0
3505	ok	3837	0.51	0.0	0.0	413,0,0	3158	0.50	0.0	0.0	413,0,0
		326	0.50	0.0	0.0	413,0,0	3839	0.51	0.0	0.0	413,0,0
3506	ok	1873	0.51	0.0	0.0	415,0,0	1865	0.51	0.0	0.0	415,0,0
		703	0.51	0.0	0.0	415,0,0					
3507	ok	2812	0.50	0.0	0.0	407,0,0	3572	0.50	0.0	0.0	407,0,0
		3574	0.51	0.0	0.0	407,0,0	4264	0.50	0.0	0.0	407,0,0
3508	ok	326	0.49	0.0	0.0	413,0,0	138	0.50	0.0	0.0	401,0,0
		3988	0.51	0.0	0.0	401,0,0	3995	0.50	0.0	0.0	401,0,0
3509	ok	4272	0.45	0.0	0.0	407,0,0	4268	0.47	0.0	0.0	403,0,0
		3915	0.47	0.0	0.0	407,0,0	3934	0.45	0.0	0.0	407,0,0
3510	ok	4268	0.48	0.0	0.0	407,0,0	4264	0.49	0.0	0.0	407,0,0
		3909	0.49	0.0	0.0	407,0,0	3915	0.49	0.0	0.0	407,0,0
3511	ok	1457	0.38	0.0	0.0	407,0,0	4272	0.44	0.0	0.0	407,0,0
		3934	0.44	0.0	0.0	407,0,0	3951	0.38	0.0	0.0	407,0,0
3512	ok	2501	0.36	0.0	0.0	415,0,0	1457	0.38	0.0	0.0	407,0,0
		3951	0.38	0.0	0.0	407,0,0	3959	0.36	0.0	0.0	415,0,0
3513	ok	3162	0.39	0.0	0.0	415,0,0	2501	0.37	0.0	0.0	415,0,0
		3959	0.36	0.0	0.0	415,0,0	3967	0.39	0.0	0.0	415,0,0
3514	ok	1628	0.43	0.0	0.0	413,0,0	3162	0.38	0.0	0.0	417,0,0
		3967	0.38	0.0	0.0	417,0,0	3980	0.43	0.0	0.0	413,0,0
3515	ok	138	0.46	0.0	0.0	413,0,0	1628	0.44	0.0	0.0	413,0,0
		3980	0.44	0.0	0.0	413,0,0	3988	0.46	0.0	0.0	413,0,0
3516	ok	3839	0.51	0.0	0.0	401,0,0	326	0.53	0.0	0.0	401,0,0
		3995	0.55	0.0	0.0	401,0,0	3841	0.53	0.0	0.0	401,0,0
3517	ok	1885	0.13	0.0	0.0	395,0,0	1190	0.13	0.0	0.0	395,0,0
		4205	0.13	0.0	0.0	395,0,0					
3518	ok	4264	0.50	0.0	0.0	395,0,0	3574	0.50	0.0	0.0	395,0,0
		3576	0.51	0.0	0.0	400,0,0	3909	0.51	0.0	0.0	400,0,0
3519	ok	3995	0.51	0.0	0.0	401,0,0	3988	0.55	0.0	0.0	401,0,0
		3619	0.53	0.0	0.0	401,0,0	3627	0.53	0.0	0.0	401,0,0

Firmato digitalmente da: Fuselli Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2e2265
Valido dal 01/09/2023 al 01/09/2024
InfoCert Qualified Electronic Signature CA

3520	ok	3934	0.42	0.0	0.0	395,0,0	3915	0.47	0.0	0.0	407,0,0
		3531	0.47	0.0	0.0	407,0,0	3541	0.42	0.0	0.0	395,0,0
3521	ok	3915	0.52	0.0	0.0	400,0,0	3909	0.49	0.0	0.0	395,0,0
		3525	0.48	0.0	0.0	407,0,0	3531	0.52	0.0	0.0	407,0,0
3522	ok	3951	0.34	0.0	0.0	407,0,0	3934	0.39	0.0	0.0	407,0,0
		3541	0.39	0.0	0.0	407,0,0	3549	0.34	0.0	0.0	407,0,0
3523	ok	3959	0.31	0.0	0.0	417,0,0	3951	0.33	0.0	0.0	407,0,0
		3549	0.33	0.0	0.0	407,0,0	3573	0.32	0.0	0.0	407,0,0
3524	ok	3967	0.33	0.0	0.0	417,0,0	3959	0.32	0.0	0.0	415,0,0
		3573	0.33	0.0	0.0	417,0,0	3595	0.33	0.0	0.0	417,0,0
3525	ok	3980	0.39	0.0	0.0	413,0,0	3967	0.34	0.0	0.0	417,0,0
		3595	0.34	0.0	0.0	417,0,0	3609	0.39	0.0	0.0	413,0,0
3526	ok	3988	0.47	0.0	0.0	417,0,0	3980	0.41	0.0	0.0	401,0,0
		3609	0.42	0.0	0.0	401,0,0	3619	0.48	0.0	0.0	413,0,0
3527	ok	3841	0.56	0.0	0.0	401,0,0	3995	0.57	0.0	0.0	401,0,0
		3627	0.58	0.0	0.0	398,0,0	3843	0.58	0.0	0.0	398,0,0
3528	ok	1899	0.49	0.0	0.0	401,0,0	1116	0.48	0.27	0.78	
397,413,413											
		913	0.48	0.0	0.0	401,0,0	629	0.48	0.0	0.0	401,0,0
3529	ok	3909	0.54	0.0	0.0	400,0,0	3576	0.54	0.0	0.0	400,0,0
		3578	0.54	0.0	0.0	400,0,0	3525	0.54	0.0	0.0	400,0,0
3530	ok	3627	0.56	0.0	0.0	401,0,0	3619	0.56	0.0	0.0	398,0,0
		3306	0.56	0.0	0.0	401,0,0	3310	0.53	0.0	0.0	401,0,0
3531	ok	3541	0.41	0.0	0.0	395,0,0	3531	0.44	0.0	0.0	395,0,0
		3246	0.46	0.0	0.0	400,0,0	3278	0.44	0.0	0.0	395,0,0
3532	ok	3531	0.51	0.0	0.0	400,0,0	3525	0.48	0.0	0.0	400,0,0
		3227	0.48	0.0	0.0	407,0,0	3246	0.48	0.0	0.0	407,0,0
3533	ok	3549	0.32	0.0	0.0	407,0,0	3541	0.35	0.0	0.0	407,0,0
		3278	0.35	0.0	0.0	407,0,0	3286	0.33	0.0	0.0	407,0,0
3534	ok	3573	0.30	0.0	0.0	409,0,0	3549	0.31	0.0	0.0	407,0,0
		3286	0.31	0.0	0.0	407,0,0	3294	0.31	0.0	0.0	407,0,0
3535	ok	3595	0.31	0.0	0.0	417,0,0	3573	0.31	0.0	0.0	417,0,0
		3294	0.31	0.0	0.0	417,0,0	3298	0.31	0.0	0.0	417,0,0
3536	ok	3609	0.36	0.0	0.0	417,0,0	3595	0.32	0.0	0.0	417,0,0
		3298	0.34	0.0	0.0	409,0,0	3302	0.36	0.0	0.0	417,0,0
3537	ok	3619	0.45	0.0	0.0	401,0,0	3609	0.42	0.0	0.0	401,0,0
		3302	0.46	0.0	0.0	401,0,0	3306	0.48	0.0	0.0	401,0,0
3538	ok	3843	0.58	0.0	0.0	398,0,0	3627	0.58	0.0	0.0	398,0,0
		3310	0.58	0.0	0.0	401,0,0	3845	0.57	0.0	0.0	401,0,0
3539	ok	1887	0.25	0.0	0.0	407,0,0	3156	0.35	0.0	0.0	407,0,0
		700	0.32	0.0	0.0	407,0,0	1139	0.21	0.0	0.0	407,0,0
3540	ok	3525	0.55	0.0	0.0	400,0,0	3578	0.55	0.0	0.0	400,0,0
		3580	0.49	0.0	0.0	407,0,0	3227	0.49	0.0	0.0	407,0,0
3541	ok	3310	0.54	0.0	0.0	398,0,0	3306	0.55	0.0	0.0	401,0,0
		2465	0.55	0.0	0.0	401,0,0	2469	0.54	0.0	0.0	401,0,0
3542	ok	3278	0.41	0.0	0.0	395,0,0	3246	0.42	0.0	0.0	400,0,0
		1972	0.47	0.0	0.0	400,0,0	2131	0.46	0.0	0.0	395,0,0
3543	ok	3246	0.46	0.0	0.0	395,0,0	3227	0.48	0.0	0.0	400,0,0
		1928	0.47	0.0	0.0	395,0,0	1972	0.48	0.0	0.0	395,0,0
3544	ok	3286	0.31	0.0	0.0	395,0,0	3278	0.35	0.0	0.0	407,0,0
		2131	0.36	0.0	0.0	407,0,0	2268	0.31	0.0	0.0	395,0,0
3545	ok	3294	0.27	0.0	0.0	417,0,0	3286	0.27	0.0	0.0	417,0,0
		2268	0.27	0.0	0.0	417,0,0	2333	0.27	0.0	0.0	417,0,0
3546	ok	3298	0.29	0.0	0.0	417,0,0	3294	0.28	0.0	0.0	417,0,0
		2333	0.28	0.0	0.0	417,0,0	2342	0.28	0.0	0.0	417,0,0
3547	ok	3302	0.35	0.0	0.0	417,0,0	3298	0.33	0.0	0.0	401,0,0
		2342	0.34	0.0	0.0	401,0,0	2457	0.37	0.0	0.0	417,0,0
3548	ok	3306	0.43	0.0	0.0	401,0,0	3302	0.44	0.0	0.0	397,0,0
		2457	0.47	0.0	0.0	401,0,0	2465	0.48	0.0	0.0	398,0,0
3549	ok	3845	0.56	0.0	0.0	398,0,0	3310	0.57	0.0	0.0	398,0,0
		2469	0.53	0.0	0.0	401,0,0	3847	0.49	0.0	0.0	401,0,0
3550	ok	3156	0.46	0.0	0.0	407,0,0	4043	0.46	0.0	0.0	407,0,0
		1883	0.46	0.0	0.0	407,0,0					
3551	ok	3227	0.48	0.0	0.0	400,0,0	3580	0.54	0.0	0.0	400,0,0
		3582	0.51	0.0	0.0	407,0,0	1928	0.52	0.0	0.0	407,0,0
3552	ok	2469	0.51	0.0	0.0	398,0,0	2465	0.55	0.0	0.0	401,0,0
		4158	0.45	0.0	0.0	398,0,0	4160	0.43	0.0	0.0	398,0,0
3553	ok	2131	0.42	0.0	0.0	395,0,0	1972	0.40	0.0	0.0	395,0,0

Firmato digitalmente da: Fogagni Massimo
Firmato il 10/10/2024 18:24
Serial Certificato: 2e2265
Valido dal 07/09/2023 al
in base a Qualified Electronic

		4146	0.41	0.0	0.0	400,0,0	4148	0.44	0.0	0.0	400,0,0
3554	ok	1972	0.46	0.0	0.0	395,0,0	1928	0.43	0.0	0.0	400,0,0
		4144	0.47	0.0	0.0	400,0,0	4146	0.48	0.0	0.0	400,0,0
3555	ok	2268	0.32	0.0	0.0	415,0,0	2131	0.30	0.0	0.0	415,0,0
		4148	0.30	0.0	0.0	407,0,0	4150	0.32	0.0	0.0	415,0,0
3556	ok	2333	0.31	0.0	0.0	417,0,0	2268	0.31	0.0	0.0	417,0,0
		4150	0.30	0.0	0.0	417,0,0	4152	0.31	0.0	0.0	417,0,0
3557	ok	2342	0.32	0.0	0.0	417,0,0	2333	0.32	0.0	0.0	417,0,0
		4152	0.32	0.0	0.0	417,0,0	4154	0.31	0.0	0.0	417,0,0
3558	ok	2457	0.33	0.0	0.0	417,0,0	2342	0.35	0.0	0.0	401,0,0
		4154	0.35	0.0	0.0	401,0,0	4156	0.33	0.0	0.0	417,0,0
3559	ok	2465	0.42	0.0	0.0	401,0,0	2457	0.45	0.0	0.0	401,0,0
		4156	0.46	0.0	0.0	401,0,0	4158	0.43	0.0	0.0	401,0,0
3560	ok	3847	0.53	0.0	0.0	398,0,0	2469	0.48	0.0	0.0	401,0,0
		4160	0.48	0.0	0.0	398,0,0	3642	0.53	0.0	0.0	398,0,0
3561	ok	1116	0.47	0.0	0.0	401,0,0	4049	0.47	0.0	0.0	401,0,0
		1895	0.47	0.0	0.0	401,0,0					
3562	ok	1928	0.48	0.0	0.0	395,0,0	3582	0.48	0.0	0.0	400,0,0
		3377	0.54	0.0	0.0	400,0,0	4144	0.49	0.0	0.0	400,0,0
3563	ok	4160	0.45	0.0	0.0	398,0,0	4158	0.44	0.0	0.0	398,0,0
		4252	0.51	0.0	0.0	401,0,0	4256	0.43	0.0	0.0	401,0,0
3564	ok	4148	0.42	0.0	0.0	395,0,0	4146	0.41	0.0	0.0	395,0,0
		4210	0.40	0.0	0.0	395,0,0	4218	0.42	0.0	0.0	395,0,0
3565	ok	4146	0.45	0.0	0.0	400,0,0	4144	0.44	0.0	0.0	400,0,0
		4199	0.44	0.0	0.0	400,0,0	4210	0.43	0.0	0.0	395,0,0
3566	ok	4150	0.39	0.0	0.0	399,0,0	4148	0.34	0.0	0.0	399,0,0
		4218	0.33	0.0	0.0	395,0,0	4234	0.37	0.0	0.0	399,0,0
3567	ok	4152	0.31	0.0	0.0	395,0,0	4150	0.29	0.0	0.0	399,0,0
		4234	0.29	0.0	0.0	399,0,0	4240	0.31	0.0	0.0	395,0,0
3568	ok	4154	0.33	0.0	0.0	401,0,0	4152	0.35	0.0	0.0	401,0,0
		4240	0.36	0.0	0.0	401,0,0	4244	0.34	0.0	0.0	401,0,0
3569	ok	4156	0.39	0.0	0.0	401,0,0	4154	0.43	0.0	0.0	401,0,0
		4244	0.42	0.0	0.0	401,0,0	4248	0.38	0.0	0.0	401,0,0
3570	ok	4158	0.47	0.0	0.0	401,0,0	4156	0.50	0.0	0.0	401,0,0
		4248	0.49	0.0	0.0	401,0,0	4252	0.42	0.0	0.0	401,0,0
3571	ok	3642	0.48	0.0	0.0	398,0,0	4160	0.49	0.0	0.0	398,0,0
		4256	0.34	0.0	0.0	417,0,0	3849	0.33	0.0	0.0	417,0,0
3573	ok	4144	0.48	0.0	0.0	400,0,0	3377	0.47	0.0	0.0	400,0,0
		3584	0.31	0.0	0.0	409,0,0	4199	0.34	0.0	0.0	407,0,0
3574	ok	4256	0.44	0.0	0.0	401,0,0	4252	0.49	0.0	0.0	401,0,0
		4157	0.39	0.0	0.0	401,0,0	4161	0.36	0.0	0.0	417,0,0
3575	ok	3309	0.52	0.0	0.0	393,0,0	4211	0.45	0.0	0.0	393,0,0
		4365	0.42	0.0	0.0	401,0,0	3528	0.44	0.0	0.0	393,0,0
3576	ok	3528	0.40	0.0	0.0	409,0,0	4365	0.46	0.0	0.0	393,0,0
		4349	0.51	0.0	0.0	393,0,0	3530	0.37	0.0	0.0	405,0,0
3577	ok	3530	0.35	0.0	0.0	409,0,0	4349	0.44	0.0	0.0	389,0,0
		4351	0.47	0.0	0.0	389,0,0	3532	0.36	0.0	0.0	405,0,0
3578	ok	3532	0.36	0.0	0.0	409,0,0	4351	0.35	0.0	0.0	405,0,0
		4353	0.38	0.0	0.0	417,0,0	3534	0.36	0.0	0.0	409,0,0
3579	ok	3534	0.36	0.0	0.0	409,0,0	4353	0.38	0.0	0.0	417,0,0
		4355	0.40	0.0	0.0	417,0,0	3536	0.37	0.0	0.0	409,0,0
3580	ok	3536	0.36	0.0	0.0	409,0,0	4355	0.39	0.0	0.0	409,0,0
		4357	0.43	0.0	0.0	411,0,0	3538	0.38	0.0	0.0	411,0,0
3581	ok	3538	0.38	0.0	0.0	411,0,0	4357	0.41	0.0	0.0	411,0,0
		4359	0.45	0.0	0.0	411,0,0	3540	0.40	0.0	0.0	403,0,0
3582	ok	3540	0.46	0.0	0.0	403,0,0	4359	0.36	0.0	0.0	411,0,0
		4239	0.27	0.0	0.0	406,0,0	3365	0.31	0.0	0.0	406,0,0
3583	ok	4543	0.48	0.0	0.0	413,0,0	1199	0.47	0.0	0.0	417,0,0
		2064	0.47	0.0	0.0	417,0,0	4544	0.48	0.0	0.0	413,0,0
3584	ok	4365	0.59	0.0	0.0	393,0,0	4394	0.42	0.0	0.0	413,0,0
		4378	0.35	0.0	0.0	413,0,0	4349	0.50	0.0	0.0	393,0,0
3585	ok	4349	0.40	0.0	0.0	405,0,0	4378	0.39	0.0	0.0	413,0,0
		4380	0.37	0.0	0.0	417,0,0	4351	0.38	0.0	0.0	417,0,0
3586	ok	4351	0.39	0.0	0.0	409,0,0	4380	0.38	0.0	0.0	417,0,0
		4382	0.38	0.0	0.0	417,0,0	4353	0.38	0.0	0.0	405,0,0
3587	ok	4353	0.37	0.0	0.0	409,0,0	4382	0.37	0.0	0.0	417,0,0
		4384	0.39	0.0	0.0	417,0,0	4355	0.38	0.0	0.0	417,0,0
3588	ok	4355	0.36	0.0	0.0	409,0,0	4384	0.35	0.0	0.0	417,0,0

Firmato digitalmente da: Fogagni Massimo
Firmato il 5/7/2024 18:24
Serial Certificato: 2f02f55
Valido dal 07/09/2023 al
In base a Qualified Electronic Signature

		4386	0.37	0.0	0.0	417,0,0	4357	0.38	0.0	0.0	409,0,0
3589	ok	4357	0.32	0.0	0.0	408,0,0	4386	0.33	0.0	0.0	409,0,0
		4388	0.29	0.0	0.0	409,0,0	4359	0.35	0.0	0.0	408,0,0
3590	ok	4427	0.26	0.0	0.0	405,0,0	4221	0.24	0.0	0.0	413,0,0
		4436	0.25	0.0	0.0	405,0,0	4394	0.27	0.0	0.0	405,0,0
3591	ok	4211	0.25	0.0	0.0	405,0,0	4427	0.30	0.0	0.0	405,0,0
		4394	0.39	0.0	0.0	405,0,0	4365	0.36	0.0	0.0	405,0,0
3592	ok	4394	0.27	0.0	0.0	405,0,0	4436	0.25	0.0	0.0	405,0,0
		4420	0.28	0.0	0.0	405,0,0	4378	0.29	0.0	0.0	405,0,0
3593	ok	4378	0.32	0.0	0.0	413,0,0	4420	0.25	0.0	0.0	413,0,0
		4422	0.22	0.0	0.0	413,0,0	4380	0.29	0.0	0.0	413,0,0
3594	ok	4380	0.32	0.0	0.0	413,0,0	4422	0.26	0.0	0.0	413,0,0
		4424	0.25	0.0	0.0	413,0,0	4382	0.31	0.0	0.0	413,0,0
3595	ok	4382	0.31	0.0	0.0	413,0,0	4424	0.27	0.0	0.0	413,0,0
		4426	0.27	0.0	0.0	413,0,0	4384	0.31	0.0	0.0	413,0,0
3596	ok	4384	0.28	0.0	0.0	413,0,0	4426	0.30	0.0	0.0	409,0,0
		4428	0.27	0.0	0.0	417,0,0	4386	0.28	0.0	0.0	413,0,0
3597	ok	4386	0.33	0.0	0.0	409,0,0	4428	0.41	0.0	0.0	409,0,0
		4430	0.36	0.0	0.0	409,0,0	4388	0.29	0.0	0.0	409,0,0
3598	ok	4239	0.29	0.0	0.0	409,0,0	4429	0.43	0.0	0.0	409,0,0
		4458	0.38	0.0	0.0	409,0,0	4410	0.25	0.0	0.0	409,0,0
3599	ok	4200	0.44	0.0	0.0	387,0,0	3301	0.47	0.0	0.0	392,0,0
		3793	0.42	0.0	0.0	413,0,0	4440	0.47	0.0	0.0	394,0,0
3600	ok	4440	0.45	0.0	0.0	405,0,0	3793	0.42	0.0	0.0	411,0,0
		3795	0.38	0.0	0.0	411,0,0	4441	0.47	0.0	0.0	405,0,0
3601	ok	4441	0.42	0.0	0.0	413,0,0	3795	0.34	0.0	0.0	415,0,0
		3797	0.34	0.0	0.0	413,0,0	4442	0.44	0.0	0.0	413,0,0
3602	ok	4442	0.37	0.0	0.0	413,0,0	3797	0.34	0.0	0.0	413,0,0
		3799	0.35	0.0	0.0	413,0,0	4443	0.39	0.0	0.0	405,0,0
3603	ok	4443	0.37	0.0	0.0	405,0,0	3799	0.34	0.0	0.0	413,0,0
		3801	0.35	0.0	0.0	413,0,0	4444	0.39	0.0	0.0	405,0,0
3604	ok	4444	0.38	0.0	0.0	413,0,0	3801	0.34	0.0	0.0	413,0,0
		3803	0.36	0.0	0.0	413,0,0	4445	0.41	0.0	0.0	405,0,0
3605	ok	4445	0.45	0.0	0.0	413,0,0	3803	0.38	0.0	0.0	413,0,0
		3805	0.40	0.0	0.0	413,0,0	4446	0.47	0.0	0.0	413,0,0
3606	ok	4446	0.35	0.0	0.0	405,0,0	3805	0.47	0.0	0.0	413,0,0
		3630	0.30	0.0	0.0	412,0,0	4233	0.27	0.0	0.0	412,0,0
3607	ok	4452	0.35	0.0	0.0	409,0,0	4507	0.36	0.0	0.0	409,0,0
		2475	0.36	0.0	0.0	409,0,0	4467	0.35	0.0	0.0	409,0,0
3608	ok	4498	0.42	0.0	0.0	413,0,0	4440	0.54	0.0	0.0	409,0,0
		4441	0.49	0.0	0.0	409,0,0	4499	0.34	0.0	0.0	413,0,0
3609	ok	4499	0.40	0.0	0.0	405,0,0	4441	0.38	0.0	0.0	413,0,0
		4442	0.38	0.0	0.0	405,0,0	4500	0.36	0.0	0.0	405,0,0
3610	ok	4500	0.40	0.0	0.0	405,0,0	4442	0.37	0.0	0.0	413,0,0
		4443	0.36	0.0	0.0	405,0,0	4501	0.39	0.0	0.0	405,0,0
3611	ok	4501	0.40	0.0	0.0	405,0,0	4443	0.35	0.0	0.0	413,0,0
		4444	0.36	0.0	0.0	413,0,0	4502	0.41	0.0	0.0	405,0,0
3612	ok	4502	0.38	0.0	0.0	405,0,0	4444	0.35	0.0	0.0	413,0,0
		4445	0.36	0.0	0.0	413,0,0	4503	0.40	0.0	0.0	405,0,0
3613	ok	4503	0.32	0.0	0.0	415,0,0	4445	0.31	0.0	0.0	412,0,0
		4446	0.34	0.0	0.0	412,0,0	4504	0.30	0.0	0.0	415,0,0
3614	ok	4398	0.40	0.0	0.0	413,0,0	4361	0.40	0.0	0.0	415,0,0
		4362	0.39	0.0	0.0	415,0,0	4399	0.40	0.0	0.0	413,0,0
3615	ok	1175	0.39	0.0	0.0	408,0,0	4406	0.30	0.0	0.0	410,0,0
		137	0.12	0.0	0.0	418,0,0	4468	0.13	0.0	0.0	410,0,0
3616	ok	939	0.24	0.0	0.0	411,0,0	4498	0.26	0.0	0.0	411,0,0
		4499	0.27	0.0	0.0	411,0,0	952	0.26	0.0	0.0	411,0,0
3617	ok	952	0.24	0.0	0.0	413,0,0	4499	0.31	0.0	0.0	409,0,0
		4500	0.29	0.0	0.0	405,0,0	2499	0.21	0.0	0.0	405,0,0
3618	ok	2499	0.26	0.0	0.0	405,0,0	4500	0.32	0.0	0.0	405,0,0
		4501	0.31	0.0	0.0	405,0,0	2526	0.25	0.0	0.0	405,0,0
3619	ok	2526	0.28	0.0	0.0	405,0,0	4501	0.32	0.0	0.0	405,0,0
		4502	0.32	0.0	0.0	405,0,0	2565	0.28	0.0	0.0	405,0,0
3620	ok	2565	0.29	0.0	0.0	415,0,0	4502	0.30	0.0	0.0	405,0,0
		4503	0.30	0.0	0.0	405,0,0	4350	0.28	0.0	0.0	405,0,0
3621	ok	4350	0.41	0.0	0.0	415,0,0	4503	0.32	0.0	0.0	415,0,0
		4504	0.29	0.0	0.0	415,0,0	4352	0.37	0.0	0.0	415,0,0
3622	ok	4399	0.40	0.0	0.0	415,0,0	4362	0.39	0.0	0.0	415,0,0

Firmato digitalmente da: Fogliani Massimo
Firmato il 10/10/2024 18:24
Serial Certificato: 2902265
Valido dal 06/09/2023 al
Trust Service Qualified Electronic

		4363	0.39	0.0	0.0	415,0,0	4407	0.40	0.0	0.0	415,0,0
3623	ok	3365	0.30	0.0	0.0	406,0,0	4239	0.22	0.0	0.0	397,0,0
		4410	0.42	0.0	0.0	391,0,0	3542	0.46	0.0	0.0	391,0,0
3624	ok	3542	0.50	0.0	0.0	411,0,0	4410	0.52	0.0	0.0	411,0,0
		4411	0.38	0.0	0.0	391,0,0	3544	0.36	0.0	0.0	391,0,0
3625	ok	3544	0.37	0.0	0.0	399,0,0	4411	0.37	0.0	0.0	411,0,0
		4412	0.30	0.0	0.0	391,0,0	3546	0.30	0.0	0.0	399,0,0
3626	ok	3546	0.31	0.0	0.0	395,0,0	4412	0.30	0.0	0.0	399,0,0
		4413	0.26	0.0	0.0	395,0,0	3548	0.27	0.0	0.0	395,0,0
3627	ok	3548	0.28	0.0	0.0	395,0,0	4413	0.28	0.0	0.0	395,0,0
		4414	0.28	0.0	0.0	395,0,0	3550	0.28	0.0	0.0	395,0,0
3628	ok	3550	0.30	0.0	0.0	407,0,0	4414	0.32	0.0	0.0	407,0,0
		4415	0.32	0.0	0.0	399,0,0	3552	0.31	0.0	0.0	399,0,0
3629	ok	3552	0.35	0.0	0.0	407,0,0	4415	0.37	0.0	0.0	407,0,0
		4416	0.38	0.0	0.0	395,0,0	3554	0.38	0.0	0.0	395,0,0
3630	ok	3554	0.41	0.0	0.0	399,0,0	4416	0.41	0.0	0.0	415,0,0
		4251	0.42	0.0	0.0	407,0,0	3371	0.36	0.0	0.0	407,0,0
3631	ok	4359	0.39	0.0	0.0	409,0,0	4388	0.39	0.0	0.0	409,0,0
		4429	0.39	0.0	0.0	409,0,0					
3632	ok	4410	0.24	0.0	0.0	403,0,0	4458	0.22	0.0	0.0	397,0,0
		4459	0.25	0.0	0.0	391,0,0	4411	0.26	0.0	0.0	415,0,0
3633	ok	4411	0.24	0.0	0.0	411,0,0	4459	0.24	0.0	0.0	411,0,0
		4460	0.22	0.0	0.0	411,0,0	4412	0.23	0.0	0.0	411,0,0
3634	ok	4412	0.20	0.0	0.0	405,0,0	4460	0.19	0.0	0.0	407,0,0
		4461	0.18	0.0	0.0	407,0,0	4413	0.20	0.0	0.0	409,0,0
3635	ok	4413	0.21	0.0	0.0	409,0,0	4461	0.20	0.0	0.0	409,0,0
		4462	0.19	0.0	0.0	409,0,0	4414	0.21	0.0	0.0	409,0,0
3636	ok	4414	0.26	0.0	0.0	409,0,0	4462	0.27	0.0	0.0	407,0,0
		4463	0.27	0.0	0.0	407,0,0	4415	0.26	0.0	0.0	415,0,0
3637	ok	4415	0.32	0.0	0.0	407,0,0	4463	0.35	0.0	0.0	407,0,0
		4464	0.35	0.0	0.0	407,0,0	4416	0.32	0.0	0.0	407,0,0
3638	ok	4416	0.40	0.0	0.0	407,0,0	4464	0.44	0.0	0.0	407,0,0
		4431	0.45	0.0	0.0	407,0,0	4251	0.40	0.0	0.0	407,0,0
3639	ok	4239	0.31	0.0	0.0	409,0,0	4359	0.31	0.0	0.0	409,0,0
		4429	0.31	0.0	0.0	409,0,0					
3640	ok	4458	0.20	0.0	0.0	397,0,0	4492	0.23	0.0	0.0	409,0,0
		4493	0.24	0.0	0.0	409,0,0	4459	0.21	0.0	0.0	409,0,0
3641	ok	4459	0.18	0.0	0.0	407,0,0	4493	0.17	0.0	0.0	407,0,0
		4494	0.17	0.0	0.0	407,0,0	4460	0.18	0.0	0.0	407,0,0
3642	ok	4460	0.18	0.0	0.0	407,0,0	4494	0.16	0.0	0.0	407,0,0
		4495	0.16	0.0	0.0	407,0,0	4461	0.18	0.0	0.0	407,0,0
3643	ok	4461	0.19	0.0	0.0	407,0,0	4495	0.17	0.0	0.0	407,0,0
		4496	0.17	0.0	0.0	407,0,0	4462	0.19	0.0	0.0	407,0,0
3644	ok	4462	0.26	0.0	0.0	407,0,0	4496	0.25	0.0	0.0	407,0,0
		4497	0.25	0.0	0.0	407,0,0	4463	0.26	0.0	0.0	407,0,0
3645	ok	4463	0.34	0.0	0.0	407,0,0	4497	0.35	0.0	0.0	407,0,0
		4505	0.35	0.0	0.0	407,0,0	4464	0.33	0.0	0.0	407,0,0
3646	ok	4429	0.39	0.0	0.0	409,0,0	4243	0.45	0.0	0.0	409,0,0
		4492	0.45	0.0	0.0	409,0,0	4458	0.38	0.0	0.0	409,0,0
3647	ok	3371	0.35	0.0	0.0	405,0,0	4251	0.45	0.0	0.0	407,0,0
		4518	0.45	0.0	0.0	407,0,0	3556	0.36	0.0	0.0	405,0,0
3648	ok	3556	0.46	0.0	0.0	407,0,0	4518	0.47	0.0	0.0	407,0,0
		4519	0.47	0.0	0.0	407,0,0	3558	0.46	0.0	0.0	407,0,0
3649	ok	3558	0.46	0.0	0.0	407,0,0	4519	0.48	0.0	0.0	407,0,0
		4520	0.48	0.0	0.0	407,0,0	3560	0.46	0.0	0.0	407,0,0
3650	ok	3560	0.48	0.0	0.0	407,0,0	4520	0.48	0.0	0.0	407,0,0
		4521	0.48	0.0	0.0	407,0,0	3562	0.48	0.0	0.0	407,0,0
3651	ok	3562	0.49	0.0	0.0	407,0,0	4521	0.49	0.0	0.0	407,0,0
		4522	0.48	0.0	0.0	407,0,0	3564	0.49	0.0	0.0	407,0,0
3652	ok	3564	0.50	0.0	0.0	407,0,0	4522	0.49	0.0	0.0	407,0,0
		4523	0.49	0.0	0.0	407,0,0	3566	0.51	0.0	0.0	407,0,0
3653	ok	3566	0.52	0.0	0.0	407,0,0	4523	0.49	0.0	0.0	407,0,0
		4524	0.49	0.0	0.0	407,0,0	3568	0.52	0.0	0.0	407,0,0
3654	ok	3568	0.54	0.0	0.0	403,0,0	4524	0.49	0.0	0.0	403,0,0
		4263	0.50	0.0	0.0	405,0,0	3327	0.53	0.0	0.0	407,0,0
3655	ok	4251	0.46	0.0	0.0	407,0,0	4431	0.46	0.0	0.0	407,0,0
		4552	0.46	0.0	0.0	407,0,0	4518	0.46	0.0	0.0	407,0,0
3656	ok	4518	0.45	0.0	0.0	407,0,0	4552	0.47	0.0	0.0	407,0,0

Firmato digitalmente da: Fogagni Massimo
Firmato il 10/10/2024 18:24
Serial Certificato: 2e2265
Valido dal 07/09/2023 al 07/09/2026
InfoCert Qualified Electronic Signature CA

		4553	0.47	0.0	0.0	407,0,0	4519	0.46	0.0	0.0	407,0,0
3657	ok	4519	0.47	0.0	0.0	407,0,0	4553	0.47	0.0	0.0	407,0,0
		4554	0.47	0.0	0.0	407,0,0	4520	0.47	0.0	0.0	407,0,0
3658	ok	4520	0.48	0.0	0.0	407,0,0	4554	0.47	0.0	0.0	407,0,0
		4555	0.47	0.0	0.0	407,0,0	4521	0.48	0.0	0.0	407,0,0
3659	ok	4521	0.49	0.0	0.0	407,0,0	4555	0.47	0.0	0.0	407,0,0
		4556	0.47	0.0	0.0	407,0,0	4522	0.48	0.0	0.0	407,0,0
3660	ok	4522	0.49	0.0	0.0	409,0,0	4556	0.47	0.0	0.0	409,0,0
		4557	0.47	0.0	0.0	409,0,0	4523	0.48	0.0	0.0	405,0,0
3661	ok	4523	0.49	0.0	0.0	405,0,0	4557	0.48	0.0	0.0	405,0,0
		4558	0.49	0.0	0.0	409,0,0	4524	0.49	0.0	0.0	405,0,0
3662	ok	4524	0.49	0.0	0.0	409,0,0	4558	0.52	0.0	0.0	409,0,0
		4432	0.59	0.0	0.0	409,0,0	4263	0.49	0.0	0.0	409,0,0
3663	ok	4388	0.40	0.0	0.0	409,0,0	4430	0.54	0.0	0.0	417,0,0
		4243	0.52	0.0	0.0	409,0,0	4429	0.39	0.0	0.0	409,0,0
3664	ok	4552	0.47	0.0	0.0	407,0,0	4366	0.47	0.0	0.0	407,0,0
		4367	0.47	0.0	0.0	407,0,0	4553	0.47	0.0	0.0	407,0,0
3665	ok	4553	0.47	0.0	0.0	407,0,0	4367	0.47	0.0	0.0	407,0,0
		4368	0.47	0.0	0.0	407,0,0	4554	0.47	0.0	0.0	407,0,0
3666	ok	4554	0.47	0.0	0.0	407,0,0	4368	0.47	0.0	0.0	407,0,0
		4369	0.47	0.0	0.0	407,0,0	4555	0.47	0.0	0.0	407,0,0
3667	ok	4555	0.48	0.0	0.0	407,0,0	4369	0.47	0.0	0.0	407,0,0
		4370	0.47	0.0	0.0	407,0,0	4556	0.48	0.0	0.0	407,0,0
3668	ok	4556	0.48	0.0	0.0	409,0,0	4370	0.47	0.0	0.0	409,0,0
		4371	0.47	0.0	0.0	409,0,0	4557	0.48	0.0	0.0	409,0,0
3669	ok	4557	0.48	0.0	0.0	409,0,0	4371	0.50	0.0	0.0	409,0,0
		4372	0.50	0.0	0.0	409,0,0	4558	0.48	0.0	0.0	409,0,0
3670	ok	4431	0.46	0.0	0.0	407,0,0	4255	0.47	0.0	0.0	403,0,0
		4366	0.47	0.0	0.0	403,0,0	4552	0.46	0.0	0.0	407,0,0
3671	ok	3327	0.53	0.0	0.0	407,0,0	4263	0.50	0.0	0.0	409,0,0
		4390	0.50	0.0	0.0	403,0,0	3570	0.53	0.0	0.0	415,0,0
3672	ok	3570	0.51	0.0	0.0	407,0,0	4390	0.48	0.0	0.0	405,0,0
		4391	0.48	0.0	0.0	405,0,0	3572	0.51	0.0	0.0	415,0,0
3673	ok	3572	0.49	0.0	0.0	403,0,0	4391	0.48	0.0	0.0	407,0,0
		4392	0.48	0.0	0.0	407,0,0	3574	0.50	0.0	0.0	407,0,0
3674	ok	3574	0.47	0.0	0.0	407,0,0	4392	0.47	0.0	0.0	407,0,0
		4393	0.47	0.0	0.0	407,0,0	3576	0.48	0.0	0.0	407,0,0
3675	ok	3576	0.45	0.0	0.0	407,0,0	4393	0.45	0.0	0.0	407,0,0
		4395	0.45	0.0	0.0	407,0,0	3578	0.46	0.0	0.0	407,0,0
3676	ok	3578	0.43	0.0	0.0	407,0,0	4395	0.43	0.0	0.0	407,0,0
		4396	0.43	0.0	0.0	407,0,0	3580	0.44	0.0	0.0	407,0,0
3677	ok	3580	0.41	0.0	0.0	396,0,0	4396	0.39	0.0	0.0	407,0,0
		4397	0.47	0.0	0.0	400,0,0	3582	0.55	0.0	0.0	400,0,0
3678	ok	3582	0.52	0.0	0.0	400,0,0	4397	0.55	0.0	0.0	400,0,0
		862	0.32	0.0	0.0	409,0,0	3377	0.29	0.0	0.0	409,0,0
3679	ok	4263	0.48	0.0	0.0	409,0,0	4432	0.59	0.0	0.0	409,0,0
		4439	0.52	0.0	0.0	409,0,0	4390	0.48	0.0	0.0	405,0,0
3680	ok	4390	0.48	0.0	0.0	405,0,0	4439	0.48	0.0	0.0	409,0,0
		4447	0.48	0.0	0.0	405,0,0	4391	0.48	0.0	0.0	405,0,0
3681	ok	4391	0.47	0.0	0.0	405,0,0	4447	0.45	0.0	0.0	409,0,0
		4448	0.45	0.0	0.0	409,0,0	4392	0.47	0.0	0.0	409,0,0
3682	ok	4392	0.45	0.0	0.0	407,0,0	4448	0.44	0.0	0.0	407,0,0
		4449	0.44	0.0	0.0	403,0,0	4393	0.45	0.0	0.0	407,0,0
3683	ok	4393	0.43	0.0	0.0	407,0,0	4449	0.42	0.0	0.0	407,0,0
		4450	0.42	0.0	0.0	407,0,0	4395	0.43	0.0	0.0	407,0,0
3684	ok	4395	0.40	0.0	0.0	403,0,0	4450	0.40	0.0	0.0	407,0,0
		4451	0.40	0.0	0.0	407,0,0	4396	0.40	0.0	0.0	403,0,0
3685	ok	4396	0.37	0.0	0.0	409,0,0	4451	0.39	0.0	0.0	407,0,0
		4452	0.39	0.0	0.0	407,0,0	4397	0.37	0.0	0.0	409,0,0
3686	ok	4397	0.32	0.0	0.0	409,0,0	4452	0.33	0.0	0.0	409,0,0
		4467	0.34	0.0	0.0	409,0,0	862	0.32	0.0	0.0	409,0,0
3687	ok	4464	0.42	0.0	0.0	407,0,0	4505	0.47	0.0	0.0	407,0,0
		4255	0.47	0.0	0.0	407,0,0	4431	0.43	0.0	0.0	407,0,0
3688	ok	4439	0.46	0.0	0.0	409,0,0	4487	0.51	0.0	0.0	409,0,0
		4488	0.50	0.0	0.0	409,0,0	4447	0.46	0.0	0.0	409,0,0
3689	ok	4447	0.45	0.0	0.0	409,0,0	4488	0.45	0.0	0.0	409,0,0
		4489	0.45	0.0	0.0	409,0,0	4448	0.45	0.0	0.0	409,0,0
3690	ok	4448	0.44	0.0	0.0	403,0,0	4489	0.43	0.0	0.0	403,0,0

Firmato digitalmente da: Fogliani Massimo
Firmato il 03/10/2024 18:24
Serial Certificato: 2902265
Valido dal 07/09/2023 al
Qualified Electronic

		4490	0.43	0.0	0.0	403,0,0	4449	0.44	0.0	0.0	403,0,0
3691	ok	4449	0.42	0.0	0.0	403,0,0	4490	0.42	0.0	0.0	403,0,0
		4491	0.42	0.0	0.0	403,0,0	4450	0.42	0.0	0.0	403,0,0
3692	ok	4450	0.40	0.0	0.0	403,0,0	4491	0.40	0.0	0.0	403,0,0
		4506	0.40	0.0	0.0	403,0,0	4451	0.40	0.0	0.0	403,0,0
3693	ok	4451	0.37	0.0	0.0	407,0,0	4506	0.39	0.0	0.0	407,0,0
		4507	0.39	0.0	0.0	407,0,0	4452	0.37	0.0	0.0	409,0,0
3694	ok	4558	0.51	0.0	0.0	409,0,0	4372	0.53	0.0	0.0	409,0,0
		4267	0.53	0.0	0.0	409,0,0	4432	0.52	0.0	0.0	409,0,0
3695	ok	3584	0.50	0.0	0.0	400,0,0	4517	0.52	0.0	0.0	400,0,0
		4525	0.47	0.0	0.0	400,0,0	3586	0.44	0.0	0.0	400,0,0
3696	ok	3586	0.45	0.0	0.0	400,0,0	4525	0.47	0.0	0.0	400,0,0
		4526	0.39	0.0	0.0	400,0,0	3588	0.37	0.0	0.0	400,0,0
3697	ok	3588	0.37	0.0	0.0	400,0,0	4526	0.39	0.0	0.0	400,0,0
		4527	0.31	0.0	0.0	400,0,0	3590	0.28	0.0	0.0	400,0,0
3698	ok	3590	0.29	0.0	0.0	400,0,0	4527	0.30	0.0	0.0	400,0,0
		4528	0.27	0.0	0.0	415,0,0	3592	0.28	0.0	0.0	415,0,0
3699	ok	3592	0.26	0.0	0.0	415,0,0	4528	0.25	0.0	0.0	415,0,0
		4529	0.26	0.0	0.0	415,0,0	3594	0.28	0.0	0.0	407,0,0
3700	ok	3596	0.38	0.0	0.0	415,0,0	4530	0.30	0.0	0.0	407,0,0
		965	0.40	0.0	0.0	410,0,0	3347	0.39	0.0	0.0	410,0,0
3701	ok	3594	0.27	0.0	0.0	415,0,0	4529	0.30	0.0	0.0	410,0,0
		4530	0.34	0.0	0.0	404,0,0	3596	0.33	0.0	0.0	407,0,0
3702	ok	3377	0.21	0.0	0.0	400,0,0	862	0.30	0.0	0.0	403,0,0
		4517	0.50	0.0	0.0	400,0,0	3584	0.56	0.0	0.0	400,0,0
3703	ok	4517	0.18	0.0	0.0	409,0,0	2578	0.22	0.0	0.0	407,0,0
		2998	0.23	0.0	0.0	407,0,0	4525	0.21	0.0	0.0	395,0,0
3704	ok	4525	0.20	0.0	0.0	400,0,0	2998	0.22	0.0	0.0	400,0,0
		3166	0.19	0.0	0.0	400,0,0	4526	0.19	0.0	0.0	400,0,0
3705	ok	4526	0.18	0.0	0.0	416,0,0	3166	0.21	0.0	0.0	416,0,0
		2552	0.16	0.0	0.0	400,0,0	4527	0.15	0.0	0.0	396,0,0
3706	ok	4527	0.16	0.0	0.0	408,0,0	2552	0.18	0.0	0.0	408,0,0
		874	0.16	0.0	0.0	410,0,0	4528	0.15	0.0	0.0	410,0,0
3707	ok	4528	0.19	0.0	0.0	412,0,0	874	0.16	0.0	0.0	410,0,0
		964	0.17	0.0	0.0	410,0,0	4529	0.21	0.0	0.0	410,0,0
3708	ok	4530	0.32	0.0	0.0	410,0,0	1175	0.32	0.0	0.0	410,0,0
		4468	0.32	0.0	0.0	410,0,0					
3709	ok	4529	0.29	0.0	0.0	410,0,0	964	0.15	0.0	0.0	410,0,0
		1175	0.20	0.0	0.0	410,0,0	4530	0.36	0.0	0.0	404,0,0
3710	ok	862	0.26	0.0	0.0	403,0,0	4467	0.31	0.0	0.0	409,0,0
		2578	0.30	0.0	0.0	409,0,0	4517	0.25	0.0	0.0	409,0,0
3711	ok	2578	0.20	0.0	0.0	409,0,0	4400	0.21	0.0	0.0	418,0,0
		4401	0.23	0.0	0.0	418,0,0	2998	0.20	0.0	0.0	403,0,0
3712	ok	2998	0.14	0.0	0.0	409,0,0	4401	0.15	0.0	0.0	418,0,0
		4402	0.17	0.0	0.0	418,0,0	3166	0.14	0.0	0.0	418,0,0
3713	ok	3166	0.14	0.0	0.0	410,0,0	4402	0.15	0.0	0.0	410,0,0
		4403	0.15	0.0	0.0	410,0,0	2552	0.15	0.0	0.0	410,0,0
3714	ok	2552	0.14	0.0	0.0	410,0,0	4403	0.15	0.0	0.0	410,0,0
		4404	0.15	0.0	0.0	410,0,0	874	0.15	0.0	0.0	410,0,0
3715	ok	874	0.15	0.0	0.0	410,0,0	4404	0.14	0.0	0.0	410,0,0
		4405	0.13	0.0	0.0	410,0,0	964	0.15	0.0	0.0	410,0,0
3716	ok	965	0.41	0.22	0.59	408,410,410	4530	0.41	0.22	0.59	
408,410,410											
		4468	0.41	0.22	0.59	408,410,410					
3717	ok	964	0.13	0.0	0.0	410,0,0	4405	0.14	0.0	0.0	410,0,0
		4406	0.21	0.0	0.0	410,0,0	1175	0.22	0.0	0.0	410,0,0
3718	ok	4432	0.51	0.0	0.0	409,0,0	4267	0.52	0.0	0.0	409,0,0
		4487	0.53	0.0	0.0	409,0,0	4439	0.51	0.0	0.0	409,0,0
3719	ok	4532	0.51	0.0	0.0	398,0,0	3849	0.49	0.0	0.0	398,0,0
		3851	0.42	0.0	0.0	398,0,0	4533	0.44	0.0	0.0	398,0,0
3720	ok	4533	0.45	0.0	0.0	398,0,0	3851	0.43	0.0	0.0	398,0,0
		3853	0.34	0.0	0.0	398,0,0	4534	0.38	0.0	0.0	398,0,0
3721	ok	4534	0.37	0.0	0.0	398,0,0	3853	0.36	0.0	0.0	398,0,0
		3855	0.27	0.0	0.0	398,0,0	4535	0.29	0.0	0.0	398,0,0
3722	ok	4535	0.29	0.0	0.0	398,0,0	3855	0.28	0.0	0.0	398,0,0
		3857	0.27	0.0	0.0	409,0,0	4536	0.26	0.0	0.0	409,0,0
3723	ok	4536	0.25	0.0	0.0	409,0,0	3857	0.26	0.0	0.0	409,0,0
		3859	0.28	0.0	0.0	417,0,0	4537	0.26	0.0	0.0	409,0,0

Firmato digitalmente da: Fogli Massimo
Firmato il 10/10/2024 18:24
Serial Certificato: 2f02f65
Valido dal 07/09/2023 al
Firma Qualified Electronic

3724	ok	4538	0.30	0.0	0.0	417,0,0	3861	0.38	0.0	0.0	409,0,0
		3612	0.40	0.0	0.0	416,0,0	3096	0.42	0.0	0.0	416,0,0
3725	ok	4537	0.31	0.0	0.0	416,0,0	3859	0.27	0.0	0.0	409,0,0
		3861	0.33	0.0	0.0	417,0,0	4538	0.35	0.0	0.0	416,0,0
3726	ok	4233	0.21	0.0	0.0	415,0,0	3630	0.29	0.0	0.0	412,0,0
		3807	0.42	0.0	0.0	405,0,0	4475	0.42	0.0	0.0	405,0,0
3727	ok	4475	0.53	0.0	0.0	405,0,0	3807	0.50	0.0	0.0	405,0,0
		3809	0.33	0.0	0.0	397,0,0	4476	0.36	0.0	0.0	409,0,0
3728	ok	4476	0.36	0.0	0.0	405,0,0	3809	0.35	0.0	0.0	405,0,0
		3811	0.28	0.0	0.0	405,0,0	4477	0.29	0.0	0.0	405,0,0
3729	ok	4477	0.28	0.0	0.0	405,0,0	3811	0.29	0.0	0.0	401,0,0
		3813	0.26	0.0	0.0	407,0,0	4478	0.25	0.0	0.0	407,0,0
3730	ok	4478	0.26	0.0	0.0	401,0,0	3813	0.27	0.0	0.0	401,0,0
		3815	0.27	0.0	0.0	401,0,0	4479	0.26	0.0	0.0	401,0,0
3731	ok	4479	0.31	0.0	0.0	417,0,0	3815	0.30	0.0	0.0	417,0,0
		3817	0.29	0.0	0.0	401,0,0	4480	0.31	0.0	0.0	417,0,0
3732	ok	4480	0.37	0.0	0.0	413,0,0	3817	0.36	0.0	0.0	417,0,0
		3819	0.38	0.0	0.0	389,0,0	4481	0.37	0.0	0.0	401,0,0
3733	ok	4481	0.42	0.0	0.0	417,0,0	3819	0.41	0.0	0.0	409,0,0
		3636	0.37	0.0	0.0	417,0,0	4245	0.42	0.0	0.0	417,0,0
3734	ok	4245	0.46	0.0	0.0	417,0,0	3636	0.35	0.0	0.0	411,0,0
		3821	0.36	0.0	0.0	411,0,0	4482	0.44	0.0	0.0	417,0,0
3735	ok	4482	0.48	0.0	0.0	417,0,0	3821	0.47	0.0	0.0	417,0,0
		3823	0.47	0.0	0.0	417,0,0	4483	0.48	0.0	0.0	417,0,0
3736	ok	4483	0.49	0.0	0.0	417,0,0	3823	0.49	0.0	0.0	417,0,0
		3825	0.48	0.0	0.0	417,0,0	4484	0.49	0.0	0.0	417,0,0
3737	ok	4484	0.49	0.0	0.0	417,0,0	3825	0.50	0.0	0.0	417,0,0
		3827	0.49	0.0	0.0	417,0,0	4485	0.48	0.0	0.0	417,0,0
3738	ok	4485	0.49	0.0	0.0	417,0,0	3827	0.50	0.0	0.0	417,0,0
		3829	0.50	0.0	0.0	417,0,0	4486	0.49	0.0	0.0	417,0,0
3739	ok	4486	0.49	0.0	0.0	417,0,0	3829	0.51	0.0	0.0	413,0,0
		3831	0.51	0.0	0.0	413,0,0	4508	0.49	0.0	0.0	417,0,0
3740	ok	4508	0.49	0.0	0.0	417,0,0	3831	0.52	0.0	0.0	413,0,0
		3833	0.52	0.0	0.0	413,0,0	4509	0.49	0.0	0.0	417,0,0
3741	ok	4509	0.53	0.0	0.0	417,0,0	3833	0.53	0.0	0.0	417,0,0
		3319	0.53	0.0	0.0	413,0,0	4257	0.52	0.0	0.0	417,0,0
3742	ok	4257	0.51	0.0	0.0	417,0,0	3319	0.53	0.0	0.0	413,0,0
		3835	0.53	0.0	0.0	413,0,0	4510	0.52	0.0	0.0	417,0,0
3743	ok	4510	0.49	0.0	0.0	417,0,0	3835	0.51	0.0	0.0	413,0,0
		3837	0.51	0.0	0.0	413,0,0	4511	0.48	0.0	0.0	417,0,0
3744	ok	4511	0.48	0.0	0.0	417,0,0	3837	0.49	0.0	0.0	413,0,0
		3839	0.50	0.0	0.0	413,0,0	4513	0.48	0.0	0.0	417,0,0
3745	ok	4513	0.47	0.0	0.0	415,0,0	3839	0.47	0.0	0.0	415,0,0
		3841	0.48	0.0	0.0	415,0,0	4514	0.47	0.0	0.0	415,0,0
3746	ok	4514	0.45	0.0	0.0	415,0,0	3841	0.45	0.0	0.0	415,0,0
		3843	0.45	0.0	0.0	415,0,0	4515	0.45	0.0	0.0	415,0,0
3747	ok	4515	0.42	0.0	0.0	415,0,0	3843	0.42	0.0	0.0	415,0,0
		3845	0.43	0.0	0.0	415,0,0	4516	0.43	0.0	0.0	415,0,0
3748	ok	4516	0.41	0.0	0.0	415,0,0	3845	0.40	0.0	0.0	415,0,0
		3847	0.48	0.0	0.0	398,0,0	4531	0.42	0.0	0.0	398,0,0
3749	ok	4531	0.54	0.0	0.0	398,0,0	3847	0.52	0.0	0.0	398,0,0
		3642	0.30	0.0	0.0	415,0,0	4269	0.34	0.0	0.0	415,0,0
3750	ok	4269	0.34	0.0	0.0	415,0,0	3642	0.19	0.0	0.0	415,0,0
		3849	0.56	0.0	0.0	398,0,0	4532	0.49	0.0	0.0	398,0,0
3751	ok	4364	0.23	0.0	0.0	415,0,0	4532	0.19	0.0	0.0	415,0,0
		4533	0.21	0.0	0.0	415,0,0	4373	0.24	0.0	0.0	415,0,0
3752	ok	4373	0.19	0.0	0.0	410,0,0	4533	0.20	0.0	0.0	410,0,0
		4534	0.17	0.0	0.0	415,0,0	4374	0.17	0.0	0.0	390,0,0
3753	ok	4374	0.21	0.0	0.0	406,0,0	4534	0.17	0.0	0.0	410,0,0
		4535	0.14	0.0	0.0	416,0,0	4375	0.16	0.0	0.0	416,0,0
3754	ok	4375	0.17	0.0	0.0	418,0,0	4535	0.16	0.0	0.0	406,0,0
		4536	0.16	0.0	0.0	416,0,0	4376	0.16	0.0	0.0	416,0,0
3755	ok	4376	0.16	0.0	0.0	416,0,0	4536	0.20	0.0	0.0	408,0,0
		4537	0.21	0.0	0.0	416,0,0	4377	0.17	0.0	0.0	416,0,0
3756	ok	4387	0.43	0.0	0.0	417,0,0	4358	0.44	0.0	0.0	417,0,0
		4360	0.44	0.0	0.0	417,0,0	4389	0.43	0.0	0.0	417,0,0
3757	ok	4377	0.15	0.0	0.0	416,0,0	4537	0.29	0.0	0.0	416,0,0
		4538	0.36	0.0	0.0	416,0,0	4379	0.21	0.0	0.0	416,0,0

Firmato digitalmente da: Fogliati Massimo
Firmato il 10/10/2024 18:24
Serial Certificato: 2f02f65
Valido dal 07/09/2023 al
Qualified Electronic

3758	ok	4544	0.47	0.0	0.0	417,0,0	2064	0.47	0.0	0.0	417,0,0
		2513	0.47	0.0	0.0	417,0,0	4545	0.47	0.0	0.0	417,0,0
3759	ok	4549	0.22	0.0	0.0	405,0,0	4475	0.23	0.0	0.0	403,0,0
		4476	0.26	0.0	0.0	409,0,0	4550	0.25	0.0	0.0	405,0,0
3760	ok	4550	0.25	0.0	0.0	405,0,0	4476	0.24	0.0	0.0	405,0,0
		4477	0.23	0.0	0.0	407,0,0	4551	0.22	0.0	0.0	405,0,0
3761	ok	4551	0.20	0.0	0.0	411,0,0	4477	0.22	0.0	0.0	411,0,0
		4478	0.21	0.0	0.0	415,0,0	4559	0.20	0.0	0.0	403,0,0
3762	ok	4559	0.20	0.0	0.0	417,0,0	4478	0.22	0.0	0.0	411,0,0
		4479	0.22	0.0	0.0	411,0,0	2839	0.20	0.0	0.0	417,0,0
3763	ok	2839	0.27	0.0	0.0	417,0,0	4479	0.27	0.0	0.0	417,0,0
		4480	0.27	0.0	0.0	417,0,0	2329	0.27	0.0	0.0	417,0,0
3764	ok	2329	0.35	0.0	0.0	413,0,0	4480	0.32	0.0	0.0	417,0,0
		4481	0.32	0.0	0.0	417,0,0	2591	0.34	0.0	0.0	417,0,0
3765	ok	4381	0.50	0.0	0.0	417,0,0	926	0.47	0.0	0.0	417,0,0
		4354	0.47	0.0	0.0	417,0,0	4383	0.50	0.0	0.0	417,0,0
3766	ok	4383	0.48	0.0	0.0	417,0,0	4354	0.45	0.0	0.0	417,0,0
		4358	0.45	0.0	0.0	417,0,0	4387	0.48	0.0	0.0	417,0,0
3767	ok	1199	0.47	0.0	0.0	417,0,0	4482	0.46	0.0	0.0	417,0,0
		4483	0.46	0.0	0.0	417,0,0	2064	0.48	0.0	0.0	417,0,0
3768	ok	2064	0.47	0.0	0.0	417,0,0	4483	0.47	0.0	0.0	417,0,0
		4484	0.47	0.0	0.0	417,0,0	2513	0.47	0.0	0.0	417,0,0
3769	ok	2513	0.47	0.0	0.0	417,0,0	4484	0.48	0.0	0.0	417,0,0
		4485	0.48	0.0	0.0	417,0,0	2604	0.47	0.0	0.0	417,0,0
3770	ok	2604	0.47	0.0	0.0	417,0,0	4485	0.48	0.0	0.0	417,0,0
		4486	0.48	0.0	0.0	417,0,0	859	0.47	0.0	0.0	417,0,0
3771	ok	859	0.48	0.0	0.0	417,0,0	4486	0.49	0.0	0.0	417,0,0
		4508	0.49	0.0	0.0	417,0,0	860	0.48	0.0	0.0	417,0,0
3772	ok	860	0.52	0.0	0.0	417,0,0	4508	0.49	0.0	0.0	417,0,0
		4509	0.49	0.0	0.0	417,0,0	887	0.52	0.0	0.0	417,0,0
3773	ok	4547	0.49	0.0	0.0	417,0,0	859	0.47	0.0	0.0	417,0,0
		860	0.47	0.0	0.0	417,0,0	4548	0.49	0.0	0.0	417,0,0
3774	ok	4548	0.52	0.0	0.0	417,0,0	860	0.48	0.0	0.0	417,0,0
		887	0.48	0.0	0.0	417,0,0	4356	0.51	0.0	0.0	417,0,0
3775	ok	926	0.50	0.0	0.0	417,0,0	4510	0.48	0.0	0.0	417,0,0
		4511	0.48	0.0	0.0	417,0,0	4354	0.50	0.0	0.0	417,0,0
3776	ok	4354	0.48	0.0	0.0	417,0,0	4511	0.47	0.0	0.0	417,0,0
		4513	0.47	0.0	0.0	417,0,0	4358	0.45	0.0	0.0	417,0,0
3777	ok	4358	0.44	0.0	0.0	417,0,0	4513	0.45	0.0	0.0	417,0,0
		4514	0.45	0.0	0.0	415,0,0	4360	0.44	0.0	0.0	417,0,0
3778	ok	4360	0.42	0.0	0.0	415,0,0	4514	0.42	0.0	0.0	415,0,0
		4515	0.42	0.0	0.0	415,0,0	4361	0.42	0.0	0.0	415,0,0
3779	ok	4361	0.39	0.0	0.0	415,0,0	4515	0.38	0.0	0.0	415,0,0
		4516	0.39	0.0	0.0	415,0,0	4362	0.40	0.0	0.0	415,0,0
3780	ok	4362	0.41	0.0	0.0	415,0,0	4516	0.39	0.0	0.0	415,0,0
		4531	0.40	0.0	0.0	415,0,0	4363	0.41	0.0	0.0	415,0,0
3781	ok	4545	0.47	0.0	0.0	417,0,0	2513	0.47	0.0	0.0	417,0,0
		2604	0.47	0.0	0.0	417,0,0	4546	0.47	0.0	0.0	417,0,0
3782	ok	4546	0.47	0.0	0.0	417,0,0	2604	0.47	0.0	0.0	417,0,0
		859	0.47	0.0	0.0	417,0,0	4547	0.47	0.0	0.0	417,0,0
3783	ok	4408	0.21	0.0	0.0	415,0,0	4364	0.21	0.0	0.0	415,0,0
		4373	0.21	0.0	0.0	415,0,0	4409	0.23	0.0	0.0	410,0,0
3784	ok	4409	0.15	0.0	0.0	408,0,0	4373	0.15	0.0	0.0	415,0,0
		4374	0.15	0.0	0.0	408,0,0	4417	0.17	0.0	0.0	404,0,0
3785	ok	4417	0.15	0.0	0.0	416,0,0	4374	0.14	0.0	0.0	416,0,0
		4375	0.15	0.0	0.0	416,0,0	4418	0.16	0.0	0.0	416,0,0
3786	ok	4418	0.15	0.0	0.0	416,0,0	4375	0.15	0.0	0.0	416,0,0
		4376	0.15	0.0	0.0	416,0,0	4419	0.15	0.0	0.0	416,0,0
3787	ok	4419	0.14	0.0	0.0	416,0,0	4376	0.15	0.0	0.0	416,0,0
		4377	0.15	0.0	0.0	416,0,0	4421	0.14	0.0	0.0	416,0,0
3788	ok	4389	0.42	0.0	0.0	413,0,0	4360	0.42	0.0	0.0	417,0,0
		4361	0.42	0.0	0.0	417,0,0	4398	0.42	0.0	0.0	413,0,0
3789	ok	4421	0.14	0.0	0.0	416,0,0	4377	0.14	0.0	0.0	416,0,0
		4379	0.22	0.0	0.0	416,0,0	4423	0.21	0.0	0.0	416,0,0
3790	ok	4467	0.27	0.0	0.0	409,0,0	2475	0.34	0.0	0.0	416,0,0
		4400	0.35	0.0	0.0	416,0,0	2578	0.26	0.0	0.0	409,0,0
3791	ok	4473	0.25	0.0	0.0	415,0,0	4549	0.21	0.0	0.0	415,0,0
		4550	0.22	0.0	0.0	415,0,0	4474	0.27	0.0	0.0	415,0,0

Firmato digitalmente da: Fogliati Massimo
Firmato il 10/10/2024 18:24
Serial Certificato: 2902265
Valido dal 06/09/2023 al 06/09/2026
Qualified Electronic Signature

3792	ok	4474	0.18	0.0	0.0	403,0,0	4550	0.19	0.0	0.0	403,0,0
		4551	0.19	0.0	0.0	409,0,0	4512	0.18	0.0	0.0	403,0,0
3793	ok	4512	0.16	0.0	0.0	417,0,0	4551	0.18	0.0	0.0	417,0,0
		4559	0.19	0.0	0.0	411,0,0	4539	0.16	0.0	0.0	417,0,0
3794	ok	4539	0.17	0.0	0.0	417,0,0	4559	0.20	0.0	0.0	417,0,0
		2839	0.20	0.0	0.0	417,0,0	4540	0.17	0.0	0.0	417,0,0
3795	ok	4540	0.25	0.0	0.0	417,0,0	2839	0.26	0.0	0.0	417,0,0
		2329	0.26	0.0	0.0	417,0,0	4541	0.25	0.0	0.0	417,0,0
3796	ok	4541	0.35	0.0	0.0	417,0,0	2329	0.34	0.0	0.0	417,0,0
		2591	0.33	0.0	0.0	417,0,0	4542	0.34	0.0	0.0	417,0,0
3797	ok	4206	0.23	0.0	0.0	403,0,0	4438	0.25	0.0	0.0	417,0,0
		4498	0.26	0.0	0.0	411,0,0	939	0.24	0.0	0.0	411,0,0
3798	ok	4438	0.29	0.0	0.0	411,0,0	4200	0.25	0.0	0.0	413,0,0
		4440	0.36	0.0	0.0	411,0,0	4498	0.39	0.0	0.0	403,0,0
3799	ok	4453	0.42	0.0	0.0	415,0,0	4233	0.28	0.0	0.0	415,0,0
		4475	0.25	0.0	0.0	415,0,0	4549	0.38	0.0	0.0	415,0,0
3800	ok	4407	0.40	0.0	0.0	398,0,0	4363	0.37	0.0	0.0	415,0,0
		4435	0.38	0.0	0.0	415,0,0	4273	0.39	0.0	0.0	415,0,0

Guscio	V N/M	V V/T cls	V V/T acc	V N/M	V V/T cls	V V/T acc
	0.60	0.27	0.78			

Firmato digitalmente da:
Facchini Massimo
Firmato il 14/03/2024 18:24
Seriale Certificato: 2702585
Valido dal 01/09/2023 al 01/09/2026
InfoCamere Qualified Electronic Signature CA