

AREA DI RILEVANTE INTERESSE NAZIONALE DI BAGNOLI - COROGLIO (NA)

D.P.C.M. 15.10.2015

Interventi per la bonifica ambientale e rigenerazione urbana dell'area di Bagnoli - Coroglio

Infrastrutture, reti idriche, trasportistiche ed energetiche dell'area del
Sito di Interesse Nazionale di Bagnoli - Coroglio



Presidenza del Consiglio dei Ministri
IL COMMISSARIO STRAORDINARIO DEL GOVERNO
PER LA BONIFICA AMBIENTALE E RIGENERAZIONE URBANA
DELL'AREA DI RILEVANTE INTERESSE NAZIONALE
BAGNOLI - COROGLIO



STAZIONE APPALTANTE

INVITALIA S.p.a.: Soggetto Attuatore, in ottemperanza all'art. 33 del D.L. n. 133/2014, convertito con legge n. 164/2014, e del D.P.C.M. 15 ottobre 2015, ai fini della predisposizione ed esecuzione del Programma di Risanamento Ambientale e la Rigenerazione Urbana per il Sito di Rilevante Interesse Nazionale di Bagnoli-Coroglio

RESPONSABILE UNICO DEL PROCEDIMENTO: Ing. Daniele BENOTTI

PROGETTO DI FATTIBILITA' TECNICA ED ECONOMICA

PROGETTAZIONE GEOTECNICA, STRUTTURALE e STRADALE
Ing. Letterio SONNESSA

RELAZIONE GEOLOGICA
Dott. Geol. Vincenzo GUIDO

GRUPPO DI LAVORO INTERNO

Collaboratori:
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Ing. Claudio DONNALOIA

PROGETTAZIONE DELLA SICUREZZA
Ing. Michele PIZZA

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MANDATARIA



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PROGETTAZIONE OPERE STRUTTURALI
Ing. Giovanni PIAZZA

COORDINAMENTO SICUREZZA IN FASE DI PROGETTAZIONE
ai sensi D.Lgs. 81/08
Ing. Massimo FONTANA

MANDANTI



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Ing. Paolo VIPARELLI

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Geol. Maurizio LANZINI

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Arch. Luca DI BIANCO



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PROGETTAZIONE OPERE DI VIABILITA' ORDINARIA
Ing. Giuseppe RUBINO

PROGETTAZIONE ARENA SANT'ANTONIO-HUB DI COROGLIO
Ing. Giuseppe VACCA

RELAZIONE ACUSTICA
Ing. Tiziano BARUZZO

GIOVANE PROFESSIONISTA
Ing. Veronica NASUTI
Ing. Andrea ESPOSITO
Ing. Raffaele VASSALLO
Ing. Serena ONERO



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Via Frassina, 21
54033 Carrara (MS)

PROGETTAZIONE OPERE IDRAULICHE A RETE
Ing. Giulio VIPARELLI

PROGETTAZIONE OPERE A MARE E IMPIANTO TAF 3
Ing. Roberto CHIEFFI



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80138 Napoli (NA)



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80122 Napoli (NA)

Ing. Giuseppe Rubino

INVITALIA

Agenzia nazionale per l'attrazione degli investimenti e lo sviluppo d'impresa SpA

Funzione Servizi di Ingegneria

Direzione Area Tecnica
Opere civili:
Arch. Giulia LEONI

PROGETTO DEFINITIVO

Elaborato			DATA	NOME	FIRMA
INFRASTRUTTURE IDRICHE HUB IDRICO - NUOVO IMPIANTO TAF 3 Lista I/O			REDATTO	MAGGIO 2023	GP
			VERIFICATO	MAGGIO 2023	TD
			APPROVATO	MAGGIO 2023	RC
			DATA	MAGGIO 2023	CODICE ELABORATO
REVISIONE	DATA	AGGIORNAMENTI	SCALA	SK.05.03.13.06	
0	MAGGIO 2023	Emissione	CODICE FILE		
			2021INV-D-IE-SK.05.03.13.06.xls		

**INFRASTRUTTURE IDRICHE
HUB IDRICO - NUOVO IMPIANTO TAF 3**

LISTA I/O

ZONA NUOVA TAF 3	DI = 222	DO = 68	AI = 43	AO = 0

TOTALE PUNTI IMPIANTO

TOT.	DI = 222	DO = 68	AI = 43	AO = 0
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**LA RISERVA NON È INCLUSA :
PREVEDERE 25% DI PUNTI DI RISERVA**

DOCUMENTO N. :			REV.
2021INV-D-IE-SK.05.03.13.06			00

POS	DESCRIZIONE ITEM	DESCRIZIONE SERVIZIO	SORGENTE	TIPO DI SEGNALE	STATO SEGNALE	FUNZIONI SCADA			RACK	SLOT	CANALE	NOTE - OSSERVAZIONI	REV
						I	R	A					
001	QG-TAF INTERRUTTORE GENERALE	CIRCUIT BREAKER STATUS	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - CB CLOSED, OPENED - CB OPENED	00
002		CIRCUIT BREAKER FAULT	QG-TAF-xx	DI	NO								CONTACT IS CLOSED - CB FAULT, OPENED - CB NOT FAULT
003	VM104 VALVOLA FARFALLA MOTORIZZATA	VALVE FOR FLOW CONTROL/SECTIONING	QG-TAF-xx	AI	4-20 mA							FULL SCALE = XX	00
004		MOTOR FAULT	QG-TAF-xx	DI	NC								CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED
005	MP102 MISURATORE DI PORTATA	FLOW RATE	CAMPO	AI	4-20 mA							FULL SCALE = XX M	00
006	MP101a MISURATORE DI PORTATA ELETTROMAGNETICO	FLOW RATE	CAMPO	AI	4-20 mA							FULL SCALE = XX M	001
007	MP101b MISURATORE DI PORTATA ELETTROMAGNETICO	FLOW RATE	CAMPO	AI	4-20 mA							FULL SCALE = XX M	002
008	MP101c MISURATORE DI PORTATA ELETTROMAGNETICO	FLOW RATE	CAMPO	AI	4-20 mA							FULL SCALE = XX M	003
009	VM101a VALVOLA FARFALLA MOTORIZZATA	VALVE FOR FLOW CONTROL/SECTIONING	QG-TAF-xx	AI	4-20 mA							FULL SCALE = XX	00
010		MOTOR FAULT	QG-TAF-xx	DI	NC								CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED
011	VM101b VALVOLA FARFALLA MOTORIZZATA	VALVE FOR FLOW CONTROL/SECTIONING	QG-TAF-xx	AI	4-20 mA							FULL SCALE = XX	00
012		MOTOR FAULT	QG-TAF-xx	DI	NC								CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED
013	VM101c VALVOLA FARFALLA MOTORIZZATA	VALVE FOR FLOW CONTROL/SECTIONING	QG-TAF-xx	AI	4-20 mA							FULL SCALE = XX	00
014		MOTOR FAULT	QG-TAF-xx	DI	NC								CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED
015	CR101a COMPRESSORE VOLUMENTRICO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
016		PANEL FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
017		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
018		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
019	CR101b COMPRESSORE VOLUMENTRICO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
020		PANEL FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
021		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
022		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
023	CR101c COMPRESSORE VOLUMENTRICO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
024		PANEL FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
025		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
026		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
027	MR101a MIXER RAPIDO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
028		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
029		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
030		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
031	MR101b MIXER RAPIDO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
032		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
033		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
034		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
035	MR101c MIXER RAPIDO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
036		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
037		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
038		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
DOCUMENT No.:												REV.	
									DI =	24	00		
									DO =	6			
									AI =	8			

POS	DESCRIZIONE ITEM	DESCRIZIONE SERVIZIO	SORGENTE	TIPO DI SEGNALE	STATO SEGNALE	FUNZIONI SCADA			RACK	SLOT	CANALE	NOTE - OSSERVAZIONI	REV
						I	R	A					
039	PH101a MISURATORE pH	pH LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX pH	00
040	PH101b MISURATORE pH	pH LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX pH	001
041	PH101c MISURATORE pH	pH LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX pH	002
042	ML101a MIXER LENTO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
043		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
044		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
045		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
046	ML101b MIXER LENTO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
047		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
048		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
049		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
050	ML101c MIXER LENTO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
051		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
052		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
053		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
054	PH102a MISURATORE pH	pH LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX pH	00
055	PH102b MISURATORE pH	pH LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX pH	001
056	PH102c MISURATORE pH	pH LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX pH	002
057	MR102a MIXER RAPIDO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
058		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
059		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
060		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
061	MR102b MIXER RAPIDO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
062		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
063		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
064		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
065	MR102c MIXER RAPIDO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
066		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
067		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
068		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
069	PH103a MISURATORE pH	pH LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX pH	00
070	PH103b MISURATORE pH	pH LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX pH	001
071	PH103c MISURATORE pH	pH LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX pH	002

DOCUMENT No.:

REV.

DI = 18
DO = 6
AI = 9

00

POS	DESCRIZIONE ITEM	DESCRIZIONE SERVIZIO	SORGENTE	TIPO DI SEGNALE	STATO SEGNALE	FUNZIONI SCADA			RACK	SLOT	CANALE	NOTE - OSSERVAZIONI	REV
						I	R	A					
072	ML102a MIXER LENTO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
073		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
074		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
075		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
076	ML102b MIXER LENTO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
077		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
078		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
079		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
080	ML102c MIXER LENTO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
081		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
082		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
083		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
084	PH104a MISURATORE pH	pH LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX pH	00
085	PH104b MISURATORE pH	pH LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX pH	001
086	PH104c MISURATORE pH	pH LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX pH	002
087	EP101a ELETTROPOMPA SOMMERSA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
088		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
089		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
090		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
091	EP101b ELETTROPOMPA SOMMERSA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
092		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
093		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
094		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
095	EP101c ELETTROPOMPA SOMMERSA	PLC START/STOP PROCESS	QG-SOLL-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
096		MOTOR FAULT	QG-SOLL-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
097		AUTOMATIC/MANUAL	QG-SOLL-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
098		RUNNING/STOPPED	QG-SOLL-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
099	EP102a ELETTROPOMPA SOMMERSA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
100		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
101		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
102		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
103	EP102b ELETTROPOMPA SOMMERSA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
104		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
105		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
106		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
107	EP102c ELETTROPOMPA SOMMERSA	PLC START/STOP PROCESS	QG-SOLL-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
108		MOTOR FAULT	QG-SOLL-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
109		AUTOMATIC/MANUAL	QG-SOLL-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
110		RUNNING/STOPPED	QG-SOLL-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00

DOCUMENT No.:

REV.

DI = 27
DO = 9
AI = 3

00

POS	DESCRIZIONE ITEM	DESCRIZIONE SERVIZIO	SORGENTE	TIPO DI SEGNALE	STATO SEGNALE	FUNZIONI SCADA			RACK	SLOT	CANALE	NOTE - OSSERVAZIONI	REV
						I	R	A					
111	SL101a MISURATORE DI LIVELLO AD ULTRASUONI	WATER LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX M	00
112	SL101b MISURATORE DI LIVELLO AD ULTRASUONI	WATER LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX M	00
113	SL101c MISURATORE DI LIVELLO AD ULTRASUONI	WATER LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX M	00
114	VM102a VALVOLA FARFALLA MOTORIZZATA	VALVE FOR FLOW CONTROL/SECTIONING	QG-TAF-xx	AI	4-20 mA							FULL SCALE = XX	00
115		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
116	VM102b VALVOLA FARFALLA MOTORIZZATA	VALVE FOR FLOW CONTROL/SECTIONING	QG-TAF-xx	AI	4-20 mA							FULL SCALE = XX	00
117		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
118	VM102c VALVOLA FARFALLA MOTORIZZATA	VALVE FOR FLOW CONTROL/SECTIONING	QG-TAF-xx	AI	4-20 mA							FULL SCALE = XX	00
119		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
120	VM110 VALVOLA FARFALLA MOTORIZZATA	VALVE FOR FLOW CONTROL/SECTIONING	QG-TAF-xx	AI	4-20 mA							FULL SCALE = XX	00
121		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
122	VM103a VALVOLA FARFALLA MOTORIZZATA	VALVE FOR FLOW CONTROL/SECTIONING	QG-TAF-xx	AI	4-20 mA							FULL SCALE = XX	00
123		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
124	VM103b VALVOLA FARFALLA MOTORIZZATA	VALVE FOR FLOW CONTROL/SECTIONING	QG-TAF-xx	AI	4-20 mA							FULL SCALE = XX	00
125		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
126	VM103c VALVOLA FARFALLA MOTORIZZATA	VALVE FOR FLOW CONTROL/SECTIONING	QG-TAF-xx	AI	4-20 mA							FULL SCALE = XX	00
127		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
128	SO101a SKID OSMOSI INVERSA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
129		PANEL FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
130		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
131		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
132	SO101b SKID OSMOSI INVERSA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
133		PANEL FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
134		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
135		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
136	SO101c SKID OSMOSI INVERSA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
137		PANEL FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
138		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
139		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
140	EP103 ELETTROPOMPA SOMMERSA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
141		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
142		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
143		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
144	EP104 ELETTROPOMPA SOMMERSA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
145		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
146		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
147		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
148	EP105 ELETTROPOMPA SOMMERSA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
149		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
150		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
151		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
152	SL102 MISURATORE DI LIVELLO AD ULTRASUONI	WATER LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX M	00

DOCUMENT No.:

REV.

DI = 25
DO = 6
AI = 11

00

POS	DESCRIZIONE ITEM	DESCRIZIONE SERVIZIO	SORGENTE	TIPO DI SEGNALE	STATO SEGNALE	FUNZIONI SCADA			RACK	SLOT	CANALE	NOTE - OSSERVAZIONI	REV
						I	R	A					
153	VM106 VALVOLA FARFALLA	VALVE FOR FLOW CONTROL/SECTIONING	QG-TAF-xx	AI	4-20 mA							FULL SCALE = XX	00
154	MOTORIZZATA	MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
155	VM107 VALVOLA FARFALLA	VALVE FOR FLOW CONTROL/SECTIONING	QG-TAF-xx	AI	4-20 mA							FULL SCALE = XX	00
156	MOTORIZZATA	MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
157	VM105 VALVOLA FARFALLA	VALVE FOR FLOW CONTROL/SECTIONING	QG-TAF-xx	AI	4-20 mA							FULL SCALE = XX	00
158	MOTORIZZATA	MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
159	EP106 ELETTROPOMPA SOMMERSA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
160		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
161		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
162		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
163	EP107 ELETTROPOMPA SOMMERSA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
164		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
165		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
166		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
167	SL103 MISURATORE DI LIVELLO AD ULTRASUONI	WATER LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX M	00
168	VM108 VALVOLA FARFALLA	VALVE FOR FLOW CONTROL/SECTIONING	QG-TAF-xx	AI	4-20 mA							FULL SCALE = XX	00
169	MOTORIZZATA	MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
170	SL104 MISURATORE DI LIVELLO AD ULTRASUONI	WATER LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX M	00
171	VM109 VALVOLA FARFALLA	VALVE FOR FLOW CONTROL/SECTIONING	QG-TAF-xx	AI	4-20 mA							FULL SCALE = XX	00
172	MOTORIZZATA	MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
173	EP108 ELETTROPOMPA SOMMERSA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
174		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
175		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
176		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
177	EP109 ELETTROPOMPA SOMMERSA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
178		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
179		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
180		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
181	EP110 ELETTROPOMPA SOMMERSA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
182		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
183		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
184		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
185	SL105 MISURATORE DI LIVELLO AD ULTRASUONI	WATER LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX M	00

DOCUMENT No.:

REV.

DI = 20
DO = 5
AI = 8

00

POS	DESCRIZIONE ITEM	DESCRIZIONE SERVIZIO	SORGENTE	TIPO DI SEGNALE	STATO SEGNALE	FUNZIONI SCADA			RACK	SLOT	CANALE	NOTE - OSSERVAZIONI	REV
						I	R	A					
186	PM101a POMPA MONOVITE	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
187		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
188		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
189		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
190	PM101b POMPA MONOVITE	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
191		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
192		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
193		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
194	PM101c POMPA MONOVITE	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
195		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
196		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
197		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
198	PM102a POMPA MONOVITE	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
199		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
200		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
201		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
202	PM102b POMPA MONOVITE	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
203		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
204		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
205		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
206	PM102c POMPA MONOVITE	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
207		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
208		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
209		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
210	SL106 MISURATORE DI LIVELLO RADAR FANGHI	SLUDGE LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX M	00
211	PP101 POMPA PISTONE MEMBRANA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
212		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
213		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
214		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
215	PP102 POMPA PISTONE MEMBRANA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
216		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
217		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
218		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
219	FP101 FILTRAPRESSA A PIASTRE	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
220		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
221		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
222		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00

DOCUMENT No.:

DI =	27
DO =	9
AI =	1

REV.

00

POS	DESCRIZIONE ITEM	DESCRIZIONE SERVIZIO	SORGENTE	TIPO DI SEGNALE	STATO SEGNALE	FUNZIONI SCADA			RACK	SLOT	CANALE	NOTE - OSSERVAZIONI	REV
						I	R	A					
223	GPP101a STAZIONE PREPARAZIONE PERMANGANATO DI SODIO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
224		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
225		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
226		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
227	GPP101b STAZIONE PREPARAZIONE PERMANGANATO DI SODIO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
228		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
229		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
230		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
231	GPP101c STAZIONE PREPARAZIONE PERMANGANATO DI SODIO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
232		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
233		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
234		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
235	PDP101a POMPA DOSATRICE PERMANGANATO DI SODIO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
236		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
237		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
238		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
239	PDP101b POMPA DOSATRICE PERMANGANATO DI SODIO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
240		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
241		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
242		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
243	PDP101c POMPA DOSATRICE PERMANGANATO DI SODIO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
244		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
245		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
246		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
247	SL107 MISURATORE DI LIVELLO RADAR REATTIVI	REACTIVES LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX M	00
248	PDA101a POMPA DOSATRICE ACIDO CLORIDRICO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
249		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
250		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
251		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
252	PDA101b POMPA DOSATRICE ACIDO CLORIDRICO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
253		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
254		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
255		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
256	PDA101c POMPA DOSATRICE ACIDO CLORIDRICO	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
257		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
258		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
259		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
260	SL108 MISURATORE DI LIVELLO RADAR REATTIVI	REACTIVES LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX M	00
261	PDS101a POMPA DOSATRICE SODA CAUSTICA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
262		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
263		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
264		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
265	PDS101b POMPA DOSATRICE SODA CAUSTICA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
266		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
267		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
268		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
269	PDS101c POMPA DOSATRICE SODA CAUSTICA	PLC START/STOP PROCESS	QG-TAF-xx	DO	NO							CONTACT IS CLOSED - START PROCESS, OPENED - STOP PROCESS	00
270		MOTOR FAULT	QG-TAF-xx	DI	NC							CONTACT IS CLOSED - HEALTHY, OPENED - TRIPPED	00
271		AUTOMATIC/MANUAL	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - AUTOMATIC, OPENED - MANUAL	00
272		RUNNING/STOPPED	QG-TAF-xx	DI	NO							CONTACT IS CLOSED - RUNNING, OPENED - STOPPED	00
273	SL109 MISURATORE DI LIVELLO RADAR REATTIVI	REACTIVES LEVEL	CAMPO	AI	4-20 mA							FULL SCALE = XX M	00

DOCUMENT No.:

DI = 36
DO = 12
AI = 3

REV.

00

