
ENI - VERSALIS BRINDISI

STUDIO TORCIA A TERRA PER IMPIANTI P1CR

INGEGNERIA DI BASE

SOMMARIO CARICHI ELETTRICI

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CARICHI ELETTRICI**

PROGETTO: 070327C001

**DESCRIZIONE: STUDIO TORCIA A TERRA PER IMPIANO
P1CR**

Prog. Unità	Tipo Doc.	Codice	serie n.	Rev.	Pag.
070327C001	91	NM	1601	01	A

SYMBOLS TO BE USED IN PREPARING THE ELECTRICAL CONSUMER LIST

1.	AN	*** STAND FOR "HOLD"	12.		REACCELERATION
				N	NOT REQUIRED
4.		TYPE		Y	REQUIRED
	HG	HORIZONTAL CENTRIFUGAL PUMP			
	VG	VERTICAL CENTRIFUGAL PUMP	14.		CONTROL
	IG	IN LINE PUMP		M	MANUAL
	RG	ROTARY PUMP		A	AUTOMATIC OR REMOTE
	PG	POWER RECIPROCATING PUMP			
	SG	PROPORTIONING PUMP	16.		DESIGN
	CK	CENTRIFUGAL COMPRESSOR			POWER REQUIRED BY DRIVEN MACHINE UNDER DESIGN CONDITIONS
	RK	RECIPROCATING COMPRESSOR			
	SK	ROTARY COMPRESSOR			
	FA	FAN	17.		NORMAL
	MX	MIXER			POWER REQUIRED BY DRIVEN MACHINE UNDER NORMAL OPERATING CONDITIONS
	CE	CENTRIFUGE			
	VM	VARIOUS MACHINERY	18.		PARTICULAR
5.		COUPLING			POWER REQUIRED BY DRIVEN MACHINE UNDER PARTICULAR OPERATING CONDITIONS (ONLY IN CASE OF POWER HIGHER THAN INDICATED IN 17.)
	CC	CLOSE COUPLED (for IL pump)			
	DR	DIRECT-FLANGED ROTOR			
	DF	DIRECT-FLEXIBLE COUPLING			
	GF	GEAR-FLEXIBLE COUPLING	19.		MINIMUM REQUIRED
	GL	GEAR-COUPLING WITH LIMITED END FLOAT			MINIMUM ALLOWED MOTOR POWER
	SV	SPEED VARIATOR-FLEXIBLE COUPLING			
	VB	V-BELT TRANSMISSION	23.		ROTATION DIRECTION COUPLING
6.		STATUS			CW CLOCKWISE LOOKING AT MOTOR
		INDICATES THE PHASE OF DEFINITION OF DATA RELATIVE TO MACHINE:			CCW COUNTER-CLOCKWISE LOOKING AT MOTOR COUPLING
	E	ESTIMATE			
	I	BASED ON BIDS	24.		EQUIPMENT TYPE
	P	PURCHASED		MA	ASYNCHRONOUS EL. MOTOR
	F	FINAL		MS	SYNCHRONOUSE EL. MOTOR
7.		INDICATES IF THE MOTOR IS SUPPLIED WITH THE MACHINE OR NOT		MC	DIRECT CURR. EL. MOTOR
	E	EXCLUDED FROM MACHINE SUPPLY		CV	VARIOUS LOAD
	I	INCLUDED IN MACHINE SUPPLY		CB	CAPACITORS
	O	EXISTING MOTOR OR SUPPLIED BY CLIENT	25.		EXECUTION
10.		DUTY		EX-D	EXPLOSION PROOF
	N	CONTINUOUS NORMAL SERVICE		EX-P	PRESSURIZED
	S	SPARE		EX-E	INCREASED SAFETY
	I	INTERMITTENT		TEFC	TOTALLY ENCLOSED FAN COOLED
	W	WAREHOUSE		IVI	INTERNAL VENTILATION (INDOOR)
	M	MAINTENANCE		IVWP	INTERNAL VENTILATION (OUTDOOR)
11.		CLASS		NS	NON SPARKING
	N	NORMAL SERVICE- PROLONGED POWER FAILURES ARE TOLERATED, WITHOUT CAUSING PLANT SHUT.DOWN	26.	EX-N	N" SAFETY
	C	CRITICAL SERVICE - SHORT POWER FAILURE ARE TOLERATED, PROLONGED POWER FAILURE CAUSE PLANT SHUT-DOWN	27.		RESTARTING INSTANT (s)
	E	EMERGENCY SERVICE - SHORT INTERRUPTION OF SERVICE ARE TOLERATED. A SECOND EMERGENCY POWER SOURCE IS REQUIRED (ELECTRICAL OR OTHER) IN ORDER TO ENSURE A CONTINUOUS SERVICE FOR THE SAFETY OF THE PLANT AND THE PERSONNEL	28.		INSTANT TO RESTARTING IF REACCELERATION IS APPLIED
	V	VITAL LOAD, AS ABOVE BUT POWER SUPPLY INTERRUPTIONS ARE NOT ALLOWED	29.		PACKAGE
	PG	SEPARATE POWER GENERATION IS REQUIRED THE SAFETY PLANT SHUT DOWN			PACKAGE AREA ASSIGNMENT LOADS



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70327001 91	NM	1601	01	A	3 of 3

1	2	3	DRIVEN MACHINE OR VARIOUS LOAD														DRIVER OR ELECTRICAL EQUIPMENT															
			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
ISSUE	ITEM OF DRIVER OR ELECTRICAL EQUIPMENT	SERVICE	TYPE	COUPLING	STATUS	DRIVER	CONSTRUCTION ARRANGEMENT	ON LOAD SPEED (RPM)	DUTY	CLASS	REACCELERATION	MAX TIME REAC. (s)	CONTROL	UNIT OF MEASURE FOR: 16, 17, 18, 19, 20	DESIGN	NORMAL	PARTICULAR	MINIMUM REQUIRED	NAME PLATE	SUPPLY VOLTAGE (kV)	POLES	ROTATION DIRECTION	EQUIPMENT TYPE	EXECUTION	STATUS	RESTARTING INSTANT (s)	PACKAGE	SUBSTATION	NOTES			
A	91-PM-9101	POMPA RECUPRO CONDENSATI	VG		E				I	C			A	KW		4,1			4,1	5,5	0,40			MA						TBD		
A	RV101E - PNL	IGNITION PANEL	VM		E				N	V			M	KW		2,0			2,0	2,0	0,23			CV						TBD		
A	RV101E - AWL	AERIAL WARNING LIGHT	VM		E				N	V			M	KW		0,3			0,3	0,3	0,23			CV						TBD		
A	RV101E - LTG	AREA LIGHTING	VM		E				N	N			M	KW		1,5			1,5	1,5	0,40			CV						TBD		
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