

ambito amministrativo:

REGIONE BASILICATA
 PROVINCIA DI POTENZA
 COMUNE DI MELFI

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PROGETTO DI MODIFICA DELLA
 CENTRALE TERMOELETRICA
 Ex BG I.P. DI MELFI

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Progettazione Ambientale
 ISO 14001:2015

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ENGINE HALL (This list applies to Engine hall plan and Engine hall section layouts.)

Item No.	Pcs.	Code	Description	Volume [m³]	Weight [kg] (Operative)	Mounting level (Floor level)
1	5	SQA	Engine generator set W18V50SG		~388200	+0.000
5	5	-	Engine generator set W18V50SG		12105	+0.000
203	4	TSB	Engine generator set W18V50SG	4,8	2023	+0.000
268	1	-	Engine generator set W18V50SG	10	-	-
300	10	NGA	Engine generator set W18V50SG		2510	+2.590
350	5	NHA	Engine generator set W18V50SG		10240	+4.570
355	5	NHA	Engine generator set W18V50SG		200	+3.550
653	5	BAN	Engine generator set W18V50SG			+0.000
668	5	CFE	Engine generator set W18V50SG			+0.000
701	5	EAA	Engine generator set W18V50SG		2100	+1.380
702	10	EAA	Engine generator set W18V50SG		2600	-0.200

ELECTRICAL EQUIPMENT BUILDING & COMPRESSOR HOUSE

Item No.	Pcs.	Code	Description	Volume [m³]	Weight [kg] Incl. liquids	Mounting level (Floor level)
200	1	TCA	Instrument and working air unit			+2.000
202	2	TSA	Starting air unit			+2.000
652	2	BAC	MV Switchgear			+2.000
655	1	BEY	DC-system			+2.000
656	1	BFA	LV Switchgear			+2.000
659	2	BFB	Station transformer			-
661	1	BLI	Lighting panel			+2.000
664	1	BLN	Fire detection panel			+2.000
666	1	CFA	Control panel, common			+2.000
667	5	CFC	Control panel, engine wise			+2.000
678	1	BLN	Gas detecting panel			+2.000
679	1		Office IT equipment			+2.000
713	2		Ventilation outlet fan	3		+2.000

SITE AREA (This list applies to Engine hall plan and Engine hall section layouts.)

Item No.	Pcs.	Code	Description	Volume [m³]	Weight [kg] (Operative)	Mounting level (Floor level)
157	5	QBF	Oil mist separator unit		350	+12.710
251	20	VCA	Cooling water radiator		4445	+15.320
252	5	VEA	LT-Water expansion vessel	1,2	1450	+16.390
351	5	NHA	Exhaust gas silencer		9190	+4.590
356	15	-	Rupture disk		365	-
403	5	YBA	SCR (DeNOx)			-
416	1		CEMS container			-
500	2	DAD	Oily water collecting pit	2,5		-
512	1	DAA	Control pit			-
551	1	VBB	Water treatment unit (optional)		5000	-
552	1	VCB	Treated water tank (optional)	10		-
651	1	AET	Step up transformer (cust.scope)			-
659	2	BFB	Station transformer			-
670	5	BLP	Frequency converter for radiator			+12.710
680	10		Frequency converter for fan			-
703	10	EAB	Ventilation unit (27m3/s)		2000	+11.260

