

ambito amministrativo:

REGIONE BASILICATA
 PROVINCIA DI POTENZA
 COMUNE DI MELFI

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

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Progettazione Ambientale
 ISO 14001:2015



Studio di Ingegneria
 ing. Sergio Iezzi

Studio: Via Rigopiano 20/5, 65124 Pescara (PE) -
 tel./fax. +39 085-41.70.136 - mob.+39 346.82.91.332 -
 e-mail: sergio@iezzieu - PEC: sergio@pec.iezzieu -
 P.IVA: 01592970667 - C.F.: ZZISRG74P25G878H - Albo
 degli Ingegneri di Pescara n. 1764 - web: iezzieu

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	-	Compact auxiliary module		12105	+0.000
203	4	TSB	Starting air bottle	4,8	2023	+0.000
268	1	-	Maintenance water tank	10	-	-
300	10	NGA	Intake air filter		2510	+2.590
350	5	NHA	Exhaust gas module		10240	+4.570
355	5	NHA	Exhaust gas ventilation unit		200	+3.550
653	5	BAN	Neutral point cubicle			+0.000
668	5	CFE	Local control panel			
701	5	EAA	Ventilation unit, aux. area (18m³/s)		2100	+1.380
702	10	EAA	Ventilation unit, engine hall (18m³/s)		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

