
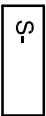



MATERIAL LIST				
POS.	CODE	COMPONENT DESCRIPTION	DN1 DN2	QTY WEIGHT DEST
			N°/ML	Kg.
1	PPHJ100	PIPE PE-ASME B36.10-SEAMLESS-ASTM A106 GR.B	1"x3.3 mm SCH	29.41 3
2	EL9EQ100	ELBOW 90° SW-ASME B16.11-3000#F-FORGED-ASTM A105	1"	1.88 3
3	TERHN200	EQUAL TEE SW-ASME B16.11-3000#F-FORGED-ASTM A105	1" x 1"	0.82 3
4	FLG9M200	FLANGE SW-ASME B16.5-300#RF/S/63/125	1"	2.80 3
5	FLG9M000	FLANGE SW-ASME B16.5-300#RF/S/63/125	1/2"	0.90 3
6	CAPRL200	RA-FORGED-ASTM A105		
7	GATVA200	CAP FTHD-ASME B16.11-3000#F-FORGED-ASTM A105	1"	0.33 4
8	SWG1A700	GATE VALVE SW-AP 602-800#ASTM A105-GAT C85035(F6N)	1"	3.80 3
9	SLT19200	SWAGE-MS SP-9P-OE-PE-SEAMLESS-ASTM A 106	1"x1/2" 160 SCH	0.28 2
10	NIPN1900	GR.B	160	
12	GUANH300	SOCKO-ET-ASME B16.11-3000#-ASTM A105	2"x1"	0.27 1
13	GUA5A000	NIPPLE L=10 POE-TOE-ASME B36.10-ASTM A106	1"x160 mm L=100	0.42 3
		GR.B		
		GASKET-ASME B16.20-300#RF/S (63/125 RA)-ASI	1/2"	0.00 2
		304 SPR. WOUND/GRAPHITE 4.5mm. OUTER RING		
		3mm		
		GASKET-ASME B16.20-300#RF/S (63/125 RA)-ASI	1"	0.00 2
		304 SPR. WOUND/GRAPHITE 4.5mm. OUTER RING		
		3mm		
		STUD BOLTS + 2 NUTS-ASME B16.2 1/2-ASTM A193	1/2" x 70	0.50
		BT + A194 2H		
		STUD BOLTS + 2 NUTS-ASME B16.2 1/2-ASTM A193	5/8" x 85	0.92
		BT + A194 2H		

0	16/05/11	READY FOR CHECK	R.A.	D.F.	1	19/05/11	ISSUED FOR CONSTRUCTION	R.A.	D.F.	2	20/05/11	REV. L.M.L.	R.A.	D.F.	L.D.	Stress Analysis Calculation N° 59
REV.	DATE		PREP.	VERIF.	APPR. AUTH.	REV.	DATE	PREP.	VERIF.	APPR. AUTH.	REV.	DATE	PREP.	VERIF.	APPR. AUTH.	

Fabric Weight [1] 0.27 kg										Erection Weight [2] 0.28 kg										Sleeper Weight [3] 39.83 kg									
Thrd. Weight [4] 0.33 kg										P. Rack Weight [5] 0.00 kg										Sleeper Weight [6] 0.00 kg									
GENERAL NOTES																													
Dimensions and layout of threaded and s.w. lines are indicative only and shall be checked at jobsite before erection. Elevation 35000 is the elevation of paving high point (HPP)																													
										spraying tangler support										special support									
										auxiliary lifting support										field weld									
*—																													
18.0dnatg280°C15.0dnatg230°C27.0dnatg100																													
Design Press. Design Temp. Oper. Press. Oper. Temp. Test Press. Area																													
-300#/RFS CUCI																													
Railing Material Piping Class Test Medium Heat Treatm. Radiography																													
IH / V16 1/16 /																													
Insulation Thickness Painting Field type Coarse Abras Tacking																													
REV. DATE DESCRIPTION REVIS. CHK. APPR./AUTH.																													
<div><div></div><div><div>STRUCTURAL INSULATION PANELING</div><div>PROJECT CODE P.le E.Taramelli 97.00144, Roma, Italy. sip@shply.eu</div></div></div>																													
VEOLIA ES - CANADA																													
ORP-60.000 TRY USED OIL REGENERATION PLANT, ST.HYACINTHE-OUEBEC																													
LINE NUMBER: 1"-V16-100-702-CU31-IH																													
FORMSCALEPROJECTUNITDWG. TYPECOORDINATION DATEFILESTATUS																													
A3-2001100 DWG4012-702222 <sup>nd</sup> 3																													