

MATERIAL LIST


POS.	CODE	COMPONENT DESCRIPTION	DN1	DN2	Q.TY N°/Ml	WEIGHT Kg.
1	P1P/L100	PIPE PE-ASME B36.10-SEAMLESS-ASTM A106 GR.B	1"x6.3 mm SCH	18.37	3	4.331
2	E19EQ100	ELBOW 90° SW/A-SME B16.11-3000H-FORGED-ASTM A105	1"	4	1.88	3
3	E15OF100	ELBOW 45° SW/A-SME B16.11-3000H-FORGED-ASTM A105	1"	1	0.40	3
4	FLG9M100	FLANGE SW-A-SME B16.5-300#RFS (63/125 Ra) FORGED-ASTM A105	3/4"	1	1.40	3
5	GATV1200	GATE VALVE SW-API 602-500H-ASTM A105-CAT C850S/CS(FRN)	1"	1	3.80	3
6	SWG1A100	SWAGE-MSS SP95-POE+POE-SEAMLESS-ASTM A 108 GR.B	1"x3/4" 180 SCH	1	0.28	2
7	GUAR4300	GASKET-ASME B16.20-300#RFS (63/125 Ra)-ANSI 304 SPIR. WOUND/GRAPHITE 4.5mm. OUTER RING	3/4"	1	2	
		3mm				
SBOV1800		STUD BOLTS + 2 NUTS-ASME B18.2.1/2-ASTM A193 B7 x A194 2H	5/8" x 85	4	0.92	

Fabric Weight [1] 0.00 kg	Erection Weight [2] 0.56 kg	Socket Weight [3] 25.84 kg
Thr'd. Weight [4] 0.00 kg	Sleeper Weight [6] 0.00 kg	

GENERAL NOTES

Dimensions and layout of threaded and sw. hangers indicate only and shall be checked at jobsite before erection.

Elevation 3500mm is the elevation of paving high point (HPF)



spring hanger support

S-

special support

auxiliary piking support

field weld

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Design Press. 300#/RFS	Design Temp. 260°C	18.0bar(g)	Oper. Press. CU31	230°C	15.0bar(g)	27.0bar(g)	Area
Railing	Material	Piping Class	Test Medium	Heat Treatm.	/	/	Radioactivity
IH	/	/	V16	1/16	/	/	Tracing
Insulation Type	Insulation Thk	Painting	Fluid type	Corros. Allow.			
REV.	DATE	DESCRIPTION			PREP.	CHEK.	ASPERN AUTHN

<div style="border: 2px solid black; padding: 5px; display: inline-block;">SP</div> <small>STEP TECHNOLOGIE PROGETTI</small>	P.le E. Tarantelli, 97-00144, Roma, Italy, slb@stclab.eu	

VEOLIA ES - CANADA			
ORP-60,000 TTY USED OIL REGENERATION PLANT ST-HYACINTHE-QUEBEC			

LINE NUMBER: 1"-V16-100-702-CU31-IH			
FORM	A3	-	PROJECT UNIT DOC TYPE DOCUMENT CODE
		20071	100 DW 4012-702 11 3 of 3

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