



FABRICATION MATERIALS

NO	COMPONENT DESCRIPTION	SIZE	ITEM CODE	QTY
1	PIPE, B36.10M, BE, A335 GR. P11, SMLS, S-80	2	171011672	0.6 M
2	SOCKLET, MSS SP-97, CL 3000, SWE, A182 GR. F11 CL. 2	2X1	17031839	1
3	FLANGE WN, B16.5, CL 600, RF, A182 GR. F11 CL. 2, S-80	2	192191691	3

NO	COMPONENT DESCRIPTION	SIZE	ITEM CODE	QTY
4	FIGURE-8 BLANK, B16.48, CL 300, FF, A182 GR.F11 CL.2	2	1465724567	1
5	PIPING SPECIALTY COMPONENT	2	SQC-0921	1
6	NIPPLE, B36.10M, PBE, A335 GR.P11, SMLS, 75MM LONG, S-160	1	170441473	1
7	FLANGE SW, B16.5, CL 300, RF, A182 GR.F11 CL.2, S-160	1	170441504	1
8	BLIND FLANGE, B16.5, CL 300, RF, A182 GR.F11 CL.2	1	170256231	1
9	GATE VALVE, API 600, CL 300, RF, BB DS&Y, HW-OPERATOR, A217 GR.WC6, TRIM 13CR W/STELLITE SEATS, FLEXIBLE WEDGE, B16.5	2	1239006857	1
10	SWING CHECK VALVE, BS 1868, CL 300, RF, BC, A217 GR.WC6, TRIM 13CR W/STELLITE SEATS, B16.5	2	1418533320	1
11	GATE VALVE, API 602, CL 300, RF, BB DS&Y, HW-OPERATOR, A182 GR.F11 CL.2, TRIM 13CR W/STELLITE SEATS, SOLID WEDGE, B16.5	1	1168393498	1
12	STUD BOLT W/2 HEAVY HEX NUTS, B18.2.2, A193 B16 / A194 4, 5.0MM	9 5/8	146552011	24
13	STUD BOLT W/2 HEAVY HEX NUTS, B18.2.2, A193 B16 / A194 4, 15.0MM	1 5/8	133182168	8
14	STUD BOLT W/2 HEAVY HEX NUTS, B18.2.2, A193 B16 / A194 4, 5.0MM	8 5/8	146552009	8
15	GASKET SPIRAL WOUND, B16.20, CL 300, RF, 316SS, THERMICULIT E 835 FILL, 316SS CR & IR, B16.5, 4.5T	2	1218141898	5
16	GASKET SPIRAL WOUND, B16.20, CL 300, RF, 316SS, THERMICULIT E 835 FILL, 316SS CR & IR, B16.5, 4.5T	1	1218141891	2
17	BS7-3-220-932-90	2	PSUPPORT	1

NPS	MAT'L CLASS	OPER.		DESIGN		TEST		INSULATION		PAINT CODE	PWHT	NDE														
		PRESS. (kg/cm2g)	TEMP. (°c)	PRESS. (kg/cm2g)	TEMP. (°c)	PRESS. (kg/cm2g)	MEDIUM	TYPE	TH'K (mm)																	
2"	E2A2E	27.4	330	31.5	360	59.66	HYDRO	N		B	Y	100														
1'	E2A2E	27.4	330	31.5	360	59.66	HYDRO	N		B	Y	100														
													0	29-SEP-16	ISSUED FOR CONSTRUCTION	STC	BSK	HJP	P&ID NO.	AA00-PID-0021-023		UNIT NO.	00	STRESS	YES	
													1	27-APR-17	REVISED AS MARKED	STC	BSK	HJP	GAD NO.	00-DW-PI-1104		LINE NO.	2'-SER-00023304-E2A2E-N			
													REV.	DATE	DESCRIPTION	BY	CHECK'D	APPR'D	DWG NO.	U00A-SER-00023304-01					REV.	0