

Tie In Point wise Summary

Note:-

1- NAC6= NACE + HIC

2- PIPE QTY IN METRES AND OTHERS IN NUMBERS.

3- GALVNISATION AS PER ASTM A153

4- NUTS SHALL BE HEAVY HEXAGONAL

S No.	SERVICE	UNIT	LINE NO	ITEM DESCRIPTION	DIA1	DIA2	QTY
1	AI	212	TP-020	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, 3.0 INCH, STD	3	0	2.5
2	AI	212	TP-020	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 3.0 INCH, STD	3	0	1
4	AI	212	TP-020	FLNG.BLIND, B-16.5, ASTM A 105 N (GALV.), 150, FF/125AARH, 3.0 INCH	3	0	1
5	AI	212	TP-020	FLNG.FIG.8, ASME-B16.48, ASTM A 516N Gr.70 (GALV.), 150, FF/125AARH, 3.0 INCH	3	0	1
6	AI	212	TP-020	T.RED, B-16.9, ASTM A 234 GR.WPB, BW, 4.0 INCH, STD, 3.0 INCH, STD	4	3	1
7	AI	212	TP-020	VLV.GATE, SHEET 513FE, 3.0 INCH	3	0	1
8	AI	212	TP-020	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7(GALV), A194 2H(GALV), 0.625 INCH X 4.0 INCH	0.625	4	4
9	AI	212	TP-020	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7(GALV), A194 2H(GALV), 0.625 INCH X 3.75 INCH	0.625	0	4
10	AI	212	TP-020	GASKET, B-16.21-ANSI B16.5, NONASB. SYN FIBRE+ RUBR BINDER, FULLFACE, 150, 3.0 INCH, 2 MM	3	0	3
11	AI	212	TP-034	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, 4.0 INCH, STD	4	0	2.5
12	AI	212	TP-034	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 4.0 INCH, STD	4	0	1
14	AI	212	TP-034	FLNG.BLIND, B-16.5, ASTM A 105 N (GALV.), 150, FF/125AARH, 4.0 INCH	4	0	1
15	AI	212	TP-034	FLNG.FIG.8, ASME-B16.48, ASTM A 516N Gr.70 (GALV.), 150, FF/125AARH, 4.0 INCH	4	0	1
16	AI	212	TP-034	T.EQUAL, B-16.9, ASTM A 234 GR.WPB, BW, 4.0 INCH, STD	4	0	1
17	AI	212	TP-034	VLV.GATE, SHEET 513FE, 4.0 INCH	4	0	1
18	AI	212	TP-034	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7(GALV), A194 2H(GALV), 0.625 INCH X 4.25 INCH	0.625	0	8
19	AI	212	TP-034	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7(GALV), A194 2H(GALV), 0.625 INCH X 3.75 INCH	0.625	0	8
20	AI	212	TP-034	GASKET, B-16.21-ANSI B16.5, NONASB. SYN FIBRE+ RUBR BINDER, FULLFACE, 150, 4.0 INCH, 2 MM	4	0	3
21	AP	212	TP-011	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, 2.0 INCH, XS	2	0	2.5
22	AP	212	TP-011	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 2.0 INCH, XS	2	0	1
24	AP	212	TP-011	FLNG.BLIND, B-16.5, ASTM A 105 N (GALV.), 150, FF/125AARH, 2.0 INCH	2	0	1
25	AP	212	TP-011	FLNG.FIG.8, ASME-B16.48, ASTM A 516N Gr.70 (GALV.), 150, FF/125AARH, 2.0 INCH	2	0	1
26	AP	212	TP-011	VLV.GATE, SHEET 513FE, 2.0 INCH	2	0	1
27	AP	212	TP-011	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7(GALV), A194 2H(GALV), 0.625 INCH X 3.75 INCH	0.625	0	4
28	AP	212	TP-011	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7(GALV), A194 2H(GALV), 0.625 INCH X 3.25 INCH	0.625	3.25	4
29	AP	212	TP-011	GASKET, B-16.21-ANSI B16.5, NONASB. SYN FIBRE+ RUBR BINDER, FULLFACE, 150, 2.0 INCH, 2 MM	2	0	3
30	AP	212	TP-028	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, 2.0 INCH, XS	2	0	2.5
31	AP	212	TP-028	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 2.0 INCH, XS	2	0	1
33	AP	212	TP-028	FLNG.BLIND, B-16.5, ASTM A 105 N (GALV.), 150, FF/125AARH, 2.0 INCH	2	0	1
34	AP	212	TP-028	FLNG.FIG.8, ASME-B16.48, ASTM A 516N Gr.70 (GALV.), 150, FF/125AARH, 2.0 INCH	2	0	1
35	AP	212	TP-028	VLV.GATE, SHEET 513FE, 2.0 INCH	2	0	1
36	AP	212	TP-028	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7(GALV), A194 2H(GALV), 0.625 INCH X 3.75 INCH	0.625	0	4
37	AP	212	TP-028	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7(GALV), A194 2H(GALV), 0.625 INCH X 3.25 INCH	0.625	3.25	4
38	AP	212	TP-028	GASKET, B-16.21-ANSI B16.5, NONASB. SYN FIBRE+ RUBR BINDER, FULLFACE, 150, 2.0 INCH, 2 MM	2	0	3
40	BD	212	TP-023	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 2.0 INCH	2	0	1
41	BD	212	TP-023	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, IBR, 2.0 INCH	2	0	1
42	BD	212	TP-023	VLV.GATE, SHEET 513AB, IBR, 2.0 INCH	2	0	1
43	BD	212	TP-023	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.625 INCH X 3.25 INCH	0.625	0	4
44	BD	212	TP-023	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.625 INCH X 3.75 INCH	0.625	0	4
45	BD	212	TP-023	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 2.0 INCH	2	0	3
47	BD	212	TP-024	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 600, RF/125AARH, IBR, 4.0 INCH	4	0	1
48	BD	212	TP-024	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 600, FF/125AARH, IBR, 4.0 INCH	4	0	1
49	BD	212	TP-024	VLV.GATE, SHEET 515AB, IBR, 4.0 INCH	4	0	1
50	BD	212	TP-024	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.875 INCH X 6.5 INCH	0.875	0	8
51	BD	212	TP-024	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.875 INCH X 5.75 INCH	0.875	0	8
53	BD	212	TP-024	GASKET, B-16.20-ANSI B16.5, SP.WND SS316L+GRAFIL+ I RING, SPIRAL, 600, 4.0 INCH	4	0	3
54	CL	212	TP-021	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, IBR, 4.0 INCH, STD	4	0	12
55	CL	212	TP-021	PIPE, B-36.10, ASTM A 672 GR.B60 CL.32, BE, E.FS.W, IBR, 16.0 INCH, STD	16	0	0.203

56	CL	212	TP-021	REINF.PAD, ASTM A 672 GR.B60 CL.32, IBR, 16.0 INCH, STD, 4.0 INCH	16	4	1
57	CL	212	TP-021	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 4.0 INCH, STD	4	0	1
58	CL	212	TP-021	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 4.0 INCH	4	0	1
59	CL	212	TP-021	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, IBR, 4.0 INCH	4	0	1
60	CL	212	TP-021	ELBOW.90, B-16.9, ASTM A 234 GR.WPB, BW, 1.5D, IBR, 4.0 INCH, STD	4	0	1
61	CL	212	TP-021	VLV.GATE, SHEET 513AB, IBR, 4.0 INCH	4	0	1
62	CL	212	TP-021	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.625 INCH X 4.25 INCH	0.625	0	8
63	CL	212	TP-021	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.625 INCH X 3.75 INCH	0.625	0	8
64	CL	212	TP-021	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 4.0 INCH	4	0	3
65	CL	212	TP-026	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, IBR, 10.0 INCH, STD	10	0	5
66	CL	212	TP-026	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 10.0 INCH, STD	10	0	1
67	CL	212	TP-026	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 10.0 INCH	10	0	1
68	CL	212	TP-026	SPCR&BLND, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, IBR, 10.0 INCH	10	0	1
69	CL	212	TP-026	ELBOW.90, B-16.9, ASTM A 234 GR.WPB, BW, 1.5D, IBR, 10.0 INCH, STD	10	0	1
70	CL	212	TP-026	T.RED, B-16.9, ASTM A 234 GR.WPB, BW, IBR, 12.0 INCH, STD, 10.0 INCH, STD	12	10	1
71	CL	212	TP-026	VLV.GATE, SHEET 513AB, IBR, 10.0 INCH	10	0	1
72	CL	212	TP-026	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.875 INCH X 4.75 INCH	0.875	0	12
73	CL	212	TP-026	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.875 INCH X 5.5 INCH	0.875	0	12
75	CL	212	TP-026	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 10.0 INCH	10	0	3
76	CL	212	TP-038	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, IBR, 10.0 INCH, STD	10	0	13.5
77	CL	212	TP-038	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 10.0 INCH, STD	10	0	1
78	CL	212	TP-038	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 10.0 INCH	10	0	1
79	CL	212	TP-038	SPCR&BLND, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, IBR, 10.0 INCH	10	0	1
80	CL	212	TP-038	ELBOW.90, B-16.9, ASTM A 234 GR.WPB, BW, 1.5D, IBR, 10.0 INCH, STD	10	0	1
81	CL	212	TP-038	T.RED, B-16.9, ASTM A 234 GR.WPB, BW, IBR, 12.0 INCH, STD, 10.0 INCH, STD	12	10	1
82	CL	212	TP-038	VLV.GATE, SHEET 513AB, IBR, 10.0 INCH	10	0	1
83	CL	212	TP-038	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.875 INCH X 4.75 INCH	0.875	0	12
84	CL	212	TP-038	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.875 INCH X 5.5 INCH	0.875	0	12
86	CL	212	TP-038	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 10.0 INCH	10	0	3
87	FAG	212	TP-022	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, NACE, 6.0 INCH, STD	6	0	10
88	FAG	212	TP-022	PIPE, B-36.10, ASTM A 671 GR.CC60 CL.32, BE, E.FS.W, NACE, 42.0 INCH, XS	42	0	0.305
89	FAG	212	TP-022	REINF.PAD, ASTM A 671 GR.CC60 CL.32, NACE, 42.0 INCH, XS, 6.0 INCH	42	6	1
90	FAG	212	TP-022	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, NACE, 6.0 INCH, STD	6	0	3
91	FAG	212	TP-022	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, NACE, 6.0 INCH	6	0	1
92	FAG	212	TP-022	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, NACE, 6.0 INCH	6	0	1
93	FAG	212	TP-022	ELBOW.90, B-16.9, ASTM A 234 GR.WPB, BW, 1.5D, NACE, 6.0 INCH, STD	6	0	1
94	FAG	212	TP-022	VLV.GATE, SHEET 513HC, NACE, 6.0 INCH, LOCK OPEN, FULL BORE	6	0	2
95	FAG	212	TP-022	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 0.75 INCH X 4.0 INCH	0.75	4	24
96	FAG	212	TP-022	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 0.75 INCH X 4.75 INCH	0.75	4.75	8
98	FAG	212	TP-022	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, NACE, 6.0 INCH	6	0	5
99	FAG	212	TP-036	PIPE, B-36.10, ASTM A 671 GR.CC60 CL.32, BE, E.FS.W, NACE, 24.0 INCH, STD	24	0	14
100	FAG	212	TP-036	PIPE, B-36.10, ASTM A 671 GR.CC60 CL.32, BE, E.FS.W, NACE, 42.0 INCH, XS	42	0	1.219
101	FAG	212	TP-036	REINF.PAD, ASTM A 671 GR.CC60 CL.32, NACE, 42.0 INCH, XS, 24.0 INCH	42	24	1
102	FAG	212	TP-036	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, NACE, 24.0 INCH, STD	24	0	3
103	FAG	212	TP-036	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, NACE, 24.0 INCH	24	0	1
104	FAG	212	TP-036	SPCR&BLND, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, NACE, 24.0 INCH	24	0	1
105	FAG	212	TP-036	ELBOW.90, B-16.9, ASTM A 234 GR.WPB-W, BW, 1.5D, NACE, 24.0 INCH, STD	24	0	1
106	FAG	212	TP-036	VLV.GATE, SHEET 513HC, NACE, 24.0 INCH, LOCK OPEN, FULL BORE	24	0	2
107	FAG	212	TP-036	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 1.25 INCH X 9.5 INCH	1.25	9.5	20
108	FAG	212	TP-036	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 1.25 INCH X 8.0 INCH	1.25	8	60
110	FAG	212	TP-036	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, NACE, 24.0 INCH	24	0	5
112	FG	212	TP-025	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 6.0 INCH	6	0	1
113	FG	212	TP-025	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, 6.0 INCH	6	0	1
114	FG	212	TP-025	VLV.BALL, SHEET 543LA, 6.0 INCH	6	0	1
115	FG	212	TP-025	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.75 INCH X 4.75 INCH	0.75	0	8
116	FG	212	TP-025	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.75 INCH X 4 INCH	0.75	0	8

118	FG	212	TP-025	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 6.0 INCH	6	0	3
119	FG	212	TP-037	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, 8.0 INCH, STD	8	0	6
120	FG	212	TP-037	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 8.0 INCH, STD	8	0	1
121	FG	212	TP-037	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 8.0 INCH	8	0	1
122	FG	212	TP-037	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, 8.0 INCH	8	0	1
123	FG	212	TP-037	ELBOW.90, B-16.9, ASTM A 234 GR.WPB, BW, 1.5D, 8.0 INCH, STD	8	0	1
124	FG	212	TP-037	T.RED, B-16.9, ASTM A 234 GR.WPB, BW, 10.0 INCH, STD, 8.0 INCH, STD	10	8	1
125	FG	212	TP-037	VLV.BALL, SHEET 543LA, 8.0 INCH	8	0	1
126	FG	212	TP-037	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.75 INCH X 5 INCH	0.75	0	8
127	FG	212	TP-037	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.75 INCH X 4.25 INCH	0.75	0	8
129	FG	212	TP-037	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 8.0 INCH	8	0	3
131	N	212	TP-012	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 8.0 INCH	8	0	1
132	N	212	TP-012	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, 8.0 INCH	8	0	1
133	N	212	TP-012	VLV.GATE, SHEET 513FA, 8.0 INCH	8	0	1
134	N	212	TP-012	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.75 INCH X 5 INCH	0.75	0	8
135	N	212	TP-012	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.75 INCH X 4.25 INCH	0.75	0	8
137	N	212	TP-012	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 8.0 INCH	8	0	3
138	P	89	TP-039	PIPE, B-36.10, ASTM A 671 GR.CC60 CL.32, BE, E.FS.W, NACE, 48.0 INCH, XS	48	0	7
139	P	89	TP-039	FLNG.WN, B-16.47-B, ASTM A 105 (NORMALISED), 150, RF/125AARH, NACE, 48.0 INCH, XS	48	0	1
140	P	89	TP-039	FLNG.BLIND, B-16.47-B, ASTM A 105 (NORMALISED), 150, RF/125AARH, NACE, 48.0 INCH	48	0	1
141	P	89	TP-039	SPCR&BLND, ASME B16.47B/EIL'STD, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, NACE, 48.0 INCH, XS	48	0	1
142	P	89	TP-039	ELBOW.90, B-16.9, ASTM A 234 GR.WPB-W, BW, 1.5D, NACE, 48.0 INCH, XS	48	0	1
143	P	89	TP-039	T.EQUAL, B-16.9, ASTM A 234 GR.WPB-W, BW, NACE, 48.0 INCH, XS	48	0	1
144	P	89	TP-039	VLV.BTRFLY, SHEET 563JC, NACE, 48.0 INCH	48	0	1
145	P	89	TP-039	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 1.125 INCH X 9.5 INCH	1.125	9.5	44
146	P	89	TP-039	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 1.125 INCH X 12.25 INCH	1.125	12.25	44
147	P	89	TP-039	GASKET, B-16.20-ANSI B16.47B, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, NACE, 48.0 INCH	48	0	3
148	P	89	TP-040	PIPE, B-36.10, ASTM A 671 GR.CC60 CL.32, BE, E.FS.W, NAC6, 16.0 INCH, STD	16	0	12
149	P	89	TP-040	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, NAC6, 16.0 INCH, STD	16	0	1
150	P	89	TP-040	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, NAC6, 16.0 INCH	16	0	1
151	P	89	TP-040	SPCR&BLND, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, NAC6, 16.0 INCH	16	0	1
152	P	89	TP-040	ELBOW.90, B-16.9, ASTM A 234 GR.WPB-W, BW, 1.5D, NAC6, 16.0 INCH, STD	16	0	4
153	P	89	TP-040	T.EQUAL, B-16.9, ASTM A 234 GR.WPB-W, BW, NAC6, 16.0 INCH, STD	16	0	1
154	P	89	TP-040	VLV.GATE, SHEET 513TC, NAC6, 16.0 INCH	16	0	1
155	P	89	TP-040	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NAC6, 1.0 INCH X 6.25 INCH	1	6.25	16
156	P	89	TP-040	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NAC6, 1.0 INCH X 7.25 INCH	1	7.25	16
158	P	89	TP-040	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, NAC6, 16.0 INCH	16	0	3
159	P	89	TP-041	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, NACE, 3.0 INCH, STD	3	0	6
160	P	89	TP-041	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, NACE, 3.0 INCH, STD	3	0	1
161	P	89	TP-041	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, NACE, 3.0 INCH	3	0	1
162	P	89	TP-041	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, NACE, 3.0 INCH	3	0	1
163	P	89	TP-041	ELBOW.90, B-16.9, ASTM A 234 GR.WPB, BW, 1.5D, NACE, 3.0 INCH, STD	3	0	1
164	P	89	TP-041	T.EQUAL, B-16.9, ASTM A 234 GR.WPB, BW, NACE, 3.0 INCH, STD	3	0	1
165	P	89	TP-041	VLV.GATE, SHEET 513HC, NACE, 3.0 INCH	3	0	1
166	P	89	TP-041	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 0.625 INCH X 4.0 INCH	0.625	4	4
167	P	89	TP-041	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 0.625 INCH X 3.75 INCH	0.625	3.75	4
168	P	89	TP-041	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, NACE, 3.0 INCH	3	0	3
169	P	89	TP-042	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, NACE, 3.0 INCH, STD	3	0	9
170	P	89	TP-042	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, NACE, 3.0 INCH, STD	3	0	1
171	P	89	TP-042	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, NACE, 3.0 INCH	3	0	1
172	P	89	TP-042	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, NACE, 3.0 INCH	3	0	1
173	P	89	TP-042	ELBOW.90, B-16.9, ASTM A 234 GR.WPB, BW, 1.5D, NACE, 3.0 INCH, STD	3	0	4
174	P	89	TP-042	T.EQUAL, B-16.9, ASTM A 234 GR.WPB, BW, NACE, 3.0 INCH, STD	3	0	1
175	P	89	TP-042	VLV.GATE, SHEET 513HC, NACE, 3.0 INCH	3	0	1
176	P	89	TP-042	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 0.625 INCH X 3.75 INCH	0.625	3.75	4
177	P	89	TP-042	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 0.625 INCH X 4.0 INCH	0.625	4	4

178	P	89	TP-042	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, NACE, 3.0 INCH	3	0	3
179	P	89	TP-051	PIPE, B-36.10, ASTM A 671 GR.CC60 CL.32, BE, E.FS.W, NAC6, 16.0 INCH, STD	16	0	1
180	P	89	TP-051	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 300, RF/125AARH, NAC6, 16.0 INCH, STD	16	0	2
181	P	89	TP-051	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NAC6, 1.25 INCH X 8.75 INCH	1.25	8.75	20
182	P	89	TP-051	GASKET, B-16.20-ANSI B16.5, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, NAC6, 16.0 INCH	16	0	1
183	P	89	TP-052	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 300, RF/125AARH, NAC6, 16.0 INCH, STD	16	0	2
184	P	89	TP-052	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NAC6, 1.25 INCH X 8.75 INCH	1.25	8.75	20
185	P	89	TP-052	GASKET, B-16.20-ANSI B16.5, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, NAC6, 16.0 INCH	16	0	1
186	P	89	TP-053	PIPE, B-36.10, ASTM A 671 GR.CC60 CL.32, BE, E.FS.W, NACE, 48.0 INCH, XS	48	0	1
187	P	89	TP-053	FLNG.WN, B-16.47-B, ASTM A 105 (NORMALISED), 300, RF/125AARH, NACE, 48.0 INCH, XS	48	0	2
188	P	89	TP-053	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 1.875 INCH X 17.75 INCH	1.875	17.75	40
189	P	89	TP-053	GASKET, B-16.20-ANSI B16.47B, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, NACE, 48.0 INCH	48	0	1
190	P	89	TP-054	FLNG.WN, B-16.47-B, ASTM A 105 (NORMALISED), 300, RF/125AARH, NACE, 48.0 INCH, XS	48	0	2
191	P	89	TP-054	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 1.875 INCH X 17.75 INCH	1.875	17.75	40
192	P	89	TP-054	GASKET, B-16.20-ANSI B16.47B, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, NACE, 48.0 INCH	48	0	1
193	P	89	TP-055	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, NACE, 3.0 INCH, STD	3	0	1
194	P	89	TP-055	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 300, RF/125AARH, NACE, 3.0 INCH, STD	3	0	2
195	P	89	TP-055	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 0.75 INCH X 4.25 INCH	0.75	4.25	8
196	P	89	TP-055	GASKET, B-16.20-ANSI B16.5, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, NACE, 3.0 INCH	3	0	1
197	P	89	TP-056	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 300, RF/125AARH, NACE, 3.0 INCH, STD	3	0	2
198	P	89	TP-056	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 0.75 INCH X 4.25 INCH	0.75	4.25	8
199	P	89	TP-056	GASKET, B-16.20-ANSI B16.5, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, NACE, 3.0 INCH	3	0	1
200	P	89	TP-057	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, NACE, 3.0 INCH, STD	3	0	1
201	P	89	TP-057	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 300, RF/125AARH, NACE, 3.0 INCH, STD	3	0	2
202	P	89	TP-057	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 0.75 INCH X 4.25 INCH	0.75	4.25	8
203	P	89	TP-057	GASKET, B-16.20-ANSI B16.5, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, NACE, 3.0 INCH	3	0	1
204	P	89	TP-058	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 300, RF/125AARH, NACE, 3.0 INCH, STD	3	0	2
205	P	89	TP-058	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 0.75 INCH X 4.25 INCH	0.75	4.25	8
206	P	89	TP-058	GASKET, B-16.20-ANSI B16.5, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, NACE, 3.0 INCH	3	0	1
207	P	89	TP-071	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, 10.0 INCH, STD	10	0	3
208	P	89	TP-071	PIPE, B-36.10, ASTM A 106 GR.B, PE, SEAMLESS, IBR, 0.75 INCH, S160	0.75	0	12
209	P	89	TP-071	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, IBR, 12.0 INCH, STD	12	0	3
210	P	89	TP-071	FLNG.SW, B-16.5, ASTM A 105 (NORMALISED), 300, RF/125AARH, IBR, 0.75 INCH, S160	0.75	0	1
211	P	89	TP-071	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 0.75 INCH, S160	0.75	0	5
212	P	89	TP-071	FLNG.SO, B-16.5, ASTM A 105 (NORMALISED), 300, RF/125AARH, 12.0 INCH, 10.0 INCH	12	10	1
213	P	89	TP-071	FLNG.SO, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 12.0 INCH, 10.0 INCH	12	10	1
214	P	89	TP-071	ELBOW.90, B-16.11, ASTM A 105 (NORMALISED), SW, 6000, IBR, 0.75 INCH	0.75	0	6
215	P	89	TP-071	SOCKOLET, MSS-SP97, ASTM A 105 (NORMALISED), SW, 6000, IBR, 12.0 INCH, 0.75 INCH	12	0.75	2
216	P	89	TP-071	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.5 INCH X 2.5 INCH	0.5	0	12
217	P	89	TP-071	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.625 INCH X 3 INCH	0.625	0	4
218	P	89	TP-071	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.875 INCH X 4.75 INCH	0.875	0	12
219	P	89	TP-071	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.125 INCH X 8 INCH	1.125	0	16
220	P	89	TP-071	GASKET, B-16.20-ANSI B16.5, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, 0.75 INCH	0.75	0	1
221	P	89	TP-071	GASKET, B-16.20-ANSI B16.5, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, 12.0 INCH	12	0	1
222	P	89	TP-071	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 0.75 INCH	0.75	0	3
223	P	89	TP-071	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 12.0 INCH	12	0	1
224	P	89	TP-073	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, 10.0 INCH, STD	10	0	3
225	P	89	TP-073	PIPE, B-36.10, ASTM A 106 GR.B, PE, SEAMLESS, IBR, 0.75 INCH, S160	0.75	0	12
226	P	89	TP-073	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, IBR, 12.0 INCH, STD	12	0	3
227	P	89	TP-073	FLNG.SW, B-16.5, ASTM A 105 (NORMALISED), 300, RF/125AARH, IBR, 0.75 INCH, S160	0.75	0	1
228	P	89	TP-073	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 0.75 INCH, S160	0.75	0	5
229	P	89	TP-073	FLNG.SO, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 12.0 INCH, 10.0 INCH	12	10	1
230	P	89	TP-073	FLNG.SO, B-16.5, ASTM A 105 (NORMALISED), 300, RF/125AARH, 12.0 INCH, 10.0 INCH	12	10	1
231	P	89	TP-073	ELBOW.90, B-16.11, ASTM A 105 (NORMALISED), SW, 6000, IBR, 0.75 INCH	0.75	0	6
232	P	89	TP-073	SOCKOLET, MSS-SP97, ASTM A 105 (NORMALISED), SW, 6000, IBR, 12.0 INCH, 0.75 INCH	12	0.75	2
233	P	89	TP-073	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.5 INCH X 2.5 INCH	0.5	0	12

234	P	89	TP-073	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.625 INCH X 3 INCH	0.625	0	4
235	P	89	TP-073	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.875 INCH X 4.75 INCH	0.875	0	12
236	P	89	TP-073	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.125 INCH X 8 INCH	1.125	0	16
237	P	89	TP-073	GASKET, B-16.20-ANSI B16.5, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, 0.75 INCH	0.75	0	1
238	P	89	TP-073	GASKET, B-16.20-ANSI B16.5, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, 12.0 INCH	12	0	1
239	P	89	TP-073	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 0.75 INCH	0.75	0	3
240	P	89	TP-073	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 12.0 INCH	12	0	1
241	P	89	TP-074	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, 6.0 INCH, STD	6	0	3
242	P	89	TP-074	PIPE, B-36.10, ASTM A 106 GR.B, PE, SEAMLESS, IBR, 0.75 INCH, S160	0.75	0	12
243	P	89	TP-074	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, IBR, 8.0 INCH, STD	8	0	3
244	P	89	TP-074	FLNG.SW, B-16.5, ASTM A 105 (NORMALISED), 300, RF/125AARH, IBR, 0.75 INCH, S160	0.75	0	1
245	P	89	TP-074	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 0.75 INCH, S160	0.75	0	5
246	P	89	TP-074	FLNG.SO, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 8.0 INCH, 6.0 INCH	8	6	1
247	P	89	TP-074	FLNG.SO, B-16.5, ASTM A 105 (NORMALISED), 300, RF/125AARH, 8.0 INCH, 6.0 INCH	8	6	1
248	P	89	TP-074	ELBOW.90, B-16.11, ASTM A 105 (NORMALISED), SW, 6000, IBR, 0.75 INCH	0.75	0	6
249	P	89	TP-074	SOCKOLET, MSS-SP97, ASTM A 105 (NORMALISED), SW, 6000, IBR, 8.0 INCH, 0.75 INCH	8	0.75	2
250	P	89	TP-074	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.5 INCH X 2.5 INCH	0.5	0	12
251	P	89	TP-074	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.625 INCH X 3 INCH	0.625	0	4
252	P	89	TP-074	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.75 INCH X 4.25 INCH	0.75	0	8
253	P	89	TP-074	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.875 INCH X 5.5 INCH	0.875	0	12
254	P	89	TP-074	GASKET, B-16.20-ANSI B16.5, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, 0.75 INCH	0.75	0	1
255	P	89	TP-074	GASKET, B-16.20-ANSI B16.5, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, 8.0 INCH	8	0	1
256	P	89	TP-074	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 0.75 INCH	0.75	0	3
257	P	89	TP-074	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 8.0 INCH	8	0	1
258	P	89	TP-076	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, 6.0 INCH, STD	6	0	3
259	P	89	TP-076	PIPE, B-36.10, ASTM A 106 GR.B, PE, SEAMLESS, IBR, 0.75 INCH, S160	0.75	0	12
260	P	89	TP-076	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, IBR, 8.0 INCH, STD	8	0	3
261	P	89	TP-076	FLNG.SW, B-16.5, ASTM A 105 (NORMALISED), 300, RF/125AARH, IBR, 0.75 INCH, S160	0.75	0	1
262	P	89	TP-076	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 0.75 INCH, S160	0.75	0	5
263	P	89	TP-076	FLNG.SO, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 8.0 INCH, 6.0 INCH	8	6	1
264	P	89	TP-076	FLNG.SO, B-16.5, ASTM A 105 (NORMALISED), 300, RF/125AARH, 8.0 INCH, 6.0 INCH	8	6	1
265	P	89	TP-076	ELBOW.90, B-16.11, ASTM A 105 (NORMALISED), SW, 6000, IBR, 0.75 INCH	0.75	0	6
266	P	89	TP-076	SOCKOLET, MSS-SP97, ASTM A 105 (NORMALISED), SW, 6000, IBR, 8.0 INCH, 0.75 INCH	8	0.75	2
267	P	89	TP-076	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.5 INCH X 2.5 INCH	0.5	0	12
268	P	89	TP-076	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.625 INCH X 3 INCH	0.625	0	4
269	P	89	TP-076	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.75 INCH X 4.25 INCH	0.75	0	8
270	P	89	TP-076	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.875 INCH X 5.5 INCH	0.875	0	12
271	P	89	TP-076	GASKET, B-16.20-ANSI B16.5, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, 0.75 INCH	0.75	0	1
272	P	89	TP-076	GASKET, B-16.20-ANSI B16.5, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, 8.0 INCH	8	0	1
273	P	89	TP-076	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 0.75 INCH	0.75	0	3
274	P	89	TP-076	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 8.0 INCH	8	0	1
275	P	89	TP-079	FLNG.WN, B-16.47-B, ASTM A 105 (NORMALISED), 300, RF/125AARH, 36.0 INCH, XS	36	0	1
276	P	89	TP-079	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.625 INCH X 14 INCH	1.625	0	32
277	P	89	TP-079	GASKET, B-16.20-ANSI B16.47B, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, 36.0 INCH	36	0	1
278	P	89	TP-080	FLNG.WN, B-16.47-B, ASTM A 105 (NORMALISED), 300, RF/125AARH, 36.0 INCH, XS	36	0	1
279	P	89	TP-080	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.625 INCH X 14 INCH	1.625	0	32
280	P	89	TP-080	GASKET, B-16.20-ANSI B16.47B, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, 36.0 INCH	36	0	1
281	P	211	TP-001	PIPE, B-36.10, ASTM A 671 GR.CC60 CL.32, BE, E.FS.W, NACE, 36.0 INCH, XS	36	0	60
282	P	211	TP-001	FLNG.WN, B-16.47-B, ASTM A 105 (NORMALISED), 150, RF/125AARH, NACE, 36.0 INCH, XS	36	0	2
283	P	211	TP-001	FLNG.BLIND, B-16.47-B, ASTM A 105 (NORMALISED), 150, RF/125AARH, NACE, 36.0 INCH	36	0	1
284	P	211	TP-001	SPCR&BLND, ASME B16.47B/EIL'STD, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, NACE, 36.	36	0	1
285	P	211	TP-001	ELBOW.90, B-16.9, ASTM A 234 GR.WPB-W, BW, 1.5D, NACE, 36.0 INCH, XS	36	0	2
286	P	211	TP-001	VLV.GATE, SHEET 513HC, NACE, 36.0 INCH	36	0	1
287	P	211	TP-001	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 0.875 INCH X 6.75 INCH	0.875	0	88
288	P	211	TP-001	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 0.875 INCH X 8.75 INCH	0.875	8.75	44
289	P	211	TP-001	GASKET, B-16.20-ANSI B16.47B, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, NACE, 36.0 INCH	36	0	4

290	P	211	TP-003	PIPE, B-36.10, ASTM A 671 GR.CC60 CL.32, BE, E.FS.W, NACE, 20.0 INCH, STD	20	0	60
291	P	211	TP-003	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, NACE, 20.0 INCH, STD	20	0	2
292	P	211	TP-003	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, NACE, 20.0 INCH	20	0	1
293	P	211	TP-003	SPCR&BLND, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, NACE, 20.0 INCH	20	0	1
294	P	211	TP-003	ELBOW.90, B-16.9, ASTM A 234 GR.WPB-W, BW, 1.5D, NACE, 20.0 INCH, STD	20	0	2
295	P	211	TP-003	VLV.GATE, SHEET 513HC, NACE, 20.0 INCH	20	0	1
296	P	211	TP-003	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 1.125 INCH X 8.75 INCH	1.125	8.75	20
297	P	211	TP-003	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NACE, 1.125 INCH X 7.5 INCH	1.125	7.5	40
299	P	211	TP-003	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, NACE, 20.0 INCH	20	0	4
300	P	211	TP-004	PIPE, B-36.19, ASTM A 358 TP316L CL.1, BE, E.FS.W, 10.0 INCH, S20	10	0	8.5
301	P	211	TP-004	FLNG.WN, B-16.5, ASTM A 182 GR.F316L, 150, RF/125AARH, 10.0 INCH, S20	10	0	1
302	P	211	TP-004	FLNG.BLIND, B-16.5, ASTM A 182 GR.F316L, 150, RF/125AARH, 10.0 INCH	10	0	1
303	P	211	TP-004	SPCR&BLND, ASME-B16.48, ASTM A 240 GR.316L, 150, FF/125AARH, 10.0 INCH	10	0	1
304	P	211	TP-004	ELBOW.90, B-16.9, ASTM A 403 GR.WP316L-WX, BW, 1.5D, 10.0 INCH, S20	10	0	1
305	P	211	TP-004	T.EQUAL, B-16.9, ASTM A 403 GR.WP316L-WX, BW, 10.0 INCH, S20	10	0	1
306	P	211	TP-004	VLV.GATE, SHEET 513AM, 10.0 INCH	10	0	1
307	P	211	TP-004	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.875 INCH X 4.75 INCH	0.875	0	12
308	P	211	TP-004	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.875 INCH X 5.5 INCH	0.875	0	12
310	P	211	TP-004	GASKET, B-16.20-ANSI B16.5, SP.WND SS316L+GRAFIL+ I RING, SPIRAL, 150, 10.0 INCH	10	0	3
311	P	211	TP-005	PIPE, B-36.10, ASTM A 672 GR.B60 CL.32, BE, E.FS.W, 48.0 INCH, XS	48	0	60
312	P	211	TP-005	FLNG.WN, B-16.47-B, ASTM A 105 (NORMALISED), 150, RF/125AARH, 48.0 INCH, XS	48	0	2
313	P	211	TP-005	FLNG.BLIND, B-16.47-B, ASTM A 105 (NORMALISED), 150, RF/125AARH, 48.0 INCH	48	0	1
314	P	211	TP-005	SPCR&BLND, EIL'STD, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, 48.0 INCH	48	0	1
315	P	211	TP-005	ELBOW.90, B-16.9, ASTM A 234 GR.WPB-W, BW, 1.5D, 48.0 INCH, XS	48	0	2
316	P	211	TP-005	VLV.GATE, SHEET 513CA, 48.0 INCH	48	0	1
317	P	211	TP-005	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.125 INCH X 9.5 INCH	1.125	0	88
318	P	211	TP-005	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.125 INCH X 12.25 INCH	1.125	12.25	44
319	P	211	TP-005	GASKET, B-16.20-ANSI B16.47B, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 48.0 INCH	48	0	4
320	P	211	TP-006	PIPE, B-36.10, ASTM A 672 GR.B60 CL.32, BE, E.FS.W, 48.0 INCH, XS	48	0	60
321	P	211	TP-006	FLNG.WN, B-16.47-B, ASTM A 105 (NORMALISED), 150, RF/125AARH, 48.0 INCH, XS	48	0	2
322	P	211	TP-006	FLNG.BLIND, B-16.47-B, ASTM A 105 (NORMALISED), 150, RF/125AARH, 48.0 INCH	48	0	1
323	P	211	TP-006	SPCR&BLND, EIL'STD, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, 48.0 INCH	48	0	1
324	P	211	TP-006	ELBOW.90, B-16.9, ASTM A 234 GR.WPB-W, BW, 1.5D, 48.0 INCH, XS	48	0	2
325	P	211	TP-006	VLV.GATE, SHEET 513CA, 48.0 INCH	48	0	1
326	P	211	TP-006	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.125 INCH X 9.5 INCH	1.125	0	88
327	P	211	TP-006	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.125 INCH X 12.25 INCH	1.125	12.25	44
328	P	211	TP-006	GASKET, B-16.20-ANSI B16.47B, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 48.0 INCH	48	0	4
329	P	211	TP-007	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, 10.0 INCH, STD	10	0	1
330	P	211	TP-007	PIPE, B-36.10, ASTM A 106 GR.B, PE, SEAMLESS, IBR, 0.75 INCH, S160	0.75	0	9
331	P	211	TP-007	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, IBR, 12.0 INCH, STD	12	0	1
332	P	211	TP-007	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 0.75 INCH, S160	0.75	0	7
333	P	211	TP-007	FLNG.SO, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 12.0 INCH, 10.0 INCH	12	10	2
334	P	211	TP-007	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 12.0 INCH	12	0	1
335	P	211	TP-007	SPCR&BLND, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, 10.0 INCH	10	0	1
336	P	211	TP-007	ELBOW.90, B-16.11, ASTM A 105 (NORMALISED), SW, 6000, IBR, 0.75 INCH	0.75	0	6
337	P	211	TP-007	SOCKOLET, MSS-SP97, ASTM A 105 (NORMALISED), SW, 6000, IBR, 12.0 INCH, 0.75 INCH	12	0.75	2
338	P	211	TP-007	VLV.GATE, SHEET 513AD, 10.0 INCH	10	0	1
339	P	211	TP-007	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.5 INCH X 2.5 INCH	0.5	0	16
340	P	211	TP-007	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.875 INCH X 4.75 INCH	0.875	0	24
341	P	211	TP-007	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.875 INCH X 5.75 INCH	0.875	0	12
343	P	211	TP-007	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 0.75 INCH	0.75	0	4
344	P	211	TP-007	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 12.0 INCH	12	0	4
345	P	211	TP-008	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, 6.0 INCH, STD	6	0	1
346	P	211	TP-008	PIPE, B-36.10, ASTM A 106 GR.B, PE, SEAMLESS, IBR, 0.75 INCH, S160	0.75	0	9
347	P	211	TP-008	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, IBR, 8.0 INCH, STD	8	0	1
348	P	211	TP-008	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 0.75 INCH, S160	0.75	0	7

349	P	211	TP-008	FLNG.SO, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 8.0 INCH, 6.0 INCH	8	6	2
350	P	211	TP-008	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 8.0 INCH	8	0	1
351	P	211	TP-008	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/250AARH, 6.0 INCH	6	0	1
352	P	211	TP-008	ELBOW.90, B-16.11, ASTM A 105 (NORMALISED), SW, 6000, IBR, 0.75 INCH	0.75	0	6
353	P	211	TP-008	SOCKOLET, MSS-SP97, ASTM A 105 (NORMALISED), SW, 6000, IBR, 8.0 INCH, 0.75 INCH	8	0.75	2
354	P	211	TP-008	VLV.GATE, SHEET 513AD, 6.0 INCH	6	0	1
355	P	211	TP-008	VLV.PLUG, SHEET 553BD, 2.0 INCH	2	0	1
356	P	211	TP-008	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.5 INCH X 2.5 INCH	0.5	0	16
357	P	211	TP-008	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.75 INCH X 5 INCH	0.75	0	8
358	P	211	TP-008	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.75 INCH X 4 INCH	0.75	0	16
360	P	211	TP-008	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 0.75 INCH	0.75	0	4
361	P	211	TP-008	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 6.0 INCH	6	0	4
362	P	211	TP-009	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, 8.0 INCH, STD	8	0	1
363	P	211	TP-009	PIPE, B-36.10, ASTM A 106 GR.B, PE, SEAMLESS, IBR, 0.75 INCH, S160	0.75	0	9
364	P	211	TP-009	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, IBR, 10.0 INCH, STD	10	0	1
365	P	211	TP-009	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 0.75 INCH, S160	0.75	0	7
366	P	211	TP-009	FLNG.SO, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 10.0 INCH, 8.0 INCH	10	8	2
367	P	211	TP-009	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 10.0 INCH	10	0	1
368	P	211	TP-009	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/250AARH, 8.0 INCH	8	0	1
369	P	211	TP-009	ELBOW.90, B-16.11, ASTM A 105 (NORMALISED), SW, 6000, IBR, 0.75 INCH	0.75	0	6
370	P	211	TP-009	SOCKOLET, MSS-SP97, ASTM A 105 (NORMALISED), SW, 6000, IBR, 10.0 INCH, 0.75 INCH	10	0.75	2
371	P	211	TP-009	VLV.GATE, SHEET 513AD, 8.0 INCH	8	0	1
372	P	211	TP-009	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.5 INCH X 2.5 INCH	0.5	0	16
373	P	211	TP-009	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.875 INCH X 4.75 INCH	0.875	0	24
374	P	211	TP-009	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.875 INCH X 5.5 INCH	0.875	0	12
376	P	211	TP-009	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 0.75 INCH	0.75	0	4
377	P	211	TP-009	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 10.0 INCH	10	0	4
379	P	211	TP-027	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, NAC6, 4.0 INCH	4	0	1
380	P	211	TP-027	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, NAC6, 4.0 INCH	4	0	1
381	P	211	TP-027	VLV.GATE, SHEET 513TC, NAC6, 4.0 INCH	4	0	1
382	P	211	TP-027	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NAC6, 0.625 INCH X 4.25 INCH	0.625	4.25	8
383	P	211	TP-027	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NAC6, 0.625 INCH X 3.75 INCH	0.625	3.75	8
384	P	211	TP-027	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, NAC6, 4.0 INCH	4	0	3
386	PA	211	TP-010	FLNG.BLIND, B-16.47-B, ASTM A 105 (NORMALISED), 150, RF/125AARH, 44.0 INCH	44	0	1
387	PA	211	TP-010	SPCR&BLND, EIL'STD, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, 44.0 INCH	44	0	1
388	PA	211	TP-010	VLV.GATE, SHEET 513CA, 44.0 INCH	44	0	1
389	PA	211	TP-010	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.0 INCH X 8.75 INCH	1	0	52
390	PA	211	TP-010	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.0 INCH X 11.25 INCH	1	11.25	52
391	PA	211	TP-010	GASKET, B-16.20-ANSI B16.47B, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 44.0 INCH	44	0	3
392	SH	212	TP-015	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, IBR, 12.0 INCH, S80	12	0	2
393	SH	212	TP-015	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 600, RF/125AARH, IBR, 12.0 INCH, S80	12	0	2
394	SH	212	TP-015	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 600, RF/125AARH, IBR, 12.0 INCH	12	0	1
395	SH	212	TP-015	SPCR&BLND, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 600, FF/125AARH, IBR, 12.0 INCH	12	0	1
396	SH	212	TP-015	VLV.GATE, SHEET 515AB, IBR, 12.0 INCH	12	0	2
397	SH	212	TP-015	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.25 INCH X 11.75 INCH	1.25	11.75	20
398	SH	212	TP-015	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.25 INCH X 10 INCH	1.25	0	60
400	SH	212	TP-015	GASKET, B-16.20-ANSI B16.5, SP.WND SS316L+GRAFIL+ I RING, SPIRAL, 600, 12.0 INCH	12	0	5
401	SH	212	TP-016	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, IBR, 6.0 INCH, XS	6	0	7
402	SH	212	TP-016	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 600, RF/125AARH, IBR, 6.0 INCH, XS	6	0	3
403	SH	212	TP-016	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 600, RF/125AARH, IBR, 6.0 INCH	6	0	1
404	SH	212	TP-016	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 600, FF/125AARH, IBR, 6.0 INCH	6	0	1
405	SH	212	TP-016	ELBOW.90, B-16.9, ASTM A 234 GR.WPB, BW, 1.5D, IBR, 6.0 INCH, XS	6	0	1
406	SH	212	TP-016	T.RED, B-16.9, ASTM A 234 GR.WPB, BW, IBR, 10.0 INCH, S80, 6.0 INCH, XS	10	6	1
407	SH	212	TP-016	VLV.GATE, SHEET 515AB, IBR, 6.0 INCH	6	0	2
408	SH	212	TP-016	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.0 INCH X 7.75 INCH	1	0	36
409	SH	212	TP-016	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.0 INCH X 8.75 INCH	1	0	12

411	SH	212	TP-016	GASKET, B-16.20-ANSI B16.5, SP.WND SS316L+GRAFIL+ I RING, SPIRAL, 600, 6.0 INCH	6	0	5
412	SH	212	TP-031	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, IBR, 10.0 INCH, S80	10	0	8
413	SH	212	TP-031	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 600, RF/125AARH, IBR, 10.0 INCH, S80	10	0	3
414	SH	212	TP-031	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 600, RF/125AARH, IBR, 10.0 INCH	10	0	1
415	SH	212	TP-031	SPCR&BLND, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 600, FF/125AARH, IBR, 10.0 INCH	10	0	1
416	SH	212	TP-031	ELBOW.90, B-16.9, ASTM A 234 GR.WPB, BW, 1.5D, IBR, 10.0 INCH, S80	10	0	1
417	SH	212	TP-031	T.EQUAL, B-16.9, ASTM A 234 GR.WPB, BW, IBR, 10.0 INCH, S80	10	0	1
418	SH	212	TP-031	VLV.GATE, SHEET 515AB, IBR, 10.0 INCH	10	0	2
419	SH	212	TP-031	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.25 INCH X 11.25 INCH	1.25	11.25	16
420	SH	212	TP-031	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.25 INCH X 9.75 INCH	1.25	0	48
422	SH	212	TP-031	GASKET, B-16.20-ANSI B16.5, SP.WND SS316L+GRAFIL+ I RING, SPIRAL, 600, 10.0 INCH	10	0	5
423	SL	86	TP-XX5	PIPE, B-36.10, ASTM A 106 GR.B, PE, SEAMLESS, IBR, 1.5 INCH, XS	1.5	0	1
424	SL	86	TP-XX5	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 1.5 INCH, XS	1.5	0	2
425	SL	86	TP-XX5	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 1.5 INCH	1.5	0	2
426	SL	86	TP-XX5	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, IBR, 1.5 INCH	1.5	0	2
427	SL	86	TP-XX5	SOCKOLET, MSS-SP97, ASTM A 105 (NORMALISED), SW, 3000, IBR, 18.0 INCH, 1.5 INCH	18	1.5	2
428	SL	86	TP-XX5	VLV.GATE, SHEET 510AB, IBR, 1.5 INCH	1.5	0	2
429	SL	86	TP-XX5	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.5 INCH X 3.25 INCH	0.5	0	8
430	SL	86	TP-XX5	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 1.5 INCH	1.5	0	4
431	SL	87	TP-XX6	PIPE, B-36.10, ASTM A 106 GR.B, PE, SEAMLESS, IBR, 1.5 INCH, XS	1.5	0	1
432	SL	87	TP-XX6	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 1.5 INCH, XS	1.5	0	2
433	SL	87	TP-XX6	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 1.5 INCH	1.5	0	2
434	SL	87	TP-XX6	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, IBR, 1.5 INCH	1.5	0	2
435	SL	87	TP-XX6	SOCKOLET, MSS-SP97, ASTM A 105 (NORMALISED), SW, 3000, IBR, 18.0 INCH, 1.5 INCH	18	1.5	2
436	SL	87	TP-XX6	VLV.GATE, SHEET 510AB, IBR, 1.5 INCH	1.5	0	2
437	SL	87	TP-XX6	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.5 INCH X 3.25 INCH	0.5	0	8
438	SL	87	TP-XX6	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 1.5 INCH	1.5	0	4
439	SL	89	TP-XX4	PIPE, B-36.10, ASTM A 106 GR.B, PE, SEAMLESS, IBR, 1.5 INCH, XS	1.5	0	2.5
440	SL	89	TP-XX4	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 1.5 INCH, XS	1.5	0	5
441	SL	89	TP-XX4	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 1.5 INCH	1.5	0	5
442	SL	89	TP-XX4	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, IBR, 1.5 INCH	1.5	0	5
443	SL	89	TP-XX4	SOCKOLET, MSS-SP97, ASTM A 105 (NORMALISED), SW, 3000, IBR, 18.0 INCH, 1.5 INCH	18	1.5	5
444	SL	89	TP-XX4	VLV.GATE, SHEET 510AB, IBR, 1.5 INCH	1.5	0	5
445	SL	89	TP-XX4	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.5 INCH X 3.25 INCH	0.5	0	20
446	SL	89	TP-XX4	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 1.5 INCH	1.5	0	10
448	SL	212	TP-017	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 24.0 INCH	24	0	1
449	SL	212	TP-017	SPCR&BLND, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, IBR, 24.0 INCH	24	0	1
450	SL	212	TP-017	VLV.GATE, SHEET 513AB, IBR, 24.0 INCH	24	0	1
451	SL	212	TP-017	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.25 INCH X 8 INCH	1.25	0	20
452	SL	212	TP-017	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.25 INCH X 9.5 INCH	1.25	0	20
454	SL	212	TP-017	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 24.0 INCH	24	0	3
455	SL	212	TP-XX3	PIPE, B-36.10, ASTM A 106 GR.B, PE, SEAMLESS, IBR, 1.5 INCH, XS	1.5	0	8
456	SL	212	TP-XX3	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 1.5 INCH, XS	1.5	0	16
457	SL	212	TP-XX3	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, IBR, 1.5 INCH	1.5	0	16
458	SL	212	TP-XX3	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, IBR, 1.5 INCH	1.5	0	16
459	SL	212	TP-XX3	SOCKOLET, MSS-SP97, ASTM A 105 (NORMALISED), SW, 3000, IBR, 24.0 INCH, 1.5 INCH	24	1.5	16
460	SL	212	TP-XX3	VLV.GATE, SHEET 510AB, IBR, 1.5 INCH	1.5	0	16
461	SL	212	TP-XX3	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.5 INCH X 3.25 INCH	0.5	0	64
462	SL	212	TP-XX3	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 1.5 INCH	1.5	0	32
463	WB	212	TP-018	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, IBR, 3.0 INCH, XS	3	0	11.7
464	WB	212	TP-018	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, IBR, 10.0 INCH, STD	10	0	0.152
465	WB	212	TP-018	REINF.PAD, ASTM A 106 GR.B, IBR, 10.0 INCH, STD, 3.0 INCH	10	3	1
466	WB	212	TP-018	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 300, RF/125AARH, IBR, 3.0 INCH, XS	3	0	1
467	WB	212	TP-018	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 300, RF/125AARH, IBR, 3.0 INCH	3	0	1
468	WB	212	TP-018	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 300, FF/125AARH, IBR, 3.0 INCH	3	0	1
469	WB	212	TP-018	ELBOW.90, B-16.9, ASTM A 234 GR.WPB, BW, 1.5D, IBR, 3.0 INCH, XS	3	0	1

470	WB	212	TP-018	VLV.GATE, SHEET 514AB, IBR, 3.0 INCH	3	0	1
471	WB	212	TP-018	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.75 INCH X 4.75 INCH	0.75	0	8
472	WB	212	TP-018	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.75 INCH X 4.25 INCH	0.75	0	8
473	WB	212	TP-018	GASKET, B-16.20-ANSI B16.5, SP.WND SS316+GRAFIL+ I RING, SPIRAL, 300, 3.0 INCH	3	0	3
474	WB	212	TP-019	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, IBR, 6.0 INCH, S120	6	0	5
475	WB	212	TP-019	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 600, RF/125AARH, IBR, 6.0 INCH, S120	6	0	3
476	WB	212	TP-019	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 600, RF/125AARH, IBR, 6.0 INCH	6	0	1
477	WB	212	TP-019	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 600, FF/125AARH, IBR, 6.0 INCH	6	0	1
478	WB	212	TP-019	ELBOW.90, B-16.9, ASTM A 234 GR.WPB, BW, 1.5D, IBR, 6.0 INCH, S120	6	0	1
479	WB	212	TP-019	T.RED, B-16.9, ASTM A 234 GR.WPB, BW, IBR, 8.0 INCH, S100, 6.0 INCH, S120	8	6	1
480	WB	212	TP-019	T.RED, B-16.9, ASTM A 234 GR.WPB, BW, IBR, 10.0 INCH, S100, 6.0 INCH, S120	10	6	1
481	WB	212	TP-019	VLV.GATE, SHEET 515AB, IBR, 6.0 INCH	6	0	2
482	WB	212	TP-019	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.0 INCH X 7.75 INCH	1	0	36
483	WB	212	TP-019	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.0 INCH X 8.75 INCH	1	0	12
485	WB	212	TP-019	GASKET, B-16.20-ANSI B16.5, SP.WND SS316L+GRAFIL+ I RING, SPIRAL, 600, 6.0 INCH	6	0	5
486	WB	212	TP-033	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, IBR, 6.0 INCH, S120	6	0	13.5
487	WB	212	TP-033	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 600, RF/125AARH, IBR, 6.0 INCH, S120	6	0	3
488	WB	212	TP-033	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 600, RF/125AARH, IBR, 6.0 INCH	6	0	1
489	WB	212	TP-033	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 600, FF/125AARH, IBR, 6.0 INCH	6	0	1
490	WB	212	TP-033	ELBOW.90, B-16.9, ASTM A 234 GR.WPB, BW, 1.5D, IBR, 6.0 INCH, S120	6	0	1
491	WB	212	TP-033	T.RED, B-16.9, ASTM A 234 GR.WPB, BW, IBR, 8.0 INCH, S100, 6.0 INCH, S120	8	6	1
492	WB	212	TP-033	T.RED, B-16.9, ASTM A 234 GR.WPB, BW, IBR, 10.0 INCH, S100, 6.0 INCH, S120	10	6	1
493	WB	212	TP-033	VLV.GATE, SHEET 515AB, IBR, 6.0 INCH	6	0	2
494	WB	212	TP-033	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.0 INCH X 7.75 INCH	1	0	36
495	WB	212	TP-033	BOLT.STUD WITH 3 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 1.0 INCH X 8.75 INCH	1	0	12
497	WB	212	TP-033	GASKET, B-16.20-ANSI B16.5, SP.WND SS316L+GRAFIL+ I RING, SPIRAL, 600, 6.0 INCH	6	0	5
498	WCR	212	TP-044	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, 6.0 INCH, STD	6	0	6
499	WCR	212	TP-044	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 6.0 INCH, STD	6	0	1
500	WCR	212	TP-044	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 6.0 INCH	6	0	1
501	WCR	212	TP-044	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, 6.0 INCH	6	0	1
502	WCR	212	TP-044	ELBOW.90, B-16.9, ASTM A 234 GR.WPB, BW, 1.5D, 6.0 INCH, STD	6	0	1
503	WCR	212	TP-044	VLV.BTRFLY, SHEET 563DA, 6.0 INCH	6	0	1
504	WCR	212	TP-044	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.75 INCH X 4.75 INCH	0.75	0	8
505	WCR	212	TP-044	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.75 INCH X 4 INCH	0.75	0	8
507	WCR	212	TP-044	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 6.0 INCH	6	0	3
508	WCS	212	TP-043	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, 6.0 INCH, STD	6	0	6
509	WCS	212	TP-043	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 6.0 INCH, STD	6	0	1
510	WCS	212	TP-043	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 6.0 INCH	6	0	1
511	WCS	212	TP-043	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, 6.0 INCH	6	0	1
512	WCS	212	TP-043	ELBOW.90, B-16.9, ASTM A 234 GR.WPB, BW, 1.5D, 6.0 INCH, STD	6	0	1
513	WCS	212	TP-043	VLV.BTRFLY, SHEET 563DA, 6.0 INCH	6	0	1
514	WCS	212	TP-043	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.75 INCH X 4.75 INCH	0.75	0	8
515	WCS	212	TP-043	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.75 INCH X 4 INCH	0.75	0	8
517	WCS	212	TP-043	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 6.0 INCH	6	0	3
518	WDK	212	TP-014	PIPE, B-36.10, ASTM A 106 GR.B(GALV), BE, SEAMLESS, 3.0 INCH, STD	3	0	4.4
519	WDK	212	TP-014	FLNG.SO, B-16.5, ASTM A 105 N (GALV.), 150, FF/125AARH, 3.0 INCH	3	0	1
520	WDK	212	TP-014	FLNG.BLIND, B-16.5, ASTM A 105 N (GALV.), 150, FF/125AARH, 3.0 INCH	3	0	1
521	WDK	212	TP-014	FLNG.FIG.8, ASME-B16.48, ASTM A 516N Gr.70 (GALV.), 150, FF/125AARH, 3.0 INCH	3	0	1
522	WDK	212	TP-014	ELBOW.90, B-16.9, ASTM A 234 GR.WPB(GALV), BW, 1.5D, 3.0 INCH, STD	3	0	1
523	WDK	212	TP-014	T.RED, B-16.9, ASTM A 234 GR.WPB(GALV), BW, 6.0 INCH, STD, 3.0 INCH, STD	6	3	1
524	WDK	212	TP-014	VLV.GATE, SHEET 513FE, 3.0 INCH	3	0	1
525	WDK	212	TP-014	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7(GALV), A194 2H(GALV), 0.625 INCH X 3.75 INCH	0.625	0	4
526	WDK	212	TP-014	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7(GALV), A194 2H(GALV), 0.625 INCH X 4.0 INCH	0.625	4	4
527	WDK	212	TP-014	GASKET, B-16.21-ANSI B16.5, NONASB. SYN FIBRE+ RUBR BINDER, FULLFACE, 150, 3.0 INCH, 2 MM	3	0	3
528	WDK	212	TP-030	PIPE, B-36.10, ASTM A 106 GR.B(GALV), BE, SEAMLESS, 3.0 INCH, STD	3	0	11.1
529	WDK	212	TP-030	FLNG.SO, B-16.5, ASTM A 105 N (GALV.), 150, FF/125AARH, 3.0 INCH	3	0	1

530	WDK	212	TP-030	FLNG.BLIND, B-16.5, ASTM A 105 N (GALV.), 150, FF/125AARH, 3.0 INCH	3	0	1
531	WDK	212	TP-030	FLNG.FIG.8, ASME-B16.48, ASTM A 516N Gr.70 (GALV.), 150, FF/125AARH, 3.0 INCH	3	0	1
532	WDK	212	TP-030	ELBOW.90, B-16.9, ASTM A 234 GR.WPB(GALV), BW, 1.5D, 3.0 INCH, STD	3	0	1
533	WDK	212	TP-030	T.RED, B-16.9, ASTM A 234 GR.WPB(GALV), BW, 6.0 INCH, STD, 3.0 INCH, STD	6	3	1
534	WDK	212	TP-030	VLV.GATE, SHEET 513FE, 3.0 INCH	3	0	1
535	WDK	212	TP-030	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7(GALV), A194 2H(GALV), 0.625 INCH X 3.75 INCH	0.625	0	4
536	WDK	212	TP-030	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7(GALV), A194 2H(GALV), 0.625 INCH X 4.0 INCH	0.625	4	4
537	WDK	212	TP-030	GASKET, B-16.21-ANSI B16.5, NONASB. SYN FIBRE+ RUBR BINDER, FULLFACE, 150, 3.0 INCH, 2 MM	3	0	3
538	WDM	212	TP-XX1	PIPE, B-36.19, ASTM A 312 TP304L, BE, SEAMLESS, 2.0 INCH, 40S	2	0	12
539	WDM	212	TP-XX1	PIPE, B-36.19, ASTM A 358 TP304L CL.1, BE, E.FS.W, 14.0 INCH, 10S	14	0	0.102
540	WDM	212	TP-XX1	REINF.PAD, ASTM A 358 TP304L CL.1, 14.0 INCH, 10S, 2.0 INCH	14	2	1
541	WDM	212	TP-XX1	FLNG.WN, B-16.5, ASTM A 182 GR.F304L, 150, RF/125AARH, 2.0 INCH, 40S	2	0	1
542	WDM	212	TP-XX1	FLNG.BLIND, B-16.5, ASTM A 182 GR.F304L, 150, RF/125AARH, 2.0 INCH	2	0	1
543	WDM	212	TP-XX1	FLNG.FIG.8, ASME-B16.48, ASTM A 240 GR.304L, 150, FF/125AARH, 2.0 INCH	2	0	1
544	WDM	212	TP-XX1	ELBOW.90, B-16.9, ASTM A 403 GR.WP304L-S, BW, 1.5D, 2.0 INCH, 40S	2	0	1
545	WDM	212	TP-XX1	VLV.GATE, SHEET 513AL, 2.0 INCH	2	0	1
546	WDM	212	TP-XX1	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.625 INCH X 3.75 INCH	0.625	0	4
547	WDM	212	TP-XX1	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.625 INCH X 3.25 INCH	0.625	0	4
548	WDM	212	TP-XX1	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 2.0 INCH	2	0	3
549	WDM	212	TP-XX2	PIPE, B-36.19, ASTM A 312 TP304L, BE, SEAMLESS, 2.0 INCH, 40S	2	0	4.5
550	WDM	212	TP-XX2	PIPE, B-36.19, ASTM A 358 TP304L CL.1, BE, E.FS.W, 14.0 INCH, 10S	14	0	0.102
551	WDM	212	TP-XX2	REINF.PAD, ASTM A 358 TP304L CL.1, 14.0 INCH, 10S, 2.0 INCH	14	2	1
552	WDM	212	TP-XX2	FLNG.WN, B-16.5, ASTM A 182 GR.F304L, 150, RF/125AARH, 2.0 INCH, 40S	2	0	1
553	WDM	212	TP-XX2	FLNG.BLIND, B-16.5, ASTM A 182 GR.F304L, 150, RF/125AARH, 2.0 INCH	2	0	1
554	WDM	212	TP-XX2	FLNG.FIG.8, ASME-B16.48, ASTM A 240 GR.304L, 150, FF/125AARH, 2.0 INCH	2	0	1
555	WDM	212	TP-XX2	ELBOW.90, B-16.9, ASTM A 403 GR.WP304L-S, BW, 1.5D, 2.0 INCH, 40S	2	0	1
556	WDM	212	TP-XX2	VLV.GATE, SHEET 513AL, 2.0 INCH	2	0	1
557	WDM	212	TP-XX2	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.625 INCH X 3.75 INCH	0.625	0	4
558	WDM	212	TP-XX2	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.625 INCH X 3.25 INCH	0.625	0	4
559	WDM	212	TP-XX2	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 2.0 INCH	2	0	3
560	WP	211	TP-002	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, NAC6, 3.0 INCH, S160	3	0	3.9
561	WP	211	TP-002	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, NAC6, 10.0 INCH, XS	10	0	0.152
562	WP	211	TP-002	REINF.PAD, ASTM A 106 GR.B, NAC6, 10.0 INCH, XS, 3.0 INCH	10	3	1
563	WP	211	TP-002	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 300, RF/125AARH, NAC6, 3.0 INCH, S160	3	0	1
564	WP	211	TP-002	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 300, RF/125AARH, NAC6, 3.0 INCH	3	0	1
565	WP	211	TP-002	FLNG.FIG.8, ASME-B16.48, ASTM A 105 (NORMALISED), 300, FF/125AARH, NAC6, 3.0 INCH	3	0	1
566	WP	211	TP-002	ELBOW.90, B-16.9, ASTM A 234 GR.WPB, BW, 1.5D, NAC6, 3.0 INCH, S160	3	0	1
567	WP	211	TP-002	VLV.GATE, SHEET 514VC, NAC6, 3.0 INCH	3	0	1
568	WP	211	TP-002	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NAC6, 0.75 INCH X 4.25 INCH	0.75	4.25	8
569	WP	211	TP-002	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7M, A194 GR.2HM, NAC6, 0.75 INCH X 4.75 INCH	0.75	4.75	8
570	WP	211	TP-002	GASKET, B-16.20-ANSI B16.5, SP.WND SS316+GRAFIL, SPIRAL, 300, NAC6, 3.0 INCH	3	0	3
571	WS	212	TP-013	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, 3.0 INCH, STD	3	0	10
572	WS	212	TP-013	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 3.0 INCH, STD	3	0	1
573	WS	212	TP-013	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 3.0 INCH	3	0	1
574	WS	212	TP-013	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, 3.0 INCH	3	0	1
575	WS	212	TP-013	ELBOW.90, B-16.9, ASTM A 234 GR.WPB, BW, 1.5D, 3.0 INCH, STD	3	0	1
576	WS	212	TP-013	VLV.GATE, SHEET 513DA, 3.0 INCH	3	0	1
577	WS	212	TP-013	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.625 INCH X 4 INCH	0.625	0	4
578	WS	212	TP-013	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.625 INCH X 3.75 INCH	0.625	0	4
579	WS	212	TP-013	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 3.0 INCH	3	0	3
580	WS	212	TP-029	PIPE, B-36.10, ASTM A 106 GR.B, BE, SEAMLESS, 3.0 INCH, STD	3	0	5.6
581	WS	212	TP-029	FLNG.WN, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 3.0 INCH, STD	3	0	1
582	WS	212	TP-029	FLNG.BLIND, B-16.5, ASTM A 105 (NORMALISED), 150, RF/125AARH, 3.0 INCH	3	0	1
583	WS	212	TP-029	FLNG.FIG.8, ASME-B16.48, ASTM A 516 GR.70(NORMALISED), 150, FF/125AARH, 3.0 INCH	3	0	1
584	WS	212	TP-029	ELBOW.90, B-16.9, ASTM A 234 GR.WPB, BW, 1.5D, 3.0 INCH, STD	3	0	1
585	WS	212	TP-029	VLV.GATE, SHEET 513DA, 3.0 INCH	3	0	1

586	WS	212	TP-029	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.625 INCH X 4 INCH	0.625	0	4
587	WS	212	TP-029	BOLT.STUD WITH 2 NUTS, B-18.2, A193 GR.B7, A194 GR.2H, 0.625 INCH X 3.75 INCH	0.625	0	4
588	WS	212	TP-029	GASKET, B-16.20-ANSI B16.5, LS SP.WND SS316+FLEX GRAFIL+IR, SPIRAL, 150, 3.0 INCH	3	0	3