

#	CATEGORY	LINE NUMBER	PIPESPEC	POS	QTY	DN	DESCRIPTION	MATERIAL
1	PIPE	BGA-09-001-BOM	SS2		1 37.3M	200	PIPE, WELDED	AISI 316L
2	FITTINGS	BGA-09-001-BOM	SS2		2 6	200	ELBOW 90, WELDED, 3D, TYP A, BW	AISI 316L
3	FITTINGS	BGA-09-001-BOM	SS2		3 1	200	ELBOW 45, WELDED, 3D, TYP A, BW	AISI 316L
4	FLANGES	BGA-09-001-BOM	SS2		4 2	200	FLANGE WN, PN16, RF, TYP B1	AISI 316L
5	FASTENERS	BGA-09-001-BOM	SS2		5 8	200	BOLT SET, STUD BOLT, HEX NUT, PN16	A4
6	FASTENERS	BGA-09-001-BOM	SS2		6 1	200	GASKET, PN16, RF, TYP B1	METAFLEX GRAPHITE/316
7	PIPE SUPPORTS	BGA-09-001-BOM	SS2		7 7	200	PIPE SHOE W/2 CLAMPS, L=300, H=100	HDG/AISI 316L
8	PIPE	BGA-09-002-BOM	SS2		1 85.3M	200	PIPE, WELDED	AISI 316L
9	FITTINGS	BGA-09-002-BOM	SS2		2 13	200	ELBOW 90, WELDED, 3D, TYP A, BW	AISI 316L
10	FLANGES	BGA-09-002-BOM	SS2		3 2	200	FLANGE WN, PN16, RF, TYP B1	AISI 316L
11	FASTENERS	BGA-09-002-BOM	SS2		4 8	200	BOLT SET, STUD BOLT, HEX NUT, PN16	A4
12	FASTENERS	BGA-09-002-BOM	SS2		5 1	200	GASKET, PN16, RF, TYP B1	METAFLEX GRAPHITE/316
13	PIPE SUPPORTS	BGA-09-002-BOM	SS2		6 15	200	PIPE SHOE W/2 CLAMPS, L=300, H=100	HDG/AISI 316L
14	PIPE	BMT-09-001-BOM	SS1		1 21.3M	25	PIPE, WELDED	AISI 316L
15	FITTINGS	BMT-09-001-BOM	SS1		2 4	25	ELBOW 90, WELDED, 3D, TYP A, BW	AISI 316L
16	PIPE SUPPORTS	BMT-09-001-BOM	SS1		3 9	25	PIPE SHOE W/2 CLAMPS, L=200, H=100	HDG/AISI 316L
17	PIPE	BMT-09-002-BOM	SS1		1 0.1M	40	PIPE, WELDED, NPT	AISI 316L
18	PIPE	BMT-09-002-BOM	SS1		2 24.5M	80	PIPE, WELDED, NPT	AISI 316L
19	FITTINGS	BMT-09-002-BOM	SS1		3 1	40	CAP, THREADED, NPT, ND 40	AISI 316L
20	FITTINGS	BMT-09-002-BOM	SS1		4 8	80	ELBOW 90, WELDED, 3D, TYP A, BW	AISI 316L
21	FITTINGS	BMT-09-002-BOM	SS1		5 1 80X40	80	TEE, REDUCED, WELDED, TYP B, BW	AISI 316L
22	FITTINGS	BMT-09-002-BOM	SS1		6 1	80	TEE, EQUAL, WELDED, TYP B, BW	AISI 316L
23	FLANGES	BMT-09-002-BOM	SS1		7 3	80	FLANGE WN, PN16, RF, TYP B1	AISI 316L
24	FASTENERS	BMT-09-002-BOM	SS1		8 8	80	BOLT SET, STUD BOLT, HEX NUT, PN16	A4
25	FASTENERS	BMT-09-002-BOM	SS1		9 1	80	GASKET, PN16, RF, TYP B1	METAFLEX GRAPHITE/316
26	PIPE SUPPORTS	BMT-09-002-BOM	SS1		10 8	80	PIPE SHOE W/2 CLAMPS, L=200, H=100	HDG/AISI 316L
27	PIPE	BMT-09-004-BOM	SS1		1 0.2M	80	PIPE, WELDED, NPT	AISI 316L
28	FITTINGS	BMT-09-004-BOM	SS1		2 2	80	ELBOW 90, WELDED, 3D, TYP A, BW	AISI 316L
29	FLANGES	BMT-09-004-BOM	SS1		3 2	80	FLANGE WN, PN16, RF, TYP B1	AISI 316L
30	FASTENERS	BMT-09-004-BOM	SS1		4 8	80	BOLT SET, STUD BOLT, HEX NUT, PN16	A4
31	FASTENERS	BMT-09-004-BOM	SS1		5 1	80	GASKET, PN16, RF, TYP B1	METAFLEX GRAPHITE/316
32	PIPE	BMT-09-005-1-BOM	SS1		1 0.1M	40	PIPE, WELDED, NPT	AISI 316L
33	PIPE	BMT-09-005-1-BOM	SS1		2 36.6M	80	PIPE, WELDED, NPT	AISI 316L
34	FITTINGS	BMT-09-005-1-BOM	SS1		3 1	40	CAP, THREADED, NPT, ND 40	AISI 316L
35	FITTINGS	BMT-09-005-1-BOM	SS1		4 4	80	ELBOW 90, WELDED, 3D, TYP A, BW	AISI 316L
36	FITTINGS	BMT-09-005-1-BOM	SS1		5 1 80X40	80	TEE, REDUCED, WELDED, TYP B, BW	AISI 316L
37	FITTINGS	BMT-09-005-1-BOM	SS1		6 1	80	TEE, EQUAL, WELDED, TYP B, BW	AISI 316L
38	FLANGES	BMT-09-005-1-BOM	SS1		7 2	80	FLANGE WN, PN16, RF, TYP B1	AISI 316L
39	PIPE SUPPORTS	BMT-09-005-1-BOM	SS1		8 12	80	PIPE SHOE W/2 CLAMPS, L=200, H=100	HDG/AISI 316L
40	PIPE	BMT-09-005-2-BOM	SS1		1 21.3M	80	PIPE, WELDED, NPT	AISI 316L
41	FITTINGS	BMT-09-005-2-BOM	SS1		2 5	80	ELBOW 90, WELDED, 3D, TYP A, BW	AISI 316L
42	FLANGES	BMT-09-005-2-BOM	SS1		3 1	80	FLANGE WN, PN16, RF, TYP B1	AISI 316L
43	PIPE SUPPORTS	BMT-09-005-2-BOM	SS1		4 7	80	PIPE SHOE W/2 CLAMPS, L=200, H=100	HDG/AISI 316L
44	PIPE	CON-09-001-BOM	SS1		1 0.1M	20	PIPE, WELDED, NPT	AISI 316L
45	PIPE	CON-09-001-BOM	SS1		2 45.3M	25	PIPE, WELDED	AISI 316L
46	FITTINGS	CON-09-001-BOM	SS1		3 1	20	CAP, THREADED, NPT, ND 20	AISI 316L
47	FITTINGS	CON-09-001-BOM	SS1		4 8	25	ELBOW 90, WELDED, 3D, TYP A, BW	AISI 316L
48	FITTINGS	CON-09-001-BOM	SS1		5 1 25X20	80	TEE, REDUCED, WELDED, TYP B, BW	AISI 316L
49	FLANGES	CON-09-001-BOM	SS1		6 2	25	FLANGE WN, PN16, RF, TYP B1	AISI 316L
50	PIPE SUPPORTS	CON-09-001-BOM	SS1		7 1	25	PIPE SHOE W/1 CLAMP, L=100, H=100	HDG/AISI 316L
51	PIPE	HRW-09-001-1-BOM	CS2		1 0.1M	40	PIPE, WELDED, NPT	P235GH
52	PIPE	HRW-09-001-1-BOM	CS2		2 57.1M	80	PIPE, WELDED, NPT	P235GH
53	FITTINGS	HRW-09-001-1-BOM	CS2		3 1	40	CAP, THREADED, NPT, ND 40	P235GH
54	FITTINGS	HRW-09-001-1-BOM	CS2		4 6	80	ELBOW 90, WELDED, 3D, TYP A, BW	P235GH
55	FITTINGS	HRW-09-001-1-BOM	CS2		5 1	80	ELBOW 45, WELDED, 3D, TYP A, BW	P235GH
56	FITTINGS	HRW-09-001-1-BOM	CS2		6 1 80X40	80	TEE, REDUCED, WELDED, TYP B, BW	P235GH
57	FLANGES	HRW-09-001-1-BOM	CS2		7 1	80	FLANGE WN, PN16, RF, TYP B1	P235GH
58	PIPE SUPPORTS	HRW-09-001-1-BOM	CS2		8 19	80	PIPE SHOE W/2 CLAMPS, L=200, H=145	HDG
59	PIPE	HRW-09-001-2-BOM	CS2		1 0.1M	20	PIPE, WELDED, NPT	P235GH
60	PIPE	HRW-09-001-2-BOM	CS2		2 30.2M	80	PIPE, WELDED, NPT	P235GH
61	FITTINGS	HRW-09-001-2-BOM	CS2		3 1	20	CAP, THREADED, NPT, ND 20	P235GH
62	FITTINGS	HRW-09-001-2-BOM	CS2		4 8	80	ELBOW 90, WELDED, 3D, TYP A, BW	P235GH
63	FITTINGS	HRW-09-001-2-BOM	CS2		5 1 40X20	80	REDUCER, CONCENTRIC, WELDED, TYP A, BW	P235GH
64	FITTINGS	HRW-09-001-2-BOM	CS2		6 1 80X40	80	TEE, REDUCED, WELDED, TYP B, BW	P235GH
65	PIPE SUPPORTS	HRW-09-001-2-BOM	CS2		7 11	80	PIPE SHOE W/2 CLAMPS, L=200, H=145	HDG
66	PIPE	HRW-09-001-3-BOM	CS2		1 0.1M	40	PIPE, WELDED, NPT	P235GH
67	PIPE	HRW-09-001-3-BOM	CS2		2 25.0M	80	PIPE, WELDED, NPT	P235GH
68	FITTINGS	HRW-09-001-3-BOM	CS2		3 1	40	CAP, THREADED, NPT, ND 40	P235GH
69	FITTINGS	HRW-09-001-3-BOM	CS2		4 4	80	ELBOW 90, WELDED, 3D, TYP A, BW	P235GH
70	FITTINGS	HRW-09-001-3-BOM	CS2		5 1 80X40	80	TEE, REDUCED, WELDED, TYP B, BW	P235GH
71	FLANGES	HRW-09-001-3-BOM	CS2		6 1	80	FLANGE WN, PN16, RF, TYP B1	P235GH
72	PIPE SUPPORTS	HRW-09-001-3-BOM	CS2		7 7	80	PIPE SHOE W/2 CLAMPS, L=200, H=145	HDG
73	PIPE	HRW-09-002-1-BOM	CS2		1 0.1M	20	PIPE, WELDED, NPT	P235GH
74	PIPE	HRW-09-002-1-BOM	CS2		2 58.3M	50	PIPE, WELDED, NPT	P235GH
75	FITTINGS	HRW-09-002-1-BOM	CS2		3 1	20	CAP, THREADED, NPT, ND 20	P235GH
76	FITTINGS	HRW-09-002-1-BOM	CS2		4 8	50	ELBOW 90, WELDED, 3D, TYP A, BW	P235GH
77	FITTINGS	HRW-09-002-1-BOM	CS2		5 1 50X20	80	TEE, REDUCED, WELDED, TYP B, BW	P235GH
78	FLANGES	HRW-09-002-1-BOM	CS2		6 1	50	FLANGE WN, PN16, RF, TYP B1	P235GH
79	PIPE SUPPORTS	HRW-09-002-1-BOM	CS2		7 19	50	PIPE SHOE W/2 CLAMPS, L=200, H=130	HDG
80	PIPE	HRW-09-002-2-BOM	CS2		1 0.1M	20	PIPE, WELDED, NPT	P235GH
81	PIPE	HRW-09-002-2-BOM	CS2		2 29.4M	50	PIPE, WELDED, NPT	P235GH
82	FITTINGS	HRW-09-002-2-BOM	CS2		3 1	20	CAP, THREADED, NPT, ND 20	P235GH
83	FITTINGS	HRW-09-002-2-BOM	CS2		4 7	50	ELBOW 90, WELDED, 3D, TYP A, BW	P235GH
84	FITTINGS	HRW-09-002-2-BOM	CS2		5 1 50X20	80	TEE, REDUCED, WELDED, TYP B, BW	P235GH
85	PIPE SUPPORTS	HRW-09-002-2-BOM	CS2		6 11	50	PIPE SHOE W/2 CLAMPS, L=200, H=130	HDG
86	PIPE	HRW-09-002-3-BOM	CS2		1 0.1M	20	PIPE, WELDED, NPT	P235GH
87	PIPE	HRW-09-002-3-BOM	CS2		2 23.5M	50	PIPE, WELDED, NPT	P235GH

88	FITTINGS	HRW-09-002-3-BOM	CS2	3	1	20	CAP, THREADED, NPT, ND 20	P235GH
89	FITTINGS	HRW-09-002-3-BOM	CS2	4	4	50	ELBOW 90, WELDED, 3D, TYP A, BW	P235GH
90	FITTINGS	HRW-09-002-3-BOM	CS2	5	1	50X20	TEE, REDUCED, WELDED, TYP B, BW	P235GH
91	FLANGES	HRW-09-002-3-BOM	CS2	6	1	50	FLANGE WN, PN16, RF, TYP B1	P235GH
92	PIPE SUPPORTS	HRW-09-002-3-BOM	CS2	7	7	50	PIPE SHOE W/2 CLAMPS, L=200, H=130	HDG
93	PIPE	HRW-09-003-1-BOM	CS2	1	0.1M	40	PIPE, WELDED, NPT	P235GH
94	PIPE	HRW-09-003-1-BOM	CS2	2	57.7M	80	PIPE, WELDED, NPT	P235GH
95	FITTINGS	HRW-09-003-1-BOM	CS2	3	1	40	CAP, THREADED, NPT, ND 40	P235GH
96	FITTINGS	HRW-09-003-1-BOM	CS2	4	6	80	ELBOW 90, WELDED, 3D, TYP A, BW	P235GH
97	FITTINGS	HRW-09-003-1-BOM	CS2	5	1	80X40	TEE, REDUCED, WELDED, TYP B, BW	P235GH
98	FLANGES	HRW-09-003-1-BOM	CS2	6	1	80	FLANGE WN, PN16, RF, TYP B1	P235GH
99	PIPE SUPPORTS	HRW-09-003-1-BOM	CS2	7	19	80	PIPE SHOE W/2 CLAMPS, L=200, H=145	HDG
100	PIPE	HRW-09-003-2-BOM	CS2	1	0.1M	20	PIPE, WELDED, NPT	P235GH
101	PIPE	HRW-09-003-2-BOM	CS2	2	30.2M	80	PIPE, WELDED, NPT	P235GH
102	FITTINGS	HRW-09-003-2-BOM	CS2	3	1	20	CAP, THREADED, NPT, ND 20	P235GH
103	FITTINGS	HRW-09-003-2-BOM	CS2	4	8	80	ELBOW 90, WELDED, 3D, TYP A, BW	P235GH
104	FITTINGS	HRW-09-003-2-BOM	CS2	5	1	40X20	REDUCER, CONCENTRIC, WELDED, TYP A, BW	P235GH
105	FITTINGS	HRW-09-003-2-BOM	CS2	6	1	80X40	TEE, REDUCED, WELDED, TYP B, BW	P235GH
106	PIPE SUPPORTS	HRW-09-003-2-BOM	CS2	7	11	80	PIPE SHOE W/2 CLAMPS, L=200, H=145	HDG
107	PIPE	HRW-09-003-3-BOM	CS2	1	0.1M	40	PIPE, WELDED, NPT	P235GH
108	PIPE	HRW-09-003-3-BOM	CS2	2	23.6M	80	PIPE, WELDED, NPT	P235GH
109	FITTINGS	HRW-09-003-3-BOM	CS2	3	1	40	CAP, THREADED, NPT, ND 40	P235GH
110	FITTINGS	HRW-09-003-3-BOM	CS2	4	3	80	ELBOW 90, WELDED, 3D, TYP A, BW	P235GH
111	FITTINGS	HRW-09-003-3-BOM	CS2	5	1	80	ELBOW 45, WELDED, 3D, TYP A, BW	P235GH
112	FITTINGS	HRW-09-003-3-BOM	CS2	6	1	80X40	TEE, REDUCED, WELDED, TYP B, BW	P235GH
113	FLANGES	HRW-09-003-3-BOM	CS2	7	1	80	FLANGE WN, PN16, RF, TYP B1	P235GH
114	PIPE SUPPORTS	HRW-09-003-3-BOM	CS2	8	7	80	PIPE SHOE W/2 CLAMPS, L=200, H=145	HDG
115	PIPE	HRW-09-004-1-BOM	CS2	1	0.1M	20	PIPE, WELDED, NPT	P235GH
116	PIPE	HRW-09-004-1-BOM	CS2	2	58.0M	50	PIPE, WELDED, NPT	P235GH
117	FITTINGS	HRW-09-004-1-BOM	CS2	3	1	20	CAP, THREADED, NPT, ND 20	P235GH
118	FITTINGS	HRW-09-004-1-BOM	CS2	4	8	50	ELBOW 90, WELDED, 3D, TYP A, BW	P235GH
119	FITTINGS	HRW-09-004-1-BOM	CS2	5	1	50X20	TEE, REDUCED, WELDED, TYP B, BW	P235GH
120	FLANGES	HRW-09-004-1-BOM	CS2	6	1	50	FLANGE WN, PN16, RF, TYP B1	P235GH
121	PIPE SUPPORTS	HRW-09-004-1-BOM	CS2	7	19	50	PIPE SHOE W/2 CLAMPS, L=200, H=130	HDG
122	PIPE	HRW-09-004-2-BOM	CS2	1	0.1M	20	PIPE, WELDED, NPT	P235GH
123	PIPE	HRW-09-004-2-BOM	CS2	2	30.4M	50	PIPE, WELDED, NPT	P235GH
124	FITTINGS	HRW-09-004-2-BOM	CS2	3	1	20	CAP, THREADED, NPT, ND 20	P235GH
125	FITTINGS	HRW-09-004-2-BOM	CS2	4	7	50	ELBOW 90, WELDED, 3D, TYP A, BW	P235GH
126	FITTINGS	HRW-09-004-2-BOM	CS2	5	1	50	ELBOW 45, WELDED, 3D, TYP A, BW	P235GH
127	FITTINGS	HRW-09-004-2-BOM	CS2	6	1	50X20	TEE, REDUCED, WELDED, TYP B, BW	P235GH
128	PIPE SUPPORTS	HRW-09-004-2-BOM	CS2	7	11	50	PIPE SHOE W/2 CLAMPS, L=200, H=130	HDG
129	PIPE	HRW-09-004-3-BOM	CS2	1	0.1M	20	PIPE, WELDED, NPT	P235GH
130	PIPE	HRW-09-004-3-BOM	CS2	2	22.2M	50	PIPE, WELDED, NPT	P235GH
131	FITTINGS	HRW-09-004-3-BOM	CS2	3	1	20	CAP, THREADED, NPT, ND 20	P235GH
132	FITTINGS	HRW-09-004-3-BOM	CS2	4	4	50	ELBOW 90, WELDED, 3D, TYP A, BW	P235GH
133	FITTINGS	HRW-09-004-3-BOM	CS2	5	1	50X20	TEE, REDUCED, WELDED, TYP B, BW	P235GH
134	FLANGES	HRW-09-004-3-BOM	CS2	6	1	50	FLANGE WN, PN16, RF, TYP B1	P235GH
135	PIPE SUPPORTS	HRW-09-004-3-BOM	CS2	7	7	50	PIPE SHOE W/2 CLAMPS, L=200, H=130	HDG
136	PIPE	STE-09-001-1-BOM	CS1	1	0.1M	40	PIPE, SEAMLESS, NPT	P235GH
137	PIPE	STE-09-001-1-BOM	CS1	2	23.2M	80	PIPE, SEAMLESS, NPT	P235GH
138	FITTINGS	STE-09-001-1-BOM	CS1	3	1	40	CAP, THREADED, NPT, ND 40	P235GH
139	FITTINGS	STE-09-001-1-BOM	CS1	4	6	80	ELBOW 90, SEAMLESS, 3D, TYP A, BW	P235GH
140	FITTINGS	STE-09-001-1-BOM	CS1	5	1	80X40	TEE, REDUCED, SEAMLESS, TYP B, BW	P235GH
141	FLANGES	STE-09-001-1-BOM	CS1	6	1	80	FLANGE WN, PN16, RF, TYP B1	P235GH
142	PIPE SUPPORTS	STE-09-001-1-BOM	CS1	7	6	80	PIPE SHOE W/2 CLAMPS, L=300, H=200	HDG
143	PIPE	STE-09-001-2-BOM	CS1	1	1.9M	40	PIPE, WELDED, NPT	P235GH
144	PIPE	STE-09-001-2-BOM	CS1	2	19.2M	80	PIPE, WELDED, NPT	P235GH
145	FITTINGS	STE-09-001-2-BOM	CS1	3	1	40	ELBOW 45, WELDED, 3D, TYP A, BW	P235GH
146	FITTINGS	STE-09-001-2-BOM	CS1	4	1	80	ELBOW 90, WELDED, 3D, TYP A, BW	P235GH
147	FITTINGS	STE-09-001-2-BOM	CS1	5	1	80X40	REDUCER, CONCENTRIC, WELDED, TYP A, BW	P235GH
148	FITTINGS	STE-09-001-2-BOM	CS1	6	1	80	TEE, EQUAL, WELDED, TYP B, BW	P235GH
149	VALVES	STE-09-001-2-BOM	CS1	7	1	40	BALL VALVE, BW	CARBON STEEL
150	PIPE SUPPORTS	STE-09-001-2-BOM	CS1	8	6	80	PIPE SHOE W/2 CLAMPS, L=300, H=200	HDG
151	PIPE	STE-09-001-3-BOM	CS1	1	0.1M	40	PIPE, WELDED, NPT	P235GH
152	PIPE	STE-09-001-3-BOM	CS1	2	16.5M	80	PIPE, WELDED, NPT	P235GH
153	FITTINGS	STE-09-001-3-BOM	CS1	3	1	40	CAP, THREADED, NPT, ND 40	P235GH
154	FITTINGS	STE-09-001-3-BOM	CS1	4	8	80	ELBOW 90, WELDED, 3D, TYP A, BW	P235GH
155	FITTINGS	STE-09-001-3-BOM	CS1	5	1	100X80	REDUCER, ECCENTRIC, WELDED, TYP A, BW	P235GH
156	FITTINGS	STE-09-001-3-BOM	CS1	6	1	80X40	TEE, REDUCED, WELDED, TYP B, BW	P235GH
157	FLANGES	STE-09-001-3-BOM	CS1	7	1	100	FLANGE WN, PN16, RF, TYP B1	P235GH
158	PIPE SUPPORTS	STE-09-001-3-BOM	CS1	8	5	80	PIPE SHOE W/2 CLAMPS, L=300, H=200	HDG

