



[1] DENOTES PIPE SPOOL NO  
[2] DENOTES PARTS LIST NO

SHOP WELD FIELD WELD SOCKET WELD SCREWED JOINT COMPN JOINT PIPE SUPPORT LAGGED PIPE TRACED PIPE

### FABRICATION - BILL OF MATERIALS

PT.NO	SIZE	DESCRIPTION	QTY
1	8	PIPE, CS A106 SML, GRD B, STD WT	11.1
2	8X8	TEE, EQ, CS A234 WPB, STD WT, BW	2
3	8X4	REDUCER ECC, CS A234 WPB, STD WT, BW	3
4	8X3	WELDOLET, BW, FRG CS A105, STD WT	1
5	8	ELBOW, 90 DEG, CS A234 WPB, STD WT, LR, BW	3
6	8	FLANGE, FRG CS A105N, 150LB, WN, RF, STD WT	3
7	4	FLANGE, FRG CS A105N, 150LB, WN, RF, STD WT	3
8	3	FLANGE, FRG CS A105N, 150LB, WN, RF, STD WT	1

### ERECTION - BILL OF MATERIALS

PT.NO	SIZE	DESCRIPTION	QTY
9	8	GASKET, 1.6mm THK, 150LB, COMPRESSED NON-ASBESTOS FIBRE TO BS 7531, TYPE KLINGERSIL C4430	2
10	4	GASKET, 1.6mm THK, 150LB, COMPRESSED NON-ASBESTOS FIBRE TO BS 7531, TYPE KLINGERSIL C4430	4
11	3	GASKET, 1.6mm THK, 150LB, COMPRESSED NON-ASBESTOS FIBRE TO BS 7531, TYPE KLINGERSIL C4430	1
12	3/4DxL110	3/4" STUD x 110mm LG ASTM A193 B7 (NUTS - ASTM A194 2H) HOT DIPPED GALV	16
13	5/8DxL90	5/8" STUD x 90mm LG ASTM A193 B7 (NUTS - ASTM A194 2H) HOT DIPPED GALV	36
14	4	BALL VALVE, FB, 150LB, BS531, A350 CS, ETV033	1
15	4	FLANGE, FRG CS A105N, 150LB, BLD, RF	1
16	8	PIPE SHOE	3

#### WELD LIST

No.	SIZE	TYPE	SPOOL	WELD ID
1	8"	BW		
2	8"	FW		
3	8"	FW		
4	8"	BW		
5	8"	BW		
6	8"	BW		
7	8"	BW		
8	8"	BW		
9	8"	FW		
10	3"	LET		
11	3"	BW		
12	8"	BW		
13	8"	BW		
14	8"	BW		
15	8"	BW		
16	8"	BW		
17	4"	BW		
18	8"	BW		
19	8"	BW		
20	8"	BW		
21	4"	BW		
22	8"	BW		
23	8"	BW		
24	4"	BW		

#### CUT LIST

CUT NO.	SIZE	LENGTH	END ONE	END TWO
A	8"	8380	BEVEL	BEVEL
B	8"	13	BEVEL	BEVEL
C	8"	1798	BEVEL	BEVEL
D	8"	387	BEVEL	BEVEL
E	8"	127	BEVEL	BEVEL
F	8"	264	BEVEL	BEVEL
G	8"	127	BEVEL	BEVEL