



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

SHOP WELD	FIELD WELD	SOCKET WELD	SCREWED JOINT	COMPJN JOINT	PIPE SUPPORT	LAGGED PIPE	TRACED PIPE
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FABRICATION – BILL OF MATERIALS

PT.NO	SIZE	DESCRIPTION	QTY
1	3	PIPE, CS A106 SML, GRD B, STD WT	1.9
2	3X2	TEE, RED, CS A234 WPB, STD WT, BW	1
3	3X1. 1/2	WELDOLET, BW, FRG CS A105, SCH XS	1
4	3	ELBOW, 90 DEG, CS A234 WPB, STD WT, LR, BW	1
5	3	ELBOW, 45 DEG, CS A234 WPB, STD WT, LR, BW	1
6	3	FLANGE, FRG CS A105N, 150LB, WN, RF, STD WT	4
7	2	FLANGE, FRG CS A105N, 150LB, WN, RF, STD WT	1
8	1. 1/2	FLANGE, FRG CS A105N, 150LB, WN, RF, SCH XS	1

ERECTION – BILL OF MATERIALS

PT.NO	SIZE	DESCRIPTION	QTY
9	3	GASKET, 1.6mm THK, 150LB, COMPRESSED NON-ASBESTOS FIBRE TO BS 7531, TYPE KLINGERSIL C4430	5
10	2	GASKET, 1.6mm THK, 150LB, COMPRESSED NON-ASBESTOS FIBRE TO BS 7531, TYPE KLINGERSIL C4430	1
11	1. 1/2	GASKET, 1.6mm THK, 150LB, COMPRESSED NON-ASBESTOS FIBRE TO BS 7531, TYPE KLINGERSIL C4430	1
12	5/8"xL90	5/8" STUD x 90mm LG ASTM A193 B7 (NUTS - ASTM A194 2H) HOT DIPPED GALV	20
13	5/8"xL85	5/8" STUD x 85mm LG ASTM A193 B7 (NUTS - ASTM A194 2H) HOT DIPPED GALV	4
14	1/2"xL70	1/2" STUD x 70mm LG ASTM A193 B7 (NUTS - ASTM A194 2H) HOT DIPPED GALV	4
15	3	BALL VALVE, FB, 150LB, BS531, A350 CS, ETV122	1
16	3	CHECK VALVE, 150LB, API 603, CS, ETV005	1
17	1. 1/2	TEMP. SWITCH TS P61, RF FLANGE, 150LB TS P61	1

WELD LIST

No.	SIZE	TYPE	SPOOL	WELD ID
1	3"	BW		
2	1. 1/2"	LET		
3	1. 1/2"	BW		
4	3"	BW		
5	2"	BW		
6	3"	BW		
7	3"	BW		
8	3"	BW		
9	3"	BW		
10	3"	BW		
11	3"	BW		
12	3"	BW		

CUT LIST

CUT NO.	SIZE	LENGTH	END ONE	END TWO
A	3"	209	BEVEL	BEVEL
B	3"	251	BEVEL	BEVEL
C	3"	551	BEVEL	BEVEL
D	3"	831	BEVEL	BEVEL