



FABRICATION MATERIALS

PT NO	COMPONENT DESCRIPTION	N.S. (INS)	CLASS	QTY
PIPE				
1	PIPE; SEAMLESS; ; BE; ; ASME B36.10 API 5L; GR. B OR ASTM A106; GR. B; NACE MR0175; STD	2	A	5.1M
FITTINGS				
2	TEE; EQUAL; SEAMLESS; BW; ; ASME B16.9 ASTM A234; GR. WPB; NACE MR0175; STDxSTD	2 x 2	A	1
3	ELBOW; 90DEG. LR; SEAMLESS; BW; ; ASME B16.9 ASTM A234; GR. WPB; NACE MR0175; STD	2	A	2
FLANGES				
4	FLANGE; ; WN; RF; 150#; ASME B16.5; SMOOTH FINISH RA 3.2 TO 6.3 MICRONS ASTM A105; NACE MR0175; ; STD	2	A	2
SUPPORTS				
5	PIPE SHOE HOLD DOWN PS13-50-A-0-0	2	-	2

ERECTION MATERIALS

PT NO	COMPONENT DESCRIPTION	N.S. (INS)	CLASS	QTY
FLANGES				
6	FLANGE; BLIND; ; RF; 150#; ASME B16.5; SMOOTH FINISH RA 3.2 TO 6.3 MICRONS ASTM A105; NACE MR0175; ;	2	A	1
GASKETS				
7	GASKET; SPIRAL WOUND; 4.4MM THK; 150#; ASME B16.20 WND; SS316; FLR: GRAPHITE; INNER & OUTER GUIDE RINGS: SS316; NACE MR0175	2	A	1
8	GASKET; OVAL RING; ; 1500#; ASME B16.20 SOFT IRON; ELECTROZINC PLATED; MAX. BHN 90; NACE MR0175	2	A	1
BOLTS				
9	85 STUD BOLT WITH HEAVY HEX. NUTS STUDS: ASTM A193-B7; NUTS: ASTM A194-2H FLUOROCARBON COATED WITH AMERI-COTE OR APPROVED EQUAL	5/8	A	8
VALVES / IN-LINE ITEMS				
10	VALVE; BALL; RB; FLANGED; RF; 150#; ; DATASHEET: A2R	2	A	1
SUPPORTS				
11	PIPE SHOE - SLOPING LINES PS05-50-A-100	2	-	2
12	INVERTED RIGHT ANGLE SUPPORT PS29-12-09	2	-	2
13	PIPE SHOE STOP PS11-50-0	2	-	1

NOTES:
1. COORDINATE REFERENCE FROM COLUMN B IS N 100,000 & COLUMN 2 IS E 100,000

DESIGN PRESS: 1380	kpag	DESIGN TEMP: 110/-29	°C
TEST PRESS: 2940	kpag	TEST WITH: Water	
RADIOGRAPHY: 100	%	STRESS RELIEVE: NO	
INSULATION SPEC: DHF-00-M-S-0002			
COATING SPEC: DHF-00-M-S-0003			
STRESS CATEGORY THIS LINE HAS BEEN STRESS ANALYSED DO NOT ALTER THE ROUTING/MODIFY THE SUPPORTS WITHOUT THE PRIOR APPROVAL OF RANHILL WORLEY			
P&ID REF: WHP-DH2-R-D-1065 & 1067			

REV	DATE	BY	DESCRIPTION	CHECK'D	WP APPR'D	VSP APPR'D	DATE
C0	29/05/09	HAZ	APPROVED FOR CONSTRUCTION	PSV/AH	EN		



DAI HUNG PETROLEUM OPERATING COMPANY
DAI HUNG OIL FIELD DEVELOPMENT PHASE 2



CAD File No.:	WHP-DH2-P-D-1059-SCD-1
WP Project No.:	04211244
Scale:	NTS

PLANT:	WELLHEAD PLATFORM - DH2		
PDMS LINE NO.:	SCD-2"-PL-A-1059-H-40		
Drawing No.:	WHP-DH2-P-D-1059-SCD-1	SHEET NO.:	1 OF 5
		REV.:	C0