



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	12	A	10.5M
FITTINGS				
2	REDUCER; ECCENTRIC; WELDED; BW; ASME B16.9 ASTM A234; GR. WPB; NACE MR0175; STDxSTD	20 x 12	A	1
3	TEE; EQUAL; SEAMLESS; BW; ASME B16.9 ASTM A234; GR. WPB; NACE MR0175; STDxSTD	12 x 12	A	1
4	TEE; REDUCING; SEAMLESS; BW; ASME B16.9 ASTM A234; GR. WPB; NACE MR0175; STDxSTD	12 x 10	A	1
5	WELDOLET; BW; MSS-SP-97 ASTM A105; NACE MR0175; STDxSTD	12 x 2	A	2
6	ELBOW; 45 DEG. LR; SEAMLESS; BW; ASME B16.9 ASTM A234; GR. WPB; NACE MR0175; STD	12	A	1
7	ELBOW; 90 DEG. LR; SEAMLESS; BW; ASME B16.9 ASTM A234; GR. WPB; NACE MR0175; STD	12	A	1
FLANGES				
8	FLANGE; WN; RF; 150#; ASME B16.5; SMOOTH FINISH RA 3.2 TO 6.3 MICRONS ASTM A105; NACE MR0175; STD	20	A	1
9	FLANGE; WN; RF; 150#; ASME B16.5; SMOOTH FINISH RA 3.2 TO 6.3 MICRONS ASTM A105; NACE MR0175; STD	12	A	2

ERECTION MATERIALS

PT NO	COMPONENT DESCRIPTION	N.S. (INS)	CLASS	QTY
GASKETS				
10	GASKET; SPIRAL WOUND; 4.4MM THK; 150#; ASME B16.20 WND; SS316; FLR: GRAPHITE; INNER & OUTER GUIDE RINGS: SS316; NACE MR0175	20	A	1
11	GASKET; SPIRAL WOUND; 4.4MM THK; 150#; ASME B16.20 WND; SS316; FLR: GRAPHITE; INNER & OUTER GUIDE RINGS: SS316; NACE MR0175	12	A	1
BOLTS				
12	160 STUD BOLT WITH HEAVY HEX. NUTS STUDS: ASTM A193-B7, NUTS: ASTM A194-2H FLUOROCARBON COATED WITH AMERI-COTE OR APPROVED EQUAL	1.1/8	A	20
13	120 STUD BOLT WITH HEAVY HEX. NUTS STUDS: ASTM A193-B7, NUTS: ASTM A194-2H FLUOROCARBON COATED WITH AMERI-COTE OR APPROVED EQUAL	7/8	A	12
SUPPORTS				
14	PIPE SHOE - SLOPING LINES PS05-300-A-100	12	-	2
15	PIPE SHOE GUIDE PS07-300-3	12	-	1
16	INVERTED GOAL POST PS26-60	12	-	1
17	PIPE SHOE - SLOPING LINES PS05-300-A-100-400	12	-	1
18	PIPE SHOE STOP PS11-300-3	12	-	1
19	RIGHT ANGLE SUPPORT (WELDED) PS28-51	12	-	1
20	INVERTED GOAL POST PS26-55	12	-	1

NOTES:

- COORDINATE REFERENCE FROM COLUMN B IS N 100,000 & COLUMN 2 IS E 100,000

DESIGN PRESS: 1034	kpag	DESIGN TEMP: 110/-29	°C
TEST PRESS: 2940	kpag	TEST WITH: Water	
RADIOGRAPHY: 100	%	STRESS RELIEVE: NO	
INSULATION SPEC: N/A			
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-1067 & 1068

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



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



CAD File No.:	WHP-DH2-P-D-5045-SCD-3
WP Project No.:	04211244
Scale:	NTS

PLANT:

WELLHEAD PLATFORM - DH2

PDMS LINE NO.:

SCD-12"-VH-A-5045

Drawing No.:

WHP-DH2-P-D-5045-SCD-3

SHEET NO.

3 OF 3

REV.

C0