



- NOTES:**
1. REGISTERED QUALITY CONTROL PROGRAM AQP 1084(S)
 2. EXTERIOR & INTERIOR OF PIPE TO BE FREE OF WELD SLAG, SPATTER, GREASE, MOISTURE, ETC.
 3. ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE NOTED.
 4. ALL PIPING CUT LENGTHS ARE CALCULATED WITH A (3 mm) WELD GAP.
 5. * 6" ADDED FOR SHOP FIT OF SPOOL.
 6. PRIME: DEVGUARD 4160 PRIMER*
 7. ALL TUBING TO BE 3/8" SS c/w SWAGelok FITTING.

FOUR(4) UNITS REQUIRED
 15627-ISO-02
 15630-ISO-02
 15631-ISO-02
 15632-ISO-02
 BOM FOR ONE(1) ISO ONLY

THIRD PIPING
 -SHOP RUN
 -SHOP CHECK
 -SHOP SUPPORT
 ON ASSEMBLY

BILL OF MATERIAL

MK	QTY	SIZE	SCHEDULE	DESCRIPTION	MATERIAL	S/F
PIPE						
1	1m	1 1/2"	80	PIPE SMLS - TBE (CIS)	A106 GR. B	S
2	1m	2"	80	PIPE SMLS - PCE/TOE (CIS)	A106 GR. B	S
3	1m	2"	80	PIPE SMLS	A106 GR. B	S
4	4m	3"	40	PIPE SMLS	A106 GR. B	S
FLANGES						
5	4	2"	300#	FLANGE RF	A105 GR. B	S/F
6	1	2"	300#	ORFCE SET RF/W	A105 GR. B	S
7	1	3"	300#	BLIND FLANGE RF	A105 GR. B	S
8	1	3"	300#	FLANGE RF WN	A105 GR. B	S
WELD FITTINGS						
9	6	2"	80	ELBOW 90 DEG LR BW	A234 GR. WPB	S
10	1	2" X 2"	80	STRAIGHT TEE BW	A234 GR. WPB	S
11	1	3"	40	ELBOW 90 DEG LR BW	A234 GR. WPB	S
12	2	3" X 2"	40#80	CONC REDUCER BW	A234 GR. WPB	S
13	4	3" X 2"	40#80	REDUCING TEE BW	A234 GR. WPB	S
14	1	3" X 3"	40	STRAIGHT TEE BW	A234 GR. WPB	S
SCREWED & SOCKET WELD FITTINGS						
15	1	1/2"	300#	PLUG SCREWED	A105 GR. B	S/F
16	1	1 1/2"	300#	FULL ORG SCREWED	A105 GR. B	S
17	1	3/4" ON 2"	300#	THREDOLET	A105 GR. B	S
18	1	2" X 1 1/2"	80	CONCENTRIC SWAGE - TBE	A106 GR. B	S
19	1	1/2" ON 3"	300#	THREDOLET	A105 GR. B	S
20	1	1/2" ON 3"	300#	THREDOLET	A105 GR. B	S
21	1	1/2"	80	WPLE - 7mm LG PCE/TOE	A106 GR. B	S
GASKETS						
23	1	3"	300#	GASKET RF 1/8" SPIRAL WOUND	304 SS	S
BOLTS						
24	1 SET	3/4" X 1/4"		STUD BOLTS CW/2 NUTS-8/SET	A193 B7/A194 2H	S/F
VALVES						
26	1	1/2"	1500#	BALL VALVE SCREWED	BALON	2" BA-2002 F
27	2	2"	3000#	BALL VALVE SCREWED	BALON	2" BA-2002 S
28	1	1 1/2"	300#	FLANGE RF THRD (V-CONE WATER)	A105 GR. B	S

LINE NUMBER	SPEC	PIPE CODE	NAME	QTY	UNIT	WELD PROCEDURE	188A.3
			PIPE WELDER	740	PIPS		
			ORIG. TEMP.	100F			
			TEST PRESS	1110	PSIG		
			WATERMARK	152			
			PAINT	SEE NOTE 5			
			WHEEL	NO			
			IMPACT TEST	NO			
			HEAT TREAT	NO			

PLATINUM Energy Services Corp.

CLIENT: ANADARKO CANADA CORPORATION
 CRANELAKE, NORTH

PROJECT: WELLPAD HEADER (16-19-14-23 W3M)
 ISOMETERIC

DATE: 05/12/09
 DRAWN BY: JB
 CHECKED BY: CDM
 APPROVED BY: BS

PROJECT NO: 15627-ISO-01
 SHEET NO: 15627-ISO-03
 SHEET NO: 15627-ISO-02
 SHEET: 1 OF 1

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