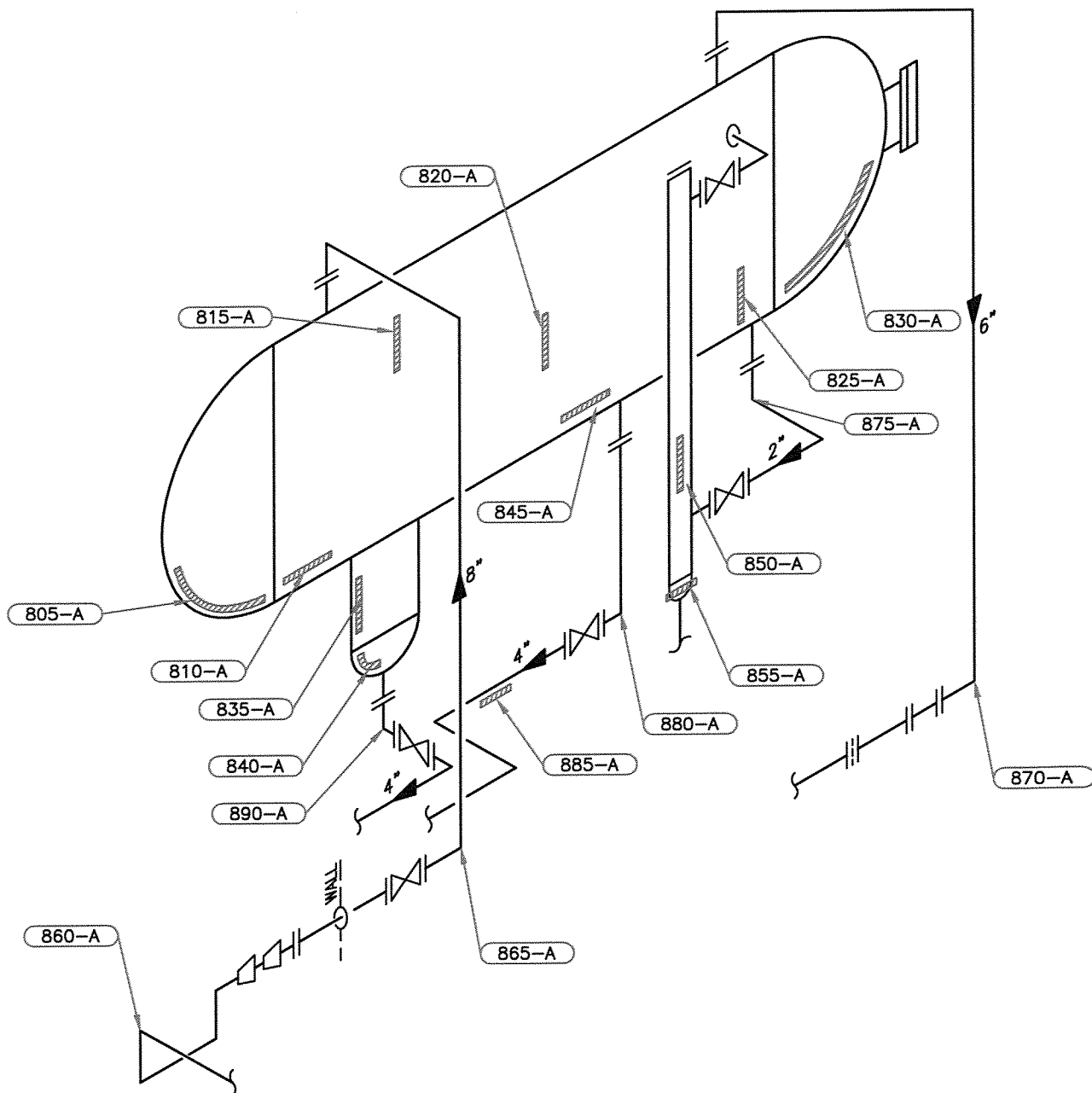




Equip. No. 50-0113-V-100 Prov. Reg. No. Ⓐ 516664 C.R.N. R 9125.213 Serial No. 138-02-04 Yr. Inst. NA
Code/Div. ASME VIII, Div.1 Size: NA Manufacturer: MAR-QUINN IND. LTD. Yr. Blt. 2004
C. Stamp: HT Service: SOUR PWHT: HT Radiography: RT-1 Insulated: NO

Design & Materials Data

HEAD: FITTINGS
Mat'l. SA 516 70N Nom. 33.3mm C.A. 3.2mm
Mat'l. _____ Nom. _____ C.A. _____
CHANNEL:
Material: _____ Nominal: _____ C.A. _____
BOOT
Head Mat'l. _____ Head Nom. _____ Head C.A. _____
Shell Mat'l. _____ Shell Nom. _____ Shell C.A. _____
SHELL
Material: SA 516 70N Nominal: 34.9mm C.A. 3.2mm
MAWP Shell Side: 5102 kPa @ Temp. 38°C
MAWP Tube Side: _____ @ Temp. _____

CLIENT **PETRO CANADA OIL AND GAS**

FACILITY **HANLAN ROBB GAS PLANT
MINEHEAD FIELD - UNIT #50
LSD 01-13-49-19 W5M**

ITEM **SOUR INLET SEPARATOR**

BY: EG

DATE: 01/2004

DWG.# 08A



UTS DATA

CLIENT: PETRO-CANADA OIL AND GAS

FACILITY: UNIT 50 MINEHEAD

EQUIPMENT: SOUR INLET SEPARATOR

SERVICE: SOUR

EQUIPMENT ID#: 50-0113-V-100

LOCATION: 01-13-49-19 W5M

PROV REG: A 516664

RTD JOB #: 2121176

TESTED ON STREAM

REFER TO DRAWING: 8A

Test Point	THICKNESS DATA						Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/
805A													
Description:	WEST HEAD												
	2005	1	2006	4	2007	5							
Min. Thick.	35.5		35.5		35.5		30.1	30.1	3.2	33.3	0	0	L
Average:	36.0		36.0		36.0						0	0	L
Analysis:	2005/01 MIN SCAN @ S.O.B.												
810A													
Description:	BOTTOM WEST SHELL												
	2005	1	2006	4	2007	5							
Min. Thick.	36.0		36.0		36.0		31.7	31.7	3.2	34.9	0	0	L
Average:	36.0		36.0		36.0						0	0	L
Analysis:													
815A													
Description:	UPPER WEST SHELL												
	2005	1	2006	4	2007	5							
Min. Thick.	36.0		36.0		36.0		31.7	31.7	3.2	34.9	0	0	L
Average:	36.0		36.0		36.0						0	0	L
Analysis:													
820A													
Description:	MID SHELL												
	2005	1	2006	4	2007	5							
Min. Thick.	36.0		36.0		36.0		31.7	31.7	3.2	34.9	0	0	L
Average:	36.0		36.0		36.0						0	0	L
Analysis:													
825A													
Description:	LOWER EAST SHELL												
	2005	1	2006	4	2007	5							
Min. Thick.	36.0		36.0		36.0		31.7	31.7	3.2	34.9	0	0	L
Average:	36.0		36.0		36.0						0	0	L
Analysis:													
830A													
Description:	EAST HEAD												
	2005	1	2006	4	2007	5							
Min. Thick.	35.2		35.2		35.2		30.1	30.1	3.2	33.3	0	0	L
Average:	35.7		35.6		35.6						0	.04	L
Analysis:	2005/01 MIN SCAN @ S.O.B.												



UTS DATA

CLIENT: PETRO-CANADA OIL AND GAS

FACILITY: UNIT 50 MINEHEAD

EQUIPMENT: SOUR INLET SEPARATOR

SERVICE: SOUR

EQUIPMENT ID#: 50-0113-V-100

LOCATION: 01-13-49-19 W5M

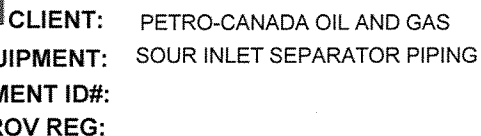
PROV REG: A 516664

RTD JOB #: 2121176

TESTED ON STREAM

REFER TO DRAWING: 8A

Test Point	THICKNESS DATA						Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
835A														
Description: SIDE SHELL ON BOOT														
	2005	1	2006	4	2007	5								
Min. Thick.	22.7		22.7		22.7		19.0	19.0	3.2	22.2	0	0	L	
Average:	22.7		22.8		22.8						0	0	S	
Analysis:														
840A														
Description: BOTTOM HEAD ON BOOT														
	2005	1	2006	4	2007	5								
Min. Thick.	21.2		20.8		20.8		19.0	19.0	3.2	22.2	0	.17	L	2017
Average:	21.5		21.2		21.2						0	.13	L	2024
Analysis:														
845A														
Description: EAST BOTTOM SHELL														
	2005	1	2006	4	2007	5								
Min. Thick.	36.0		36.0		36.0		31.7	31.7	3.2	34.9	0	0	L	
Average:	36.0		36.0		36.0						0	0	L	
Analysis:														
850A														
Description: SIDE SHELL ON FLOAT														
	2005	1	2006	4	2007	5								
Min. Thick.	11.0		10.8		10.8		7.8	7.8	3.2	11.0	0	.09	L	2042
Average:	11.0		11.0		11.0						0	0	L	
Analysis:														
855A														
Description: BOTTOM HEAD ON FLOAT														
	2005	1	2006	4	2007	5								
Min. Thick.	10.3		10.3		10.3		7.8	7.8	3.2	11.0	0	0	L	
Average:	11.3		10.8		10.8						0	.21	L	2021
Analysis:														



FACILITY: UNIT 50 MINEHEAD
SERVICE: SOUR
LOCATION: 01-13-49-19 W5M
RTD JOB #: 2121176

TESTED ON STREAM

REFER TO DRAWING: 8A

Test Point	THICKNESS DATA						Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/P
860A													
Description: 3" 90° ELBOW													
	2005	1	2006	4	2007	5							
Min. Thick.	6.8		6.8		6.8		2.5	2.5	5.1	7.6	0	0	L
Average:	7.0		7.0		7.0						0	0	L
Analysis:													
865A													
Description: 8" 90° ELBOW													
	2005	1	2006	4	2007	5							
Min. Thick.	11.0		10.9		10.9		4.1	4.1	8.6	12.7	0	.04	L
Average:	11.5		11.4		11.4						0	.04	L
Analysis: 2005/01 MIN SCAN @ MID BAND													
870A													
Description: 6" 90° ELBOW													
	2005	1	2006	4	2007	5							
Min. Thick.	9.7		9.7		9.7		3.1	3.1	7.9	11.0	0	0	L
Average:	10.0		10.0		10.8						0	0	L
Analysis:													
875A													
Description: 2" 90° ELBOW													
	2005	1	2006	4	2007	5							
Min. Thick.	4.8		4.8		4.8		2.5	2.5	3.0	5.5	0	0	L
Average:	5.1		5.1		5.1						0	0	L
Analysis:													
880A													
Description: 4" 90° ELBOW													
	2005	1	2006	4	2007	5							
Min. Thick.	8.2		8.2		8.2		2.5	2.5	6.1	8.6	0	0	L
Average:	8.4		8.4		8.4						0	0	L
Analysis:													
885A													
Description: BOTTOM BAND OF 4"													
	2005	1	2006	4	2007	5							
Min. Thick.	7.8		7.8		7.8		2.5	2.5	6.1	8.6	0	0	L
Average:	8.0		8.0		8.0						0	0	L
Analysis:													



UTS DATA

CLIENT: PETRO-CANADA OIL AND GAS

FACILITY: UNIT 50 MINEHEAD

EQUIPMENT: SOUR INLET SEPARATOR PIPING

SERVICE: SOUR

EQUIPMENT ID#:

LOCATION: 01-13-49-19 W5M

PROV REG:

RTD JOB #: 2121176

TESTED ON STREAM

REFER TO DRAWING: 8A

Test Point	THICKNESS DATA						Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py
890A													
Description: 4" 90° ELBOW													
	2005	1	2006	4	2007	5							
Min. Thick.	7.8		7.8		7.8		2.5	2.5	6.1	8.6	0	0	L
Average:	8.1		8.1		8.1						0	0	L
Analysis:													