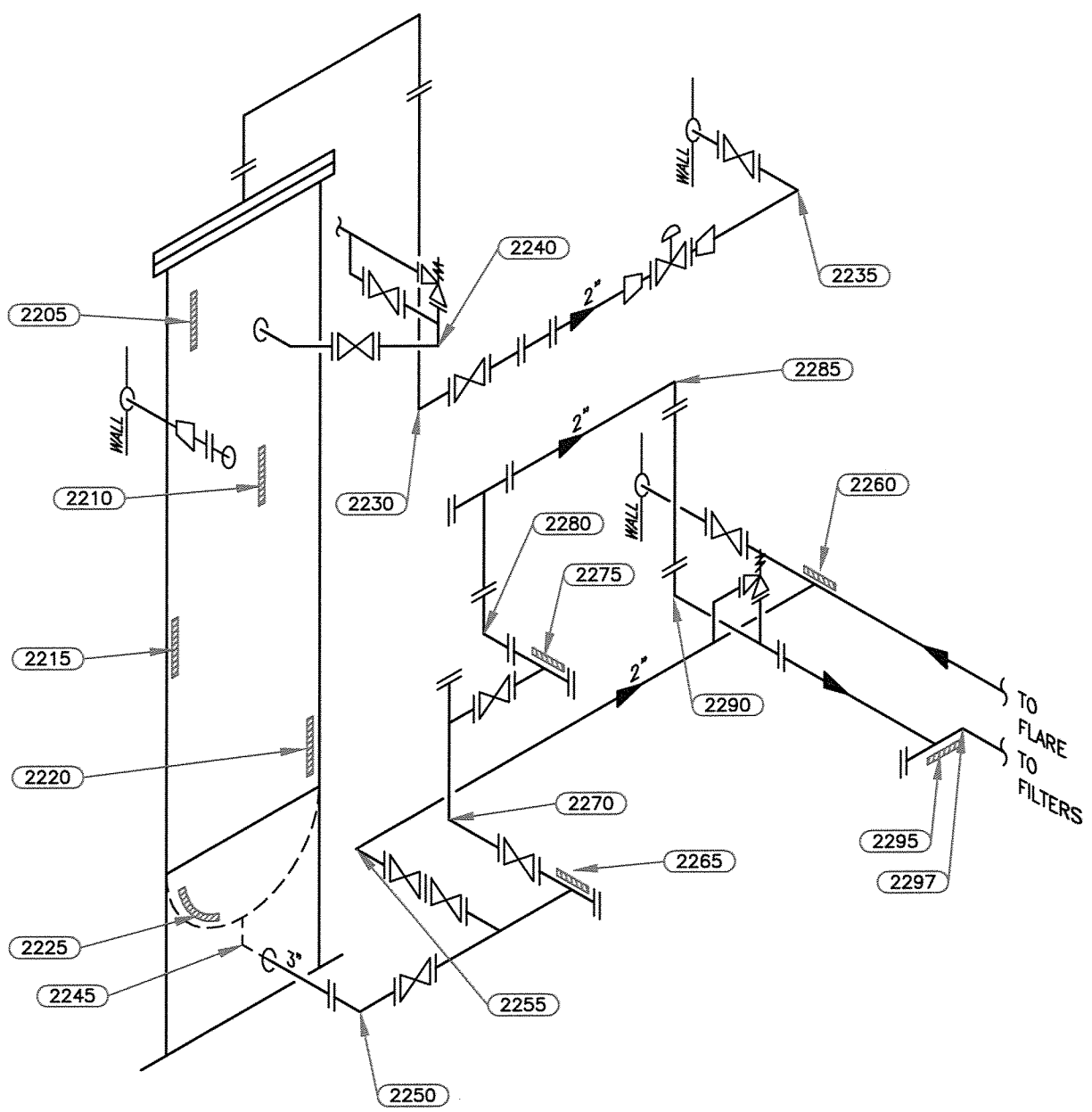


66146411



Equip. No. V-801 Prov. Reg. No. (A) 497953 C.R.N. R 4547.2 Serial No. B 7047-20 Yr. Inst. _____
 Code/Div. ASME Size: N/S Manufacturer: PRESSON Yr. Blt. 2004
 C. Stamp: U Service: SOUR PWHT: YES Radiography: RT-1 Insulated: NO

Design & Materials Data

HEAD:
 Mat'l. SA 516 70N Nom. 14.3mm C.A. 3.2mm
 Mat'l. SA 516 70N Nom. 14.3mm C.A. 3.2mm

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: 15.9mm C.A. 3.2mm
 MAWP Shell Side: 4654 kPa @ Temp. 93°C
 MAWP Tube Side: _____ @ Temp. _____

CLIENT	PETRO CANADA OIL AND GAS	
FACILITY	HANLAN-ROBB GAS PLANT MINEHEAD FIELD UNIT#50 LSD 05-07-49-18 W5M	
ITEM	PRODUCT WATER FLASH TANK	
BY: EG	DATE: 05/2004	DWG.# 22



UTS DATA

CLIENT: PETRO-CANADA OIL AND GAS

FACILITY: UNIT 50 MINEHEAD

EQUIPMENT: PRODUCED WATER FLASH TANK

SERVICE: SOUR

EQUIPMENT ID#: V-801

LOCATION: 05-07-49-18 W5M

PROV REG: A 497953

RTD JOB #: 2121176

TESTED ON STREAM

REFER TO DRAWING: 22

Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Fl De			
2205															
Description:	TOP SHELL														
	2004	7	2005	4	2006	4	2007	5							
Min. Thick.	16.3		16.3		16.3		16.3		12.7	12.7	3.2	15.9	0	0	L
Average:	16.4		16.4		16.4		16.4						0	0	L
Analysis:															
2210															
Description:	UPPER SHELL OPPOSITE I/L														
	2004	7	2005	4	2006	4	2007	5							
Min. Thick.	16.8		16.8		16.8		16.8		12.7	12.7	3.2	15.9	0	0	L
Average:	16.9		16.9		16.9		16.9						0	0	L
Analysis:															
2215															
Description:	MID SHELL														
	2004	7	2005	4	2006	4	2007	5							
Min. Thick.	16.6		16.6		16.6		16.6		12.7	12.7	3.2	15.9	0	0	L
Average:	16.7		16.7		16.7		16.7						0	0	L
Analysis:															
2220															
Description:	BOTTOM SHELL														
	2004	7	2005	4	2006	4	2007	5							
Min. Thick.	16.3		16.3		16.3		16.3		12.7	12.7	3.2	15.9	0	0	L
Average:	16.4		16.4		16.4		16.4						0	0	L
Analysis:															
2225															
Description:	BOTTOM HEAD														
	2004	7	2005	4	2006	4	2007	5							
Min. Thick.	15.4		15.4		15.4		15.4		11.1	11.1	3.2	14.3	0	0	L
Average:	15.6		15.6		15.7		15.7						0	0	S
Analysis:															
2245															
Description:	3" 90° ELBOW														
	2004	7	2005	4	2006	4	2007	5							
Min. Thick.	7.4		7.4		7.4		7.4		4.4	4.4	3.2	7.6	0	0	L
Average:	7.7		7.7		7.7		7.7						0	0	L
Analysis:															



UTS DATA

CLIENT: PETRO-CANADA OIL AND GAS
EQUIPMENT: PRODUCED H2O FLASH TANK PIPING
EQUIPMENT ID#:
PROV REG:

FACILITY: UNIT 50 MINEHEAD
SERVICE: SOUR
LOCATION: 05-07-49-18 W5M
RTD JOB #: 2121176
REFER TO DRAWING: 22

TESTED ON STREAM

Test Point	THICKNESS DATA								Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
2230																
Description: 2" 90° ELBOW																
	2004	7	2005	4	2006	4	2007	5								
Min. Thick.	4.8		4.8		4.8		4.8		2.5	2.5	3.0	5.5	0	0		L
Average:	5.0		5.0		5.0		5.0						0	0		L
Analysis:																
2235																
Description: 2" 90° ELBOW																
	2004	7	2005	4	2006	4	2007	5								
Min. Thick.	5.1		5.1		5.1		5.1		2.5	2.5	3.0	5.5	0	0		L
Average:	5.3		5.3		5.3		5.3						0	0		L
Analysis:																
2240																
Description: 2" 90° ELBOW																
	2004	7	2005	4	2006	4	2007	5								
Min. Thick.	5.3		5.3		5.3		5.3		2.5	2.5	3.0	5.5	0	0		L
Average:	5.5		5.5		5.5		5.5						0	0		L
Analysis:																
2250																
Description: 3" 90° ELBOW																
	2004	7	2005	4	2006	4	2007	5								
Min. Thick.	7.4		7.4		7.4		7.4		2.5	2.5	5.1	7.6	0	0		L
Average:	7.7		7.7		7.7		7.7						0	0		L
Analysis:																
2255																
Description: 2" 90° ELBOW																
	2004	7	2005	4	2006	4	2007	5								
Min. Thick.	4.9		4.9		4.9		4.9		2.5	2.5	3.0	5.5	0	0		L
Average:	5.1		5.1		5.1		5.1						0	0		L
Analysis:																
2260																
Description: 2" TEE																
	2004	7	2005	4	2006	4	2007	5								
Min. Thick.	6.8		6.8		6.8		6.8		2.5	2.5	3.0	5.5	0	0		L
Average:	7.8		7.8		7.8		7.8						0	0		L
Analysis: 2004/07 MIN SCAN @ D.S.W.																



UTS DATA

CLIENT: PETRO-CANADA OIL AND GAS
EQUIPMENT: PRODUCED H2O FLASH TANK PIPING
EQUIPMENT ID#:
PROV REG:

FACILITY: UNIT 50 MINEHEAD
SERVICE: SOUR
LOCATION: 05-07-49-18 W5M
RTD JOB #: 2121176

TESTED ON STREAM

REFER TO DRAWING: 22

Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date			
2265	Description: 3" TEE														
	2004	7	2005	4	2006	4	2007	5							
Min. Thick.	9.2		9.2		9.2		9.2		2.5	2.5	5.1	7.6	0	0	L
Average:	10.2		10.2		10.2		10.2						0	0	L
Analysis:	2004/07 MIN SCAN @ D.S.W.														
2270	Description: 2" 90° ELBOW														
	2004	7	2005	4	2006	4	2007	5							
Min. Thick.	4.8		4.8		4.8		4.8		2.5	2.5	3.0	5.5	0	0	L
Average:	5.1		5.1		5.1		5.1						0	0	L
Analysis:															
2275	Description: 2" TEE														
	2004	7	2005	4	2006	4	2007	5							
Min. Thick.	7.2		7.2		7.2		7.2		2.5	2.5	3.0	5.5	0	0	L
Average:	7.9		7.9		7.9		7.9						0	0	L
Analysis:	2004/07 MIN SCAN @ D.S.W.														
2280	Description: 2" 90° ELBOW														
	2004	7	2005	4	2006	4	2007	5							
Min. Thick.	4.8		4.8		4.8		4.8		2.5	2.5	3.0	5.5	0	0	L
Average:	5.1		5.1		5.1		5.1						0	0	L
Analysis:															
2285	Description: 2" 90° ELBOW														
	2004	7	2005	4	2006	4	2007	5							
Min. Thick.	4.9		4.9		4.9		4.9		2.5	2.5	3.0	5.5	0	0	L
Average:	5.1		5.1		5.1		5.1						0	0	L
Analysis:															
2290	Description: 2" 90° ELBOW														
	2004	7	2005	4	2006	4	2007	5							
Min. Thick.	4.5		4.5		4.5		4.5		2.5	2.5	3.0	5.5	0	0	L
Average:	4.7		4.7		4.7		4.7						0	0	L
Analysis:															



UTS DATA

CLIENT: PETRO-CANADA OIL AND GAS
EQUIPMENT: PRODUCED H2O FLASH TANK PIPING
EQUIPMENT ID#:
PROV REG:

FACILITY: UNIT 50 MINEHEAD
SERVICE: SOUR
LOCATION: 05-07-49-18 W5M
RTD JOB #: 2121176

TESTED ON STREAM

REFER TO DRAWING: 22

Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/p
------------	----------------	--	--	--	------	------	------	------	------------	-----------	-----------

2295

Description: 2" TEE

2004 7 2005 4 2006 4 2007 5

Min. Thick. 6.4 6.4 6.5 6.5 2.5 2.5 3.0 5.5 0 0 S

Average: 7.4 7.4 7.4 7.4 0 0 L

Analysis: 2004/07 MIN SCAN @ D.S.W.

2297

Description: 2" 90° ELBOW

2004 7 2005 4 2006 4 2007 5

Min. Thick. 4.4 4.4 4.4 4.4 2.5 2.5 3.0 5.5 0 0 L

Average: 4.7 4.7 4.7 4.7 0 0 L

Analysis: