



NO ACCESS TO TOP HEAD

Equip. No. \_\_\_\_\_ Prov. Reg. No. Ⓐ 414137 C.R.N. H-9427.12 Serial No. VS-7845 Yr. Inst. \_\_\_\_\_  
 Code/Div. ASME VIII, DIV 1 Size: 30in x 10ft Manufacturer: ARGO SALES Yr. Blt. 1996  
 C. Stamp: U Service: SOUR PWHT: HT Radiography: RT-1 Insulated: NO

**Design & Materials Data**

HEAD:  
 Top Mat'l. SA 516 70MJ Top Nom. 18.3mm Top C.A. 1.6mm  
 Btm. Mat'l. \_\_\_\_\_ Btm. Nom. \_\_\_\_\_ Btm. 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 70MJ Nominal: 19.1mm C.A. 1.6mm  
 MAWP Shell Side: 4964 kPa @ Temp. 38°C  
 MAWP Tube Side: \_\_\_\_\_ @ Temp. \_\_\_\_\_

CLIENT	CANADIAN NATURAL RESOURCES	
FACILITY	FLAT ROCK COMPRESSOR STATION LSD 05-02-85-17 W6M	
ITEM	INLET SEPARATOR	
BY: KB	DATE: 02/2011	DWG.# 1

## UTS DATA

**CLIENT:** CANADIAN NATURAL RESOURCES LTD  
**EQUIPMENT:** INLET SEPARATOR  
**CRN#:** H-9427.12  
**PROV REG:** A 414137  
**TESTED ON STREAM**

**FACILITY:** FLATROCK COMPRESSOR STATION  
**SERVICE:** SOUR  
**LOCATION:** 05-02-85-17 W6M  
**RTD JOB #:** 105.01610  
**REFER TO DRAWING:** 1

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/yr	Retirement Date
115												
Description:	UPPER SHELL											
	2011 2											
Min. Thick.	19.3				17.50		1.6	19.10				
Average:	19.6								0	0		
Analysis:												
120												
Description:	MID SHELL											
	2011 2											
Min. Thick.	19.5				17.50		1.6	19.10				
Average:	19.6								0	0		
Analysis:												
125												
Description:	LOWER SHELL											
	2011 2											
Min. Thick.	19.6				17.50		1.6	19.10				
Average:	19.7								0	0		
Analysis:												
130												
Description:	BOTTOM HEAD											
	2011 2											
Min. Thick.	20.5				16.70		1.6	18.30				
Average:	21								0	0		
Analysis:	2011/02 LIMITED SCAN ARE DUE TO HEAVY EXTERNAL CORROSION.											
135												
Description:	2" 90° NOZZLE											
	2011 2											
Min. Thick.	6.5				7.10	1.6	1.6	8.70				
Average:	6.8								0	0		2044
Analysis:	2011/02 LIMITED SCAN AREA DUE TO HEAVY EXTERNAL CORROSION.											

## UTS DATA

**CLIENT:** CANADIAN NATURAL RESOURCES LTD  
**EQUIPMENT:** INLET SEPARTOR PIPING  
**CRN#:**  
**PROV REG:**  
**TESTED ON STREAM**

**FACILITY:** FLATROCK COMPRESSOR STATION  
**SERVICE:** SOUR  
**LOCATION:** 05-02-85-17 W6M  
**RTD JOB #:** 105.01610  
**REFER TO DRAWING:** 1

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/yr	Retirement Date
105												
Description:	3" 90° ELBOW											
	2011 2											
Min. Thick.	7.7	6.65	1	7.60					0	0		
Average:	8.3											
Analysis:												
110												
Description:	3" 90° ELBOW											
	2011 2											
Min. Thick.	7	6.65	1	7.60					0	0		
Average:	7.3											
Analysis:												
140												
Description:	2" CIRC BAND											
	2011 2											
Min. Thick.	4.8	4.81	1.6	.7	5.50				0	0		
Average:	5.3											
Analysis:	2011/02 MIN SCAN AT 2:00 POSITION. RETIREMENT DATE: 2080											
145												
Description:	2" CIRC BAND											
	2011 2											
Min. Thick.	5	4.81		.7	5.50				0	0		
Average:	5.5											
Analysis:												
150												
Description:	3" 90° ELBOW											
	2011 2											
Min. Thick.	7	6.65	1	7.60					0	0		
Average:	7.4											
Analysis:												
155												
Description:	3" 90° ELBOW											
	2011 2											
Min. Thick.	7	6.65	1	7.60					0	0		
Average:	7.5											
Analysis:												

# UTS DATA

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EQUIPMENT: INLET SEPARTOR PIPING  
CRN#:  
PROV REG:  
TESTED ON STREAM

FACILITY: FLATROCK COMPRESSOR STATION  
SERVICE: SOUR  
LOCATION: 05-02-85-17 W6M  
RTD JOB #:105.01610  
REFER TO DRAWING: 1

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
160												
Description:	3" 90° ELBOW											
	2011 2											
Min. Thick.	7.3			6.65		1	7.60					
Average:	7.6								0	0		
Analysis:												