



Equip. No. \_\_\_\_\_ Prov. Reg. No.  $\text{\textcircled{A}}$  C 23331 \_\_\_\_\_ C.R.N. P-3216.21 \_\_\_\_\_ Serial No. 00-2163-1 \_\_\_\_\_ Yr. Inst. \_\_\_\_\_  
 Code/Div. ASME VIII, Div 1 \_\_\_\_\_ Size: 28in x 91in \_\_\_\_\_ Manufacturer: WELLS HALL MANUFACTURING \_\_\_\_\_ Yr. Bld. 2001 \_\_\_\_\_  
 C. Stamp: U \_\_\_\_\_ Service: GLYCOL \_\_\_\_\_ PWHT: HT \_\_\_\_\_ Radiography: RT-1 \_\_\_\_\_ Insulated: YES \_\_\_\_\_

**Design & Materials Data**

**HEAD:**  
 Mat'l. SA 36 \_\_\_\_\_ Nom. 6.4mm \_\_\_\_\_ C.A. 1.6mm \_\_\_\_\_  
 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 36 \_\_\_\_\_ Nominal: 7.9mm \_\_\_\_\_ C.A. 1.6mm \_\_\_\_\_

MAWP Shell Side: ATMOSPHERIC @ Temp. \_\_\_\_\_  
 MAWP Tube Side: 38783 kPa @ Temp. 93°C \_\_\_\_\_

CLIENT	CANADIAN NATURAL RESOURCES	
FACILITY	NORTH DAHL COMPRESSOR LSD b-61-H/94-H-7	
ITEM	LINE HEATER	
BY: TR	DATE: 06/2015	DWG.# 24

# UTS DATA

**CLIENT:** CANADIAN NATURAL RESOURCES  
**EQUIPMENT:** LINE HEATER  
**CRN#:** P-3216.21  
**PROV REG:** C 23331  
**TESTED ON STREAM**

**FACILITY:** NORTH DAHL COMPRESSOR  
**SERVICE:** SWEET  
**LOCATION:** b-61-H/94-H-7 W6M  
**RTD JOB #:** 10.116302  
**REFER TO DRAWING:** 24

Test Point	THICKNESS DATA			Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
2405											
Description:	HEAD										
	2015 6										
Min. Thick.	6.5			4.80		1.6	6.40				
Average:	6.6							0		0	
Analysis:											
2430											
Description:	SHELL										
	2015 6										
Min. Thick.	7.3			6.30		1.6	7.90				
Average:	7.4							0		0	
Analysis:											

# UTS DATA

**CLIENT:** CANADIAN NATURAL RESOURCES  
**EQUIPMENT:** LINE HEATER PIPING  
**CRN#:**  
**PROV REG:**  
**TESTED ON STREAM**

**FACILITY:** NORTH DAHL COMPRESSOR  
**SERVICE:** SWEET  
**LOCATION:** b-61-H/94-H-7 W6M  
**RTD JOB #:** 10.116302  
**REFER TO DRAWING:** 24

Test Point	THICKNESS DATA				Flag	T-Min	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Retirement Date
2410												
Description:	2" 90° ELBOW											
	2015 6											
Min. Thick.	11			9.71		1.4	11.10					
Average:	11.3							0	0			
Analysis:												
2415												
Description:	2" 90° ELBOW											
	2015 6											
Min. Thick.	5.5			4.81		.7	5.50					
Average:	5.7							0	0			
Analysis:												
2420												
Description:	2" 90° ELBOW											
	2015 6											
Min. Thick.	5.2			4.81		.7	5.50					
Average:	5.5							0	0			
Analysis:												
2425												
Description:	2" 90° ELBOW											
	2015 6											
Min. Thick.	5.3			4.81		.7	5.50					
Average:	5.5							0	0			
Analysis:												