



**PSV DATA**

MFG: FARRIS  
 MODEL: 27DA33H-M20/SP  
 SERIAL: 325015-34-KE  
 SET PRES: 14500 kPa  
 CAPACITY: 14499 scfm  
 SERVICED BY: PIMMS  
 SERVICE DATE: 12/2003  
 SIZE: 1in x 1in  
 CODE STAMP: UV  
 BLOCK VALVE: NO  
 CRN: 0G0386.9C  
 LOCATION: I/L PIPING  
 TAG: PSV-300

Equip. No. V-2671-V1 Prov. Reg. No. Ⓐ RAE 2967 C.R.N. P-2889.21 Serial No. 00-2123-2 Yr. Inst.       
 Code/Div. ASME VIII, DVI 1 Size: 34 in x 33ft Manufacturer: WELL HALL MAUFACTURING Yr. Blt. 2001  
 C. Stamp: NO Service: SWEET PWHT: HT Radiography: RT1 Insulated: NO

**Design & Materials Data**

**HEAD:**  
 Top Mat'l. SA 516 70 Top Nom. 44.7mm Top C.A.       
 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 70 Nominal: 50.8mm C.A.     

MAWP Shell Side: 14493 kPa @ Temp. 149°C  
 MAWP Tube Side:      @ Temp.     

CLIENT	CANADIAN NATURAL RESOURCES		
FACILITY	LADYFERN DEHYDRATION #7 LSD b-17-1/94-H-01		
ITEM	DEHY TOWER		
BY: LR	DATE: 12/2005	DWG.# 3-7	

# UTS DATA

**CLIENT:** CANADIAN NATURAL RESOURCES  
**EQUIPMENT:** DEHY TOWER  
**CRN#:** P-2889.21  
**PROV REG:** RAE 2967  
**TESTED ON STREAM**

**FACILITY:** LADYFERN GAS PLANT  
**SERVICE:** SWEET  
**LOCATION:** b-17-1/94-H-01  
**RTD JOB #:** 105.00390  
**REFER TO DRAWING:** 3-7

Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
710	Description: LOWER SHELL											
	2005	12	2010	6								
Min. Thick.	52.5		52.5		50.8		50.8	0	0			L
Average:	52.6		52.6					0	0			L
Analysis:												
715	Description: LOWER SHELL											
	2005	12	2010	6								
Min. Thick.	52.4		52.4		50.8		50.8	0	0			L
Average:	52.5		52.5					0	0			L
Analysis:												
720	Description: LOWER SHELL											
	2005	12	2010	6								
Min. Thick.	51.5		51.5		50.8		50.8	0	0			L
Average:	52		52					0	0			L
Analysis:	2005/12 MIN SCAN AT WELD											
725	Description: BOTTOM HEAD											
	2005	12	2010	6								
Min. Thick.	49.6		49.6		44.7		44.7	0	0			L
Average:	51		51					0	0			L
Analysis:	2005/12 MIN SCAN AT KNUCKLE											
730	Description: 2" 90° NOZZLE											
	2005	12	2010	6								
Min. Thick.	8.7		8.7		7.6	1.1	8.7	0	0			L
Average:	9		9					0	0			L
Analysis:												

# UTS DATA

**CLIENT:** CANADIAN NATURAL RESOURCES  
**EQUIPMENT:** DEHY TOWER PIPING  
**CRN#:**  
**PROV REG:**  
**TESTED ON STREAM**

**FACILITY:** LADYFERN GAS PLANT  
**SERVICE:**  
**LOCATION:** b-17-I/94-H-01  
**RTD JOB #:** 105.00390  
**REFER TO DRAWING:** 3-7

Test Point	THICKNESS DATA				Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
705												
Description:	10" 90° ELBOW											
	2005	12	2010	6								
Min. Thick.	18.3		18.1		16.01		2.3	18.3	.04	.04		L
Average:	18.6		18.6						0	0		L
Analysis:												
735												
Description:	10" 90° ELBOW											
	2005	12	2010	6								
Min. Thick.	18.9		18.9		16.01		2.3	18.3	0	0		L
Average:	19.2		19.1						.02	.02		L
Analysis:												
740												
Description:	10" 90° ELBOW											
	2005	12	2010	6								
Min. Thick.	12.3		12.3		11.11		1.6	12.7	0	0		L
Average:	12.6		12.6						0	0		L
Analysis:	2010/06 MIN SCAN @ MID APEX MID ELBOW											