



05/2011 – NO ACCESS TO PSV

INSPECTION DATE: 2011/05
 LONG TERM CORROSION RATE BASED ON GREATEST THICKNESS LOSS—NO CORROSION RATE TO ASSESS.

Equip. No. _____ Prov. Reg. No. **A** C 46059 C.R.N. N-7030.21 Serial No. 97-8998-1 Yr. Inst. _____
 Code/Div. ASME VIII, DIV 1 Size: 60in x 180in Manufacturer: WELLS-HALL FABRICATION Yr. Blt. 1997
 C. Stamp: U Service: SOUR PWHT: HT Radiography: RT-1 Insulated: 100%

Design & Materials Data

HEAD:
 Top Mat'l. SA 516 70 Top Nom. 8.7mm 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: 9.5mm C.A. _____
 MAWP Shell Side: 345 kPa @ Temp. 66°C
 MAWP Tube Side: _____ @ Temp. _____

CLIENT	CANADIAN NATURAL RESOURCES	
FACILITY	INGA COMPRESSOR STATION LSD 05-21-88-23 W6M	
ITEM	FLARE KNOCKOUT DRUM	
BY: SE/CM	DATE: 05/2011	DWG.# 17

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: FLARE KNOCK OUT DRUM
CRN#: N-7030.21
PROV REG: C 46059
TESTED ON STREAM

FACILITY: INGA COMPRESSOR STATION
SERVICE: SOUR
LOCATION: 05-21-88-23 W6M
RTD JOB #: 10.110194
REFER TO DRAWING: 17

Test Point	THICKNESS DATA		Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
1705	Description: LOWER HEAD									
	2011	5								
Min. Thick.	9.7		8.70			8.70				L
Average:	10						0	0		L
Analysis:										
1710	Description: BOTTOM SHELL									
	2011	5								
Min. Thick.	9.8		9.50			9.50				L
Average:	10						0	0		L
Analysis:										
1715	Description: BOTTOM SHELL									
	2011	5								
Min. Thick.	9.6		9.50			9.50				L
Average:	9.8						0	0		L
Analysis:										
1720	Description: LOWER SHELL									
	2011	5								
Min. Thick.	9.8		9.50			9.50				L
Average:	10						0	0		L
Analysis:										
1725	Description: BOTTOM SHELL									
	2011	5								
Min. Thick.	9.8		9.50			9.50				L
Average:	10						0	0		L
Analysis:										
1730	Description: LOWER HEAD									
	2011	5								
Min. Thick.	9.7		8.70			8.70				L
Average:	9.9						0	0		L
Analysis:										

UTS DATA

CLIENT: CANADIAN NATURAL RESOURCES
EQUIPMENT: FLARE KNOCK OUT DRUM PIPING
CRN#:
PROV REG:
TESTED ON STREAM

FACILITY: INGA COMPRESSOR STATION
SERVICE: SOUR
LOCATION: 05-21-88-23 W6M
RTD JOB #: 10.110194
REFER TO DRAWING: 17

Test Point	THICKNESS DATA	Flag	Crit	C.A.	Nom.	Short Term	Long Term	Ave. mm/py	Flag Date
1740									
Description: 2" 90° ELBOW									
2011 5									
Min. Thick.	3.7	3.41		.5	3.90				L
Average:	3.9					0	0		L
Analysis:									
1750									
Description: 2" 90° ELBOW									
2011 5									
Min. Thick.	3.8	3.41		.5	3.90				L
Average:	4					0	0		L
Analysis:									