



VESSEL INSPECTION SUMMARY

Report #: 92181-DS-01
 Inspect Date: 04/19/2007
 Page: 1 of 2
 IRISNDT #: 92181

Client: CNRL District: Slave Lake Field: Nipisi
 Facility: 02-11-080-08W5 Unit: LSD: 02-11-080-08W5
 Jurisdiction #: A2556400 Equip Tag #: Serial #: 37668
 CRN #: H8558.21 Nat'l Bd #: Year Built: 1989
 Manufacturer: Equipment Description: Boiler
 Status: Out Of Service Date Removed From Service: Service: Select
 MAWP Shell 200 Psi @ Pick Height/Length: in / mm Code Stamp: Y N
 MAWP Tube Select @ Pick Size/Diameter: in / mm ID / OD Insulated: Y N
 Support Type: RT: Volume: ft³ / m³ PWHT: Y N
 C.A. Coated Y N Clad: Y N Manway: Y N

Component	Material	Nominal	Minimum

Component	Material	Nominal	Minimum

PSV Static Data

PSV -1 Tag #: Serial #: CRN:
 Model #: Capacity: SCFM Set Pressure: Select
 Manufacturer: Service Company:
 Shell/Tube Side: Shell / Tube Service Date:
 Size In: Size Out: Connection Type:
 Carseal Intact: Yes / No Number of PSV's Location:

PSV -2 Tag #: Serial #: CRN:
 Model #: Capacity: SCFM Set Pressure: Select
 Manufacturer: Service Company:
 Shell/Tube Shell / Tube Service Date:
 Size In: Size Out: Connection Type:
 Carseal Intact: Yes / No Number of PSV's Location:

External Inspection Results - VE

Last Report #: Last Report Date: Summary Report #:

Item	Y	N	N/A	Acc	Comment
Foundation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Grounding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Insulation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Piping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Supports	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Anchor Bolting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
TMLs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Item	Y	N	N/A	Acc	Comment
Paint	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Cathodic Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Fireproofing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ladders/Platforms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Berms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Davit Arm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Pressure Gauge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Temp. Gauge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Internal Inspection Results - VI

Item	Y	N	N/A	Acc	Comment
Shell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Heads	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Manway	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Gasket Surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Welds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Refractory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Heating Coils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Refractory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Item	Y	N	N/A	Acc	Comment
Demister	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Vane Pack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Baffles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Trays	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Filter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Internal Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Tubesheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Tube Bundle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Edmonton (780) 437-4747	Fort McMurray (780) 743-1536	Cold Lake (780) 594-1114	Mailing Address
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Report #: 92181-DS-01
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Page: 2 of 2
IRISNDT #: 92181

Client: CNRL LSD: 02-11-080-08W5 Jurisdiction #: A2556400

Attached to Vessel Inspection Report # 92181-DS-01

Additional Attachments # of pages Specify

NDE Performed UT MT PT ET RT OTHER

NDE Report # 92181-UT-WF-01

NCR Raised Operational Action Item Raised Repair Action Item Raised Deferred Action Item Raised

Inspection Comments:

IRISNDT witnessed a hydrostatic test of the boiler A2556400.

The following was observed:

- The Boiler was held at 200 Psi for 1 hour. Recorded on chart A2556400.
- No leaks were observed. There is limited access through the bottom of the boiler. Tubes tested externally, but appears to be in good condition. No access internally, however the boiler is not leaking.

Recommendations:

Unit # Kilometers:

In Out Hrs

In Out Hrs

Personnel:

Consumables:

Inspector:

Dennis Simons (Print) PESL: A-47671

(Signature) API:

I am in full agreement with report contents:

Client Representative

Table with 7 columns: Location, Phone 1, Phone 2, Phone 3, Phone 4, Phone 5, Mailing Address. Rows include Edmonton, Calgary, Nisku, Barrhead, Fort McMurray, Grande Prairie, High Level, Lloydminster, Cold Lake, Red Deer, Tulsa, OK, Houston, TX.