

Pressure Vessel Static Information

Insp. Comp: Summit Inspection Services Ltd	District: Slave Lake	Field: BRINTNELL 1362
Location: 12-09-081-22W4 BR BATTERY	Unit/Skid:	LSD: 12-09-081-22W4
Jurisdiction #: A3085781	Alt. Jur #:	Equip Tag #:
Serial #: LS-4302	CRN #: M-0749.2	Year Built: 1995
Manufacturer: Natco Canada Ltd.		Equipment Description: Contactor Tower
Status: Out of Service - 999 -	Equip Type: Contactor	Service:
Shell MAWP: 9859.56 kPa @ 53.8900 C	Volume:	Code Stamp: <input checked="" type="radio"/> Yes <input type="radio"/> No
Tube MAWP: @	Length:	Insulated: <input type="radio"/> Yes <input type="radio"/> No
Shell MDMT: 0.5600 C RT: RT1	Diameter:	PWHT: <input type="radio"/> Yes <input checked="" type="radio"/> No
Tube MDMT: Support: Skirt	Coated: <input type="radio"/> Yes <input checked="" type="radio"/> No	Manway: <input type="radio"/> Yes <input checked="" type="radio"/> No
Shell C.A.: C Shell JE: 1.00	Remote Access: <input type="radio"/> Yes <input checked="" type="radio"/> No	Clad: <input type="radio"/> Yes <input checked="" type="radio"/> No
Tube C.A.: Tube JE:		
Dim Text:		
Data: New		

Corrosion Monitoring Location (CML) Static Information

Side	TML #	Test PT Name	Material	Nom Thick	Diameter	CORR Allow

Comment:

PSV Static Data

Tag #:	Serial #:	CRN:
Model No:	Capacity:	Set Pressure:
Manufacturer:	Location of PSV:	Last Service Date:
Inlet Size:	Inlet Carseal: <input type="radio"/> Yes <input checked="" type="radio"/> No	Conn. Type:
Outlet Size:	Outlet Carseal: <input type="radio"/> Yes <input checked="" type="radio"/> No	Code Stamp:
Service Comp:	Out For Service: <input type="radio"/> Yes <input checked="" type="radio"/> No	PSV Side:
Comment:		

NDE and Final Summary

NDE	UT	<input checked="" type="checkbox"/>	Report #:	UT(SW)	<input type="checkbox"/>	Report #:
Performed:	MT	<input type="checkbox"/>	Report #:	PT	<input type="checkbox"/>	Report #:
	Other	<input type="checkbox"/>	Report #:			
Drawing Found?		<input type="checkbox"/>				

Observations Summary

At the time of inspection the equipment was out of service, therefore it was not inspected as per customer instruction. UT corrosion survey was performed on the vessel and the associated piping. Please see attached copy of report for inspection details.

Recommendations Summary

Actions Corrected at Time of Inspection

Additional Visual Observations

Any other safety concerns or observations from associated equipment

Thickness and Remaining Life Evaluation

MUST BE COMPLETED AND RESOLVED WITH CNRL IMMEDIATELY UPON DISCOVERY OF LOW WALL THICKNESS AREAS

Was any thickness measurement location (Nominal WT - Corrosion Allowance)? Pick

Report #:

Which component(s) were found below (Nominal WT - Corrosion Allowance)?

Components below (Nom - CA)			Components below (Nom - CA)
	-		
	-		
	-		
	-		
	-		

Component Worksheet:

Component	Low Reading	Calculated T-Min	Reading Below T-Min	Nature Of Pitting	Remaining Life

Notes:

Contact CNRL Integrity Coordinator to discuss above results.

Name Of CNRL Contact:

Date and Time Of Conversation:

Summary/Results Of Conversation:

Crack Evaluation by Magnetic Particle or Alternative Inspection

MUST BE COMPLETED AND RESOLVED WITH CNRL IMMEDIATELY UPON DISCOVERY OF CRACK-LIKE INDICATIONS

Were any indications found to suggest the vessel contained cracks? : Pick

Report #:

Name Of CNRL Contact:

Date and Time Of Conversation:

Summary/Results Of Conversation:

CNRL Criticality Evaluation

	YES	NO
1. Is the vessel fit-for-service? :	<input type="checkbox"/>	<input type="checkbox"/>
2. Was the measured thickness less than the calculated minimum required thickness (T-Min) of any component?:	<input type="checkbox"/>	<input type="checkbox"/>
3. Were MT indications found?:	<input type="checkbox"/>	<input type="checkbox"/>
4. Was the remaining life less than 6 yrs for sour service vessels or less than 10 yrs for sweet service vessels?:	<input type="checkbox"/>	<input type="checkbox"/>
5. Were NCR's or Action Items generated as a result of the inspection?:	<input type="checkbox"/>	<input type="checkbox"/>
6. Were UT readings below (Nominal WT - Corrosion Allowance) found?:	<input type="checkbox"/>	<input type="checkbox"/>

Information on CNRL Owner User Program - Criticality Designation and Required Review

RED - Vessel Inspection Results are deemed RED if one of the following occurred:

- * The measured thickness was less than the calculated minimum required thickness (T-Min) for any component
- * MT Indications were found
- * The remaining life was calculated to be less than 6 years for sour-service or less than 10 years for sweet-service vessels

RED inspection reports must be signed off by the CNRL Chief Inspector.

YELLOW - Vessel Inspection Results are deemed YELLOW if one or more of the following occurred:

- * The vessel was declared NOT fit-for-service by the 3rd Party In-Service PV Inspector
- * NCR's or Action Items were generated as a result of the inspection.
- * UT Readings below (Nominal WT - Corrosion Allowance) were found.

YELLOW inspection reports must be signed off by the CNRL Pressure Equipment Integrity Coordinator

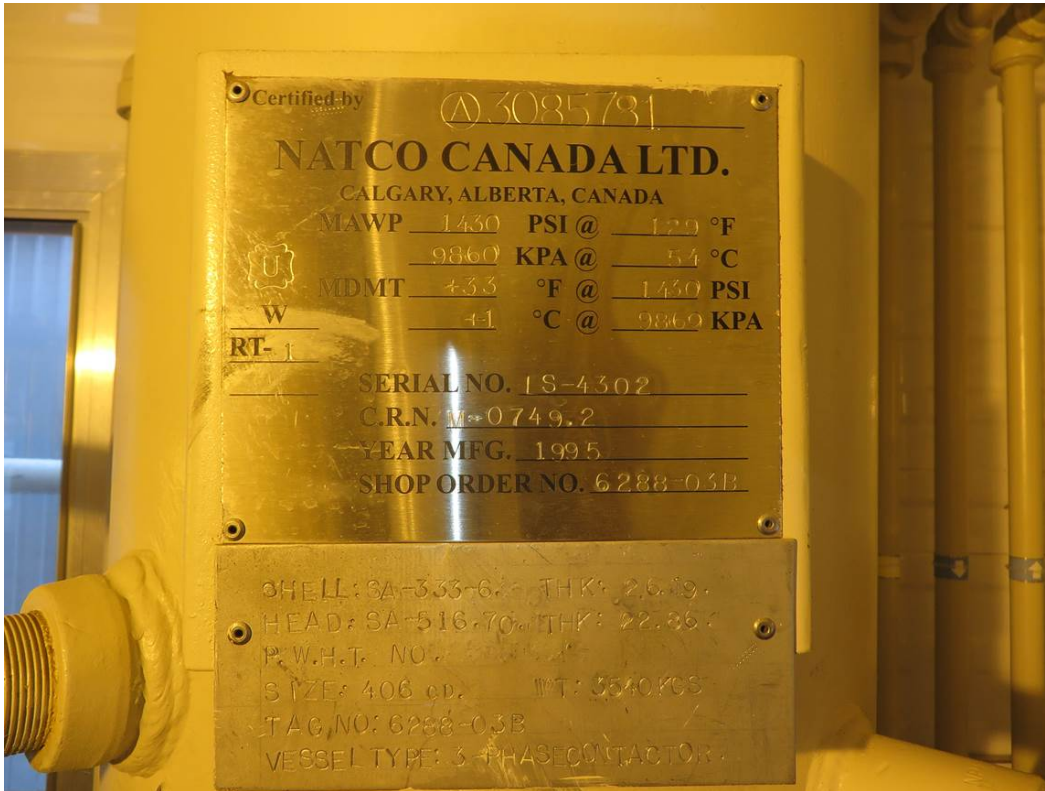
GREEN - Vessel Inspection Results are deemed GREEN if all of the following are true:

- * The vessel was declared fit-for-service by the 3rd Party In-Service PV Inspector.
- * UT Readings below (Nominal WT - Corrosion Allowance) were NOT found.
- * MT indications were NOT found.
- * NCR's or Action Items were NOT generated as a result of the VE inspection.

GREEN Inspection reports must be signed off by the 3rd Party In-Service Pressure Vessel Inspector.

Inspection Photographs and Relevant Files

Title:



Description: Vessel nameplate

Inspection Photographs and Relevant Files

Title:



Description: General view of vessel inside building

Inspection Photographs and Relevant Files

Title:



Description: General view of vessel outside building


Inspection Photographs and Relevant Files

Title:



Description: General view of inlet pipe

Job Information

Vehicle #:	KMs:	Inspector (name): Maria Savulescu	
Time In:	Time Out:	Hrs:	PESL #: 000162 API: 24958
Time In:	Time Out:	Hrs:	Inspector (signature): 
Personnel 1: Nyssa Moore		CNRL Coordinator (name) :	
Personnel 2: Tyler Cameron		CNRL Coordinator (signature):	
Billing Info:	-	CNRL Chief Inspector (signature):	
Report ID: CNR-PVI-14-00014-85		Inspector Job Number:	