

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: PV-630	LSD: 12-09-081-22W4
Jurisdiction #: E113173	Alt. Jur #:	Equip Tag #:
Serial #: 97015-3A-90	CRN #: L0385.2	Year Built: 1998
Manufacturer: Resource Constructors Canada Inc	Equipment Description: Level Control Bottle	
Status: In Service	Equip Type:	Service: Sour
Shell MAWP: 517.11 kPa @ 148.8900 C	Volume:	Code Stamp: <input type="radio"/> Yes <input checked="" type="radio"/> No
Tube MAWP: @	Length:	Insulated: <input type="radio"/> Yes <input checked="" type="radio"/> No
Shell MDMT: -28.8900 C RT: RT3	Diameter: 0.11 m OD	PWHT: <input type="radio"/> Yes <input checked="" type="radio"/> No
Tube MDMT: Support: Pipe	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: 0.85	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 #: SE-15229-3	CRN: 0G0201.2C
Model No: JLT-J05-E-15/A	Capacity: 4960 SCFM	Set Pressure: 75 psi
Manufacturer: Crosby	Location of PSV: On Another Vessel	Last Service Date: 2013-03-06
Inlet Size: 3.00 in	Inlet Carseal: <input type="radio"/> Yes <input checked="" type="radio"/> No	Conn. Type: Flanged Inlet Block: <input checked="" type="radio"/> Yes <input type="radio"/> No
Outlet Size: 4.00 in	Outlet Carseal: <input type="radio"/> Yes <input checked="" type="radio"/> No	Code Stamp: UV Outlet Block: <input type="radio"/> Yes <input checked="" type="radio"/> No
Service Comp: Apex Valve Services	Out For Service: <input type="radio"/> Yes <input checked="" type="radio"/> No	PSV Side: SHELL
Comment: Meet code requirements.		

External Inspection Results - VE

Ext Comp: 2014-11-24

Item	N/A	Condition	Comment	NCR	Action Item Integrity	Action Item Maintenance
Nameplate	<input type="checkbox"/>	Reject	No code stamp found.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Foundation & Supports	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Anchor Bolts	<input checked="" type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grounding	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Insulation Condition	<input checked="" type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PSV	<input type="checkbox"/>	Reject	Block valves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shell Heads & Nozzles	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Metal Surfaces (Paint)	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aux. Equipment	<input checked="" type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cathodic Protection	<input checked="" type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alignment	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flange Connections	<input checked="" type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pressure Gauge	<input checked="" type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Temperature Gauge	<input checked="" type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sight Glass	<input checked="" type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ladder / Platform	<input checked="" type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leak	<input type="checkbox"/>	No		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Piping From Vessel	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Previous UT Survey	<input type="checkbox"/>	Pick	Survey Date:	UT Company:		

External Visual Observations

Recommendations

NDE and Final Summary

NDE	UT	<input 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

No code stamp found on nameplate. Block valves in between the bottle and Treater are not carseal open.

Recommendations Summary

Carseal open the block valves in between the bottle and Treater.
Confirm if ASME code stamp is required.

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)?: false

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? : false

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 checked="" 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 checked="" type="checkbox"/>
3. Were MT indications found?:	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>
5. Were NCR's or Action Items generated as a result of the inspection?:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Were UT readings below (Nominal WT - Corrosion Allowance) found?:	<input type="checkbox"/>	<input checked="" 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

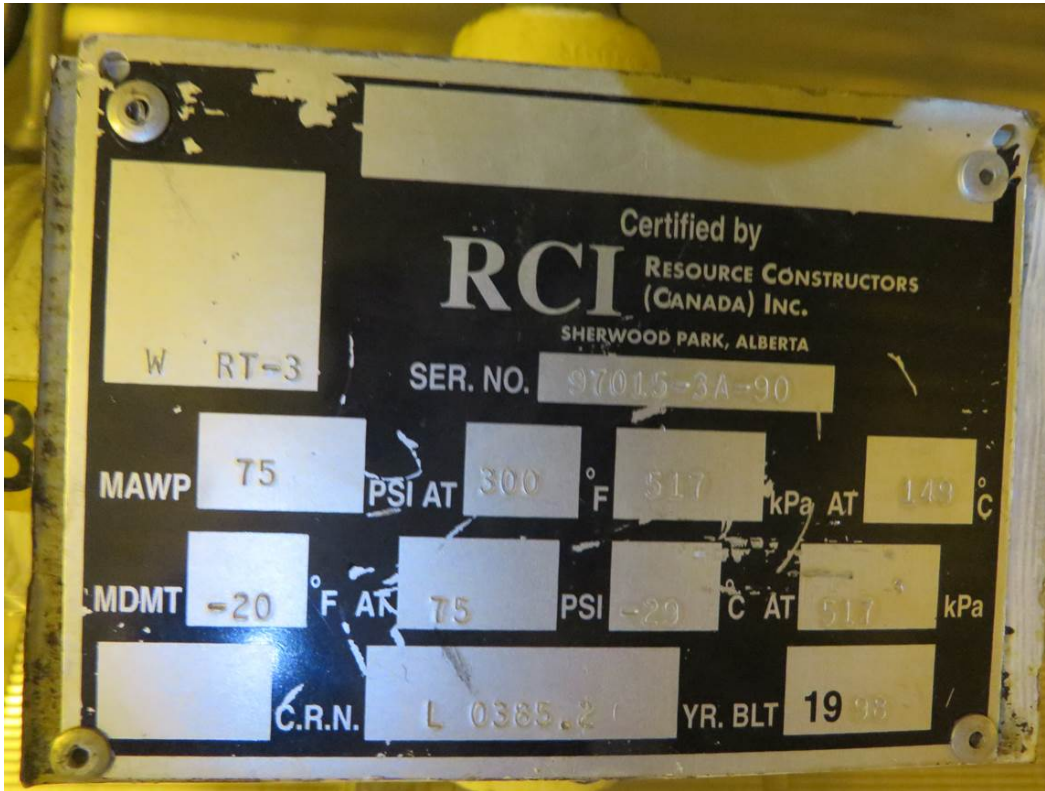
GREEN - Vessel Inspection Results are deemed GREEN if **all** of the following are true:

- * 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 the Level control bottle.

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-14-00014-73			Inspector Job Number:	