



An IRISNDT Company

VESSEL INSPECTION SUMMARY

Report #: **141136-PM-14**
Inspect Date: 01/26/2010
Page: 1 of 4
IRISNDT #: 141136

Client: Cnrl District: St. Albert Field: Byemoor
Facility: 08-32-034-17W4 Unit / Skid #: N/A LSD: 08-32-034-17W4
Jurisdiction #: A0225183 Equip Tag #: N/A Serial #: 85C339007
CRN #: F1578.2 Nat'l Bd #: N/A Year Built: 1985
Manufacturer: Alco Gas & Oil LTD. Equipment Description: Glycol Accumulator
Status: In - Date Removed From Service: Service: Sweet
MAWP Shell: 150 Psi @ 150 °F Height/Length: 1955 mm Code Stamp: ☒ Y ☐ N
MAWP Tube: @ Size/Diameter.: 324 mm O.D. Insulated: ☐ Y ☒ N
MDMT: °F RT: RT-3 Volume: PWHT: ☐ Y ☒ N
Support Type: Skirt Manway: ☐ Y ☒ N
C.A.: 1.58 mm Coated ☐ Y ☐ N Clad: ☐ Y ☐ N J.E.: _____

Component	Material	Nominal Thk	Diameter	OD/ID	Tube Side	Shell Side
- Head	SA-234WPB	9.500 mm	324.000 mm	OD	<input type="checkbox"/>	<input type="checkbox"/>
- Shell	SA-106-B	9.500 mm	324.000 mm	OD	<input type="checkbox"/>	<input type="checkbox"/>
-					<input type="checkbox"/>	<input type="checkbox"/>
-					<input type="checkbox"/>	<input type="checkbox"/>
-					<input type="checkbox"/>	<input type="checkbox"/>

Comments:

PSV Static Data

PSV -1 Tag #: Serial #: 85C1663 CRN: O1832.568312
Model #: 1990C1 Capacity: 297 SCFM Set Pressure: 150 psi
Manufacturer: Consolidated Service Company: Unified Valve
Inlet Size & Type: 1 in. - Threaded Last Service Date: July 06/2004
Outlet Size & Type: 1 in. - Threaded Block Valve: - -
Shell Side / Tube Side: Shell Side Location of PSV: Shell

PSV -2 Tag #: Serial #: CRN:
Model #: Capacity: Set Pressure:
Manufacturer: Service Company:
Inlet Size & Type: - Last Service Date:
Outlet Size & Type: - Block Valve: - -
Shell Side / Tube Side: Location of PSV:

PSV Comments

PSV is in good condition with carseal intact.

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Mailing Address
5311 - 86 Street
Edmonton, Alberta
T6E 5T8

Client: _____ Cnrl _____ LSD: 08-32-034-17W4 Jurisdiction #: A0225183

External Inspection Results - VE

Item	Y	N	N/A	Condition	Comment	NCR	Action Item	Priority
Nameplate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	
Foundation and Supports	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	
Anchor Bolts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	
Grounding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	
Insulation Condition	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	
PSV	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	
Shell & Heads	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	
Metal Surfaces (Paint)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	
Aux Equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	
Cathodic Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	
Alignment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	
Flange Connections	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	
Pressure Gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	
Piping from Vessel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	
Temperature Gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	
Sight Glass	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accept		<input type="checkbox"/>	<input type="checkbox"/>	
Leaks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	
Current UT Survey	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			UT Company: _____		
Previous UT Survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			UT Company: _____		

LEGEND:

Priority 0 - General Recommendations

Priority 1 - Goal date is 30 days from the activity date

Priority 2 - Goal date is 90 days from the activity date.

Priority 3 - Goal date is 1 Year from the activity date.

Priority 4 - Goal date is 5 Years from the activity date.

External Visual Observations
Manual Review Required By Customer Representative -

An external visual inspection was performed on the vessel and the findings are as follows:

- The vessel was operating at time of inspection. No process leaks or vibrations were noted..
- The paint is on shell and piping in good condition and it is noted that shell has had previous external corrosion that has been painted over. An external pit on upper north shell has been painted over. Pit is approximately 0.250" in diameter and 0.100" deep. UT reading were taken around area and no internal corrosion was detected.
- Where exposed all piping, flanges and bolting were in good condition.
- The vessel is supported by skirt bolted to skid floor. Vessel is secure and level.
- External UT was performed with no significant wall losses noted.
- PSV appears to be in good condition with Carseal intact.
- Refer to the attached photos, UT data and drawing for inspection findings.
- The vessel appears to be in good operating condition for continued service based on the external visual observations and UT thicknesses recorded.



MATRIX
INSPECTION

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Internal Inspection Results – VI N/A (Not Applicable)

Item	Y	N	N/A	Condition	Comment	NCR	Action Item	Priority
Shell	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	
Manway	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	
Welds	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	
Heating Coils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	
Demister Pad	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	
Baffles	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	
Filter	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	
Tubesheet	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>	

LEGEND:

Priority " 0 " - General Recommendations.

Priority " 1 " - Goal date is 30 days from the activity date.

Priority " 2 " - Goal date is 90 days from the activity date.

Priority " 3 " - Goal date is 1 Year from the activity date.

Priority " 4 " - Goal date is 5 Years from the activity date.

Internal Visual Observations

Manual Review Required By Customer Representative -

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Attached to Vessel Inspection Report # _____

Additional Attachments # of pages _____ Specify _____

NDE UT ☒ MT ☐ PT ☐ ET ☐ RT ☐ OTHER ☐ _____

NDE Report #: _____

Items Raised: NCR _____ Operational Action Item _____ Repair Action Item _____ Deferred Action Item _____

Action Items / Recommendations:

- Continue to inspect vessel at regular scheduled intervals.

Actions Corrected at Time of Inspection: (If actions were corrected at the time of Inspection – note the corrected actions here.)

Recommended Inspection Intervals:

Meets Code Criteria: -			Re-Inspection Required -			
VT External	Last Inspection:	-	Interval (yrs)		Next Inspection:	- 0000
VT Internal	Last Inspection:	-	Interval (yrs)		Next Inspection:	- 0000
UT Inspect.	Last Inspection:	-	Interval (yrs)		Next Inspection:	- 0000
PSV Service	Last Inspection:	-	Interval (yrs)		Next Inspection:	- 0000

Unit # 374 Kilometers: _____ In 00:00 Out 00:00 Hrs _____ In 00:00 Out 00:00 Hrs _____ Personnel: KK/MB P.O.# / W.O.#/AFE #: _____	Consumables: _____ _____ _____ _____	Inspector: Pamela Maze _____ PESL: 351 (Print) _____ API: 28750/34396/2786 (Signature) I am in full agreement with report contents: Client Representative _____
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A0225183_Nameplate_26Jan2010



A0225183_Overview_26Jan2010



A0225183_Previousexternal pit painted over_26Jan2010