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**HEATER\_DIR\_FIRED INSPECTION REPORT****Inspection Report**

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Notification Number 6068557 Work Order 6071287  
Notification Desc REBOILER, DEBUTANIZER, 2 MM BTU/HR Maintenance Plan QFREBOIL0302  
Tasklist Operation ( 5Y Inspection Interval ) 5Y Code Inspection Reboiler Fired

**Equipment Static Data**

Equipment Number 66125338 Equipment Description REBOILER, DEBUTANIZER, 2 MM BTU/HR  
Class HEATER\_DIR\_FIRED Tag Number 01-21-038-02W5  
Serial Number 2007-7738-01 Year Built 2007  
Manufacturer ALCO GAS & OIL  
Location EC-SO-015-00001 Location Description SYLVAN LAKE GAS PLANT 01-21-038-02W5  
Provincial Number PM Activity Code  
Status Codes NOPR ORAS Equipment Status In Service - Fully Utilized

CRN Number Fluid Service SWEET Heat Medium  
Length MDMT - Min. Design Metal Temp -20 DEGF Nozzle ANSI Rating 300 IN  
Number of Passes-Tube Shell MAWP 0 PSI Tube design MAWP  
Vessel Diameter

**PRD Static Data**

Equip ID	Location	Size		Set Pressure	Capacity	Manufacturer	Serial Number	Model Number	Next Service Date
		Inlet	Outlet						

**Process Data**

Product Description GLYCOL Fluid Service ☒ Sweet ☐ Sour PPM  
Operating Pressure KPA Operating Temperature °C

**Pressure Test**

Test Completed ☐ Yes ☐ No Test Acceptable ☐ Yes ☐ No Test Report #

**PSV Data**

Tag/Serial No.	Location	Size		Set Pressure	Capacity	Model / Type	Service Date
		Inlet	Outlet				
	NON-CODE						

**Inspection History**

Inspected By RICE JIM Inspection Date 2007.05.30

**Inspection Summary**

An external inspection was performed to verify the unit's integrity.  
No concerns were found and it is considered acceptable for continued service.

**Recommendations**

none

**Repairs Completed**

**Equipment Status**

Integrity Status ☒ Suitable for Continued Service ☐ Immediate Repairs Required ☐ Replace  
☐ Future Repairs Required  
Inventory Status ☒ In Service - Fully Utilized ☐ Idle ☐ Surplus ☐ Scrap

**QA Activities**

<input checked="" type="checkbox"/> Leave As-Is	<input type="checkbox"/> Weld Overlayed	<input type="checkbox"/> Part / Component Replaced
<input type="checkbox"/> Equipment Replaced	<input type="checkbox"/> Grind Dressed	<input type="checkbox"/> Patch Installed
<input type="checkbox"/> MAWP Derated	<input type="checkbox"/> Coating - Cleaned & Patched	<input type="checkbox"/> Coating - Removed & Replaced
<input type="checkbox"/> Defect Removed & Rewelded	<input type="checkbox"/> Part Cleaned	<input type="checkbox"/> Lapped & Dressed
<input type="checkbox"/> Epoxy Patched		

**Noncompliances or Inspection Deficiencies Issued****External Visual Inspection**

The upper section of the re-boiler is insulated with no notable perforations found in the insulation and cladding. Any exposed metal was found to be in good condition with no significant corrosion being found. The piping, bolting, gauges and external attachments are in good condition.  
The vessel is securely attached to the floor through the saddle supports.  
The still column was noted to be in generally good condition.  
No internal inspection was performed at this time but an internal inspection should be scheduled for the next unit outage.  
The overall condition of this vessel is good.  
It should be noted that this vessel replaces the old salt bath heater.

**External NDE Examination**


none at this time

**Internal Visual Inspection****Internal NDE Examination****Data Integrity****Inspection Interval****Damages****Inspector Certification**

I, the undersigned certify that the above equipment has been inspected in accordance with the assigned task list and that statements within this report are correct and represent inspection findings.

Inspector Name RICE JIM Inspector Signature   
Inspection Company HUSKY Date \_\_\_\_\_

**Lead Inspector's Acceptance & Schedule Confirmation**

Lead Inspector Jim Rice Signature  Date Nov 8, 2007  
Vessel Inspection Interval ☒ Leave as-is / Change to: \_\_\_\_\_  
PSV Inspection Interval \_\_\_\_\_ ☐ Leave as-is / Change to: \_\_\_\_\_

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