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SEPARATOR INSPECTION REPORT

Inspection Report

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Notification Number 6057335 Work Order 6059705
 Notification Desc SEPARATOR, NATCO 48" X 96" 285 PSI Maintenance Plan QPSEPAR6147
 Tasklist Operation (5Y Inspection Interval) 5Y Code Inspection Separator - Sweet Se

Equipment Static Data

Equipment Number 66102897 Equipment Description SEPARATOR, NATCO 48" X 96" 285 PSI
 Class SEPARATOR Tag Number
 Serial Number 42586-55 Year Built
 Manufacturer NATCO
 Location L7-05-006-00017 Location Description 111/03-16-052-25W3/00 SWB
 Provincial Number PM Activity Code
 Status Codes NOPR ORAS Equipment Status In Service - Fully Utilized

CRN Number P6749.23 Code Stamp Fluid Description GAS
 Fluid Service SWEET Internal Coating Exists N Length 96.00 "
 MDMT - Min. Design Metal Temp -20 DEGF Shell MAWP 285 PSI Stress Relief
 Vessel Diameter 20" 48.0" Volume X-Ray

PRD Static Data

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

Process Data

Product Description DESSICANT DRYER 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				

Inspection History

Inspected By G MUELLER Inspection Date 2006.10.02

Inspection Summary

An external installation inspection was performed one of two Natco Desiccant Dryers which is part of a new site set up. No concerns were noted at time of inspection and the vessel is considered acceptable for continued service.

Recommendations

No issues at time of inspection. Confirm PSVs are properly set once returned/installed.

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

☒ Leave As-Is ☐ Weld Overlayed ☐ Part / Component Replaced
☐ Equipment Replaced ☐ Grind Dressed ☐ Patch Installed
☐ MAWP Derated ☐ Coating - Cleaned & Patched ☐ Coating - Removed & Replaced
☐ Defect Removed & Rewelded ☐ Part Cleaned ☐ Lapped & Dressed
☐ Epoxy Patched

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

The dryer was found in overall good condition. The vessel is painted white and has no notable corrosion. No issues with the nameplate, piping, bolting, and external attachments, the vessel skirt is welded to the floor. The dryers are protected by a PSV that was out for servicing.

External NDE Examination

Random UT thickness measurements were taken on the vessel heads & shell. No concerns from the results as readings were at or above nominal values.

Internal Visual Inspection**Internal NDE Examination****Data Integrity****Inspection Interval**

The Dryer is in a heated/protected environment, not exposed to vibration or negative elements. The inspection interval can remain at maximum for this vessel at this process location.

SEE ATTACHED UT RESULTS AND STATIC DATA.

cc: Eldon Beek
Chris Wandler

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 G MUELLER

Inspector Signature

Inspection Company HUSKY ENERGY QA/QC

Date

CM

Oct 2 / 06

Lead Inspector's Acceptance & Schedule Confirmation

Lead Inspector

RAY TRACHUK

Signature

Ray Trachuk

Date

06-09-10

Vessel Inspection Interval

☒ Leave as-is / Change to:

5yr

PSV Inspection Interval

☐ Leave as-is / Change to:

Top

ITEM:	DESSICANT DRYER
LOCATION	TANGLEFLAGS
LSD:	A5-31-50-24W3M
MAKE:	NATCO
YEAR:	2001
SERIAL#:	42586-55
EQ#:	66102897
INV#	
CRN #:	P6749.23
REG #:	A465646 S00212
HEAD	
SHELL	20" \varnothing
C.A:	
MAWP:	285PSI @ 100F
PSV:	OUT FOR SERVICE
OTHER	HEAVY WHITE PAINT UT#8 -BOTTOM HEAD



DATE:	Oct-06							
LOCATION	READING	READING	READING	READING	READING	READING	READING	READING
UT 1	0.513"							
UT 2	0.510							
UT 3	0.541							
UT 4	0.341							
UT 5	0.360							
UT 6	0.358							
UT 7	0.397							
UT 8	0.361							