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TANK INSPECTION REPORT**Inspection Report**

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Notification Number 6056662 Work Order 6058962
 Notification Desc TANK, UNIVERSAL 160M3 Maintenance Plan QNATANK10865
 Tasklist Operation 400 - 1000 bbl uncoated

Equipment Static Data

Equipment Number 62038220 Equipment Description TANK, UNIVERSAL 160M3
 Class TANK Tag Number T-100
 Serial Number 02-04-05-11712 Year Built 2002
 Manufacturer UNIVERSAL
 Location L7-05-009-00048 Location Description 111/05-03-045-27W3/00 SWB
 Provincial Number PM Activity Code
 Status Codes NOPR ORAS Equipment Status In Service - Fully Utilized

Design Max Temp 149 CEL Design Min Temp -12 CEL Design Standard API 12F
 Firetube Exists Y Fluid Description OIL Fluid Service SWEET
 Insulation Exists Y Internal Coating Exists N Number of Walls SINGLE
 Secondary Containment Skidded Flag Tank Service Date
 Tank Type SURFACE Volume 160.00 M3

PRD Static Data

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

Process Data

Product Description CRUDE OIL 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 LANA BELL Inspection Date 2006.08.11

Inspection Summary

August 11, 2006 - tank was inspected and found to be in overall good condition.

Recommendations

Cleanoff sand from tank lip.
 Adjust bolting on flanged connections in vault.
 Reinspect again in 6 years.
 cc: Tyler Etson
 Gary McKay

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**

Some shortbolting was noted on the flanged connections inside the vault (adjustment is required). Some sand was noted on the tank lip. All other external components of the tank noted to be in good condition.

External NDE Examination**Internal Visual Inspection**

Visual inspection of the tanks internal surfaces did not reveal any concerns at time of inspection.

Internal NDE Examination

Random locations of the tank's floor and lower shell were UT thicknesses tested with some minor metal loss identified. See attached sketch for thicknesses found and approximate locations of tests.

Data Integrity**Inspection Interval**

Change SEIM/SAP to reflect a 6 year 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 LANA BELL Inspector Signature Lana Bell
 Inspection Company HUSKY ENERGY LTD. Date Aug 17 / 06

Lead Inspector's Acceptance & Schedule Confirmation

Lead Inspector RAY TRACHUK Signature Ray Trachuk Date 06-08-21
 Vessel Inspection Interval ☒ Leave as-is / Change to: 6 yr
 PSV Inspection Interval ☐ Leave as-is / Change to: _____

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AREA: Marsden LOCATION: 5-3-45-27W3M
Manufacturer: Universal Year Const: 2002
Shell Thickness: 1/4"
Floor Thickness: 1/4" (0.250")

