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## TANK INSPECTION REPORT

### Inspection Report

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Notification Number 6062389 Work Order 6064949  
 Notification Desc TANK, GLM 64M3 Maintenance Plan QNATANK11685  
 Tasklist Operation ( 5Y Inspection Interval ) 5Y Code Inspection Tank ~~100-bbl~~

### Equipment Static Data

Equipment Number 62045257 Equipment Description TANK, GLM 64M3  
 Class TANK Tag Number T-100  
 Serial Number G-02-244-S1 Year Built 2002  
 Manufacturer GLM  
 Location L7-03-003-00255 Location Description 111/12-31-050-22W3/00 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  
 Enviro Vault Exists YES Fabrication Type SHOP Firetube Exists N  
 Fluid Description WATER 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 400.00 BBL

### PRD Static Data

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

### Process Data

Product Description WATER/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 CRAIG D. Inspection Date 2007.07.25

### Inspection Summary

This tank was inspected by IRIS NDT of Lloydminster. Recommendations and Inspection Intervals are the results of interpreting the data IRIS collected (UT readings) and comments made.  
 Generally the tank is considered to be in fair condition and suitable for continued service.

### Recommendations

Replace the anodes prior to recommissioning the tank.  
 Continue the UT thickness survey on the tank floor and lower shell at next scheduled inspection.

**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 tanks external surfaces were visually inspected and found to be in fair condition.

The tank is skid mounted with the base beneath in fair condition and no concerns noted at time of inspection.

The tank's associated piping was found to be properly aligned and well supported.

**External NDE Examination****Internal Visual Inspection**

Generally the internal surfaces and components of the tank appeared to be in fair condition and suitable for continued service.

The anode protecting the tank was about 10% consumed.

**Internal NDE Examination**

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

**Data Integrity****Inspection Interval**

Due to metal loss identified on the floor shell the inspection interval should remain at five years (60 months).

cc: Brent Dase  
 Shaun Sinclair

**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 CRAIG D. Inspector Signature *Ray Trachuk* CRAIG D.  
 Inspection Company IRIS NDT Date 2007-07-30

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

Lead Inspector RAY TRACHUK Signature *Ray Trachuk* Date 07-07-30  
 Vessel Inspection Interval ☒ Leave as-is Change to: 5yr  
 PSV Inspection Interval ☐ Leave as-is / Change to:

LOCATION 12-31-50-22W3 DATE 2007-07-25 MFG GLM  
YEAR 2002 S/N D02 244 S1 CAP 400 BBL AFE/CC 72120  
FLOOR THK 1/4" SHELL THK 3/16" ROOF THK 3/16"  
SAP # 62045257

