

# Storage Tank External Visual Inspection Report

 **Husky Energy**

Organization: Husky

Inspection Date: 03/09/2009 12:00:00AM

Plant: Heavy Oil & Gas

Equipment ID: 62045231

Asset No: 62045231

System: 0010 100/10-21-045-04W4/02

Operating Unit: L7-01-004-00002 Edgerton West Gas Gat

## Background

Description:	Tank , Glm 64M3
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## Inspection

Inspector:	Ray Trachuk	Company:	Husky Energy	Insulated:	N
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## External Location Categories

Barrier Penetrations:		Damaged Insulation:		Shell to Floor Joint Insulated:		Insulation Rings:	
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## Inspection Comments

ID	Description	Condition	Location	NCR	Comments
T1	Piping	Fair			The tanks associated piping was found to be properly aligned and well supported.

## Inspection Summary

The tanks external surfaces were visually inspected and found to be in fair condition. The tank is skid mounted set inside a steel containment with the base beneath in fair condition with no concerns noted at time of inspection. Generally the tank is considered to be in fair condition and suitable for continued service.

Due to the original shell thickness being only 3/16" and the metal loss identified the inspection interval should be five years (60months)

CC: Al Hinz/Arnie Sommerfeld

**ENTERED**

## Storage Tank External Visual Inspection Report

### Inspection Planning

Date of Inspection: \_\_\_\_\_ Date of last Inspection: \_\_\_\_\_ Date of Next Inspection: \_\_\_\_\_

The signature below certify that the above is a true report of the inspection / test of the equipment specified and consider fit for service until the date of next inspection.

Competent Inspector: \_\_\_\_\_ Report Generation Date: \_\_\_\_\_

### **Reviewed and Accepted by:**

Next Inspection Date: \_\_\_\_\_

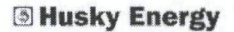
### **Approved by:**

Signature: \_\_\_\_\_  Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



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Inspection Date: 03/09/2009 12:00:00AM

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Operating Unit: L7-01-004-00002 Edgerton West Gas Gat

## Background

Description:	Tank , Glm 64M3
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## Inspection

Inspector:	Ray Trachuk	Company:	Husky Energy	Internal Lining/Coating:	N
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## Inspection Comments

ID	Description	Condition	Location	NCR	Comments
V1	Piping	Fair			The internal piping and supports were found to be in fair condition.
V1	Aluminum Anodes	Fair			The tank is equipped with two cylindrical aluminum anodes which were about 50% consumed.

## Inspection Summary

Generally the internal surfaces and components of the tank appeared to be in fair condition and suitable for continued service. Random locations of the tanks floor and lower shell were UT thickness tested with some minor metal loss identified. See attached sketch for thicknesses found and approximate locations of tests.  
Recommendations: Replace anodes prior to re-commissioning the tank. Continue the UT thickness survey on the tank floor and lower shell at next scheduled inspection.

## Storage Tank Internal Visual Inspection Report

### Inspection Planning

Date of Inspection: \_\_\_\_\_ Date of last Inspection: \_\_\_\_\_ Date of Next Inspection: \_\_\_\_\_

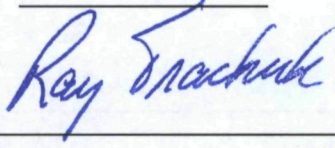
The signature below certify that the above is a true report of the inspection / test of the equipment specified and consider fit for service until the date of next inspection.

Competent Inspector: \_\_\_\_\_ Report Generation Date: \_\_\_\_\_

### **Reviewed and Accepted by:**

Next Inspection Date: \_\_\_\_\_

### **Approved by:**

Signature: \_\_\_\_\_  Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



Equipment #: 62045231  
Description: 400 BBL Tank  
Serial# D02 224 S2  
Location: 10-21-45-4W4  
Notification #:  
Inspection Date: 2009-09-03  
Inspected by: Ray Trachuk

**INSPECTION SUMMARY:**

Generally the tank is considered to be in fair condition and suitable for continued service.

**RECOMMENDATION:**

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

**REPAIRS COMPLETED:**

**NONCOMPLIANCES:**

**EXTERNAL INSPECTION:**

The tanks external surfaces were visually inspected and found to be in fair condition. The tank is skid mounted set inside a steel containment 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:**

**INTERNAL INSPECTION:**

Generally the internal surfaces and components of the tank appeared to be in fair condition and suitable for continued service.  
The tank is equipped with two cylindrical aluminum anodes which were about 50 % consumed.  
The internal piping and supports were found to be in fair to good condition.

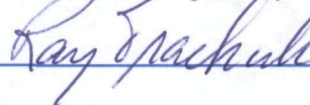
**INTERNAL NDE:**

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

**INSPECTION INTERVAL:**

Due to the original shell thickness being only 3/16" and the metal loss identified the inspection interval should be remain at five years (60 months).

Approved By : Ray Trachuk

 Date: 2009-09-04

cc: Al Hinz, Arnold Sommerfeld

LOCATION 10-21-45-4W4 DATE 2009.09.03 MFG GLM  
YEAR 2002 S/N D02-224-S2 CAP 400 AFE/CC 77210  
FLOOR THK 1/4" SHELL THK 3/16" ROOF THK 3/16"  
SAP # 62045231 Notification. \_\_\_\_\_

