

# Storage Tank External Visual Inspection Report



Organization: Husky

Inspection Date: 23/06/2015 12:00:00AM

Plant: Northwest Alberta

Equipment ID: 66063009

Asset No: 66063009

System: N/A

Operating Unit: Muskwa Booster Stn

## Background

Description:	TANK, AST, 400 BBL, T-700
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## Inspection

Inspector:	Roman Wynnyk	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	General Other (Please Explain)	Good			Nameplate is attached and legible.
T2	General Corrosion	Good			Minor corrosion on the exposed metal.
T3	General Leaks	No			
T4	Vibration	No			
T5	Dissimilar Flange Rating	No			
T6	Ladder/Stairway	Fair			No cage on ladder.
T7	Platform	N/A			
T8	Electrical Ground	Yes			
T9	Cathodic Protection	No			No Anodes in tanks
T11	Coating/Painting	Fair			Painted insulation.
T12	Level Gauge	Good			Attached and secure.
T13	Bottom	Good			
T14	Secondary Containment	Good			C- Ring.
T15	Shell	Good			No visible damage
T16	Roof	Good			
T32	Foundation	Good			Sleepers
T33	Anchor Bolts	No			Welded to sleepers.

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ID	Description	Condition	Location	NCR	Comments
T41	Connections Other (Please explain)	Good			Inlet outlet, and bypass all secure.
T43	Nozzles	Good			No damage or leaks
T48	Inadequate Thread Engagement	No			
T47	Reinforcing Pads	No			
T49	Bolting	Good			
T50	Flanges	Fair			
T61	Insulation Other (Please explain)	Yes			External 2" foam spray on shell and roof.
T62	Damage	Yes			holes on lower section of insulation,

### Inspection Summary

A visual External inspection was performed on the tank. The tank was isolated for entry. All blinds and blanks installed. The tank is set on piles and sleepers. All appear level with adequate support. The tank is a 400 bbl skided tank. The gauge board is attached and functional. The ladder is attached securely to the vertical skid of the tank. There is no cage surrounding the ladder. The level control and high level controller are securely attached. The flanges for the manways are in good condition with no visible corrosion. The insulation on the tank is foam spray with minor damage. There appears to be no bulging. There is no visible damage on the shell, floor, or roof of the tank. The tank is grounded to the plant grid thru a ground cable attached to the skid.

## **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: \_\_\_\_\_