

Storage Tank External Visual Inspection Report



Organization: Husky

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

Plant: Northwest Alberta

Equipment ID: 66063019

Asset No: 66063019

System: N/A

Operating Unit: Muskwa Booster Stn

Background

Description:	TANK, AST, 400 BBL, T-710
--------------	---------------------------

Inspection

Inspector:	Roman Wynnyk	Company:	Husky Energy	Insulated:	N
------------	--------------	----------	--------------	------------	---

External Location Categories

Barrier Penetrations:		Damaged Insulation:		Shell to Floor Joint Insulated:		Insulation Rings:	
-----------------------	--	---------------------	--	---------------------------------	--	-------------------	--

Inspection Comments

ID	Description	Condition	Location	NCR	Comments
T1	General Other (Please Explain)	Good			Overall condition is good. Nameplate is attached and legible.
T2	General Corrosion	Fair			Surface corrosion visible on frame and piping
T3	General Leaks	No			
T4	Vibration	N/A			
T5	Dissimilar Flange Rating	No			
T6	Ladder/Stairway	Fair			Ladder attached but no cage around ladder
T7	Platform	N/A			
T8	Electrical Ground	Yes			Back to plant ground system.
T9	Cathodic Protection	No			No anodes
T10	Painted Inactive Corrosion	No			
T11	Coating/Painting	Fair			
T12	Level Gauge	Fair			gauge board attached.
T13	Bottom	Good			
T14	Secondary Containment	Good			c-Ring.
T15	Shell	Good			No visible damage.

Storage Tank External Visual Inspection Report

ID	Description	Condition	Location	NCR	Comments
T16	Roof	Good			Appears intact.
T31	Supports Other (Please explain)	Good			Steel skid
T32	Foundation	Good			piles
T43	Nozzles	Good			
T48	Inadequate Thread Engagement	No			
T49	Bolting	Good			
T50	Flanges	Good			
T61	Insulation Other (Please explain)	Fair			Minor cuts and cracks in insulation noted around the tank.

Inspection Summary

A Visual External inspection was performed on the tank. The tank is a 400 bbl skidded tank set on piles and a steel frame it is set approx. 2 feet above the ground. The underside of the tank is also set on skids. The piles appear to be straight with no tilting of the tank. The ladder is attached to the skid of the tank, however there is no cage leading up the ladder. The gauge board is securely attached to the outside of the tank. The exterior piping is securely attached to the tank with no missing bolting or visible corrosion on the flanges. The firetube flange is in good condition with minor coating chips from cleaning. Coating damage was repaired using Devco 142 patch coat. The tank is insulated with spray foam insulation and is in fair condition.

Unload box is securely attached to tank and insulated. The Firetube for the burner is attached at the top of the tank. Remaining piping is tight with no leaks visible. No NCRs or IDRs were issued at this inspection. Tank appears fit for continued service.

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: _____