

Storage Tank External Visual Inspection Report



Organization: Husky

Inspection Date: 16/12/2014 12:00:00AM

Plant: Lloydminster Production

Equipment ID: 1000008038

Asset No:

System: 00002 MORGAN 10-34-051-04W4 TREAT

Operating Unit: H1-01-006 MORGAN

Background

Description:	TANK, GLM 120M3 STORAGE
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Inspection

Inspector:	Ray Trachuk	Company:	Husky Energy	Insulated:	Y
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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
T6	Ladder/Stairway	Fair			Acceptable
T7	Platform	Fair			Acceptable
T11	Coating/Painting	Fair			Acceptable
T14	Secondary Containment	Yes			Acceptable
T15	Shell	Fair			Acceptable
T16	Roof	Fair			Acceptable
T32	Foundation	Fair			Set on timbers - Acceptable
T41	Connections Other (Please explain)	Fair			Associated Piping - Acceptable
T61	Insulation Other (Please explain)	Fair			Acceptable

Storage Tank External Visual Inspection Report

Inspection Summary

Generally the tank is considered to be in fair condition and suitable for continued service. It should be noted that this tank although being built in 2008 has never been in service.

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

The insulation was found to be in fair condition with no concerns noted.

The tank base is in fair condition with no concerns noted at time of inspection.

The tank is set on timbers inside a steel containment.

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

See attached Internal Visual Inspection report for additional details and recommendations.

cc: Barry Boddy, Tracy Burnard, Marc Case

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: 2019

Approved by:

Signature: Ray Trachuk Date: 2014-12-19

Signature: _____ Date: _____

Storage Tank Internal Visual Inspection Report



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Inspection Date: 16/12/2014 12:00:00AM

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Background

Description:	TANK, GLM 120M3 STORAGE
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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
V7	Welds	Fair			Acceptable
V8	Nozzles	Fair			Acceptable
V9	Shell	Fair			Acceptable
V10	Roof	Fair			Acceptable
V21	Internals Other (Please explain)	Fair			1" heating coil - Acceptable
T11	Floor	Fair			Acceptable

Inspection Summary

Generally the internal surfaces and components of the tank appeared to be in fair condition and suitable for continued service. It should be noted that this tank although being built in 2008 has never been in service. The internal 1" heating coil and supports were found to be in fair to good condition. Random locations of the tank's floor and lower shell were UT thickness tested with some minor metal loss identified. The lowest thickness identified was found to be 0.183". See attached sketch for thicknesses found and approximate locations of tests.

Recommendations:

Continue the UT thickness survey on the tank floor and lower shell at next scheduled inspection.

cc: Barry Boddy, Tracy Burnard, Marc Case

Storage Tank Internal Visual Inspection Report

Inspection Planning

Date of Inspection: _____ Date of last Inspection: _____ Date of Next Inspection: _____

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Competent Inspector: _____ Report Generation Date: _____

Reviewed and Accepted by:

Next Inspection Date: 2019

Approved by:

Signature: Ray Vlachuk Date: 2019-12-19

Signature: _____ Date: _____

LOCATION Morgan Battery DATE 2014-12-16 MFG GLM
YEAR 2008 S/N 08-291-14 CAP 750 BBL AFE/CC 80028615
FLOOR THK 1/4" SHELL THK. 3/16" ROOF THK. 3/16"
SAP # 1000008038

