



Tank Inspection Report

Location: 100/5-27-48-2.W4 Tank Type: Tank 2 Date: Sept 12, 2018
Mfg: Universal Year blt: 2012 S/N: 023685-7 CAP: 1000 bbl
Floor Thk: 1/4" Shell Thk: 1/4" 3/16" Roof Thk: 3/16"
Requisitioned by: Mike Hein Approver: Mike Hein Approver Code: 27-02020569
WO #: 80041309 PO#: 8401285686 CC: _____ SAP #: 66194665

EXTERNAL INSPECTION:

ID	Item	Yes	Good	N/A	See Notes
	GENERAL				
T1	Other (Please Explain)				
T2	Corrosion			✓	
T3	Leaks			✓	1
T4	Vibration			✓	
T5	Dissimilar Flange Rating			✓	
T6	Ladder/Stairway	✓	✓		
T7	Platform	✓	✓		
T8	Electrical Ground	✓	✓		
T9	Cathodic Protection			✓	
T10	Painted Inactive Corrosion			✓	
T11	Coating/Painting			✓	
T12	Level Gauge	✓	✓		
T13	Bottom	✓	✓		2
T14	Secondary Containment	✓	✓		
T15	Shell	✓	✓		
T16	Roof	✓	✓		
T17	Agitator/ Mixer			✓	
	SUPPORTS				
T31	Other (Please Explain)				
T32	Foundation			✓	
T33	Anchor Bolts			✓	
T34	Windgirders			✓	
	CONNECTIONS				
T41	Other (Please explain)				
T42	Small Branches			✓	
T43	Nozzles	✓	✓		
T44	Pipe Manifolds			✓	
T45	Swing Lines			✓	
T46	Manways/Hatches	✓	✓		
T47	Reinforcing Pads			✓	
T48	Inadequate Thread Engagement			✓	
T49	Bolting			✓	
T50	Flanges	✓	✓		
T51	Leak Clamps			✓	
	INSULATION				
T61	Other (Please explain)				
T62	Damage			✓	
T63	Penetrations	✓	✓		
T64	Jacket			✓	
T65	Banding			✓	
T66	Seals/Joints			✓	
	RELIEF DEVICE				
T7t	Other (Please explain)				
T72	Corrosion			✓	
T73	Leaks			✓	
T74	Restricted InleOutlet			✓	
T75	Manual Operation Lever			✓	

INTERNAL INSPECTION:

ID	Item	Yes	Good	N/A	See Notes
	GENERAL				
T1	Other (Please Explain)				
T2	Corrosion	✓			4
T3	Erosion			✓	
T4	Distortion			✓	
T5	Blisters			✓	
T6	Deposits	✓			3
T7	Welds	✓	✓		
T8	Nozzles	✓	✓		
T9	Shell	✓	✓		
T10	Roof	✓	✓		
T11	Floor	✓	✓		
	GENERAL				
T21	Other - Firetube	✓	✓		
T21	Other - Anodes			✓	
T22	Annular Ring			✓	
T23	Sump			✓	
T24	Roof Supports			✓	
T25	Thermowells	✓	✓		
T26	Metallic Linings			✓	
T27	Non Metallic Linings			✓	
T28	Internal Steam Coil / other Piping			✓	
T29	Level Gauge	✓	✓		
T30	Other Welded Attachments	✓	✓		
	Backwelding Req'd			✓	

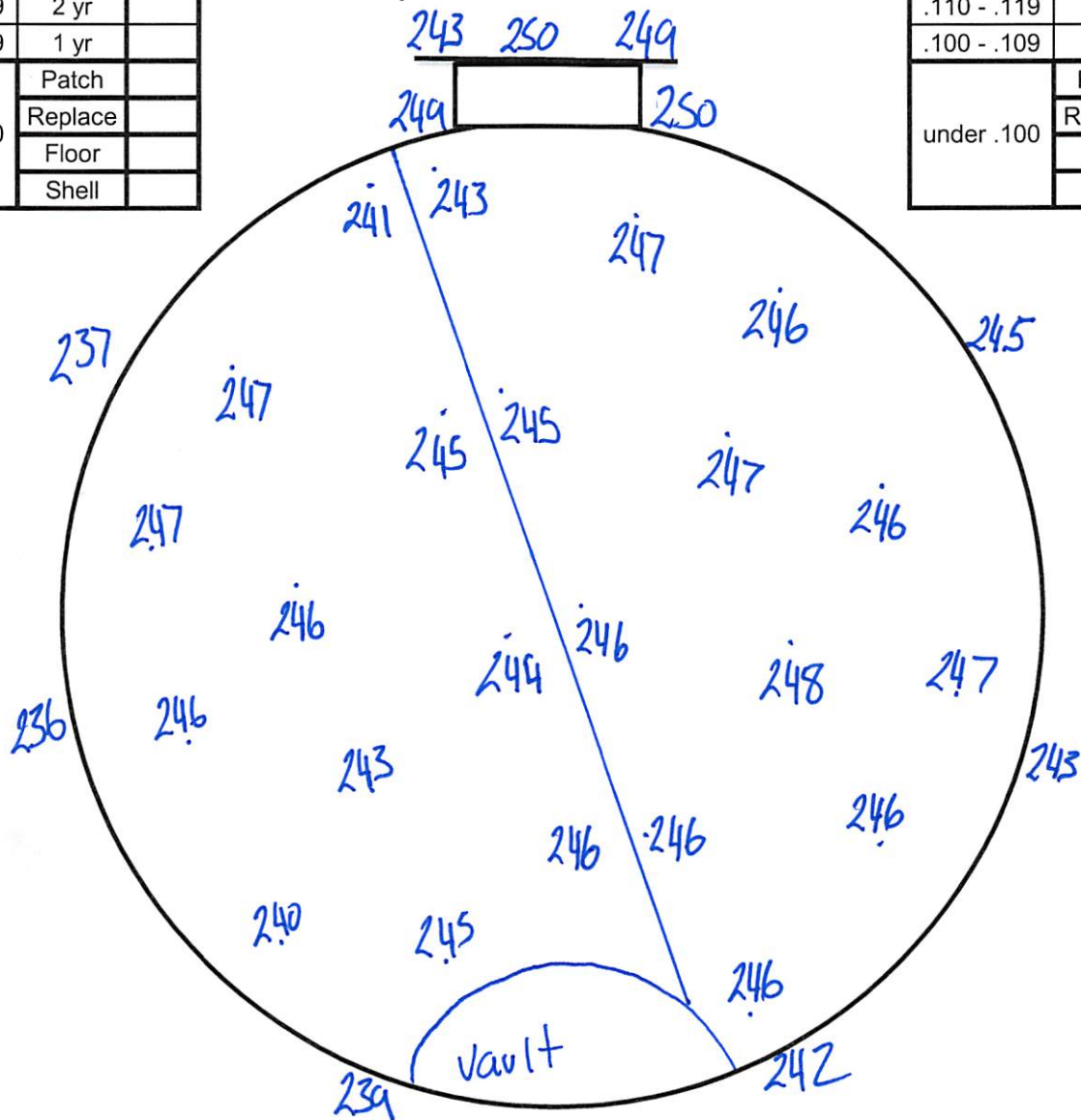
[illegible]

Without MFE		
.170 - up	5 yr	✓
.160 - .169	4 yr	
.150 - .159	3 yr	
.140 - .149	2 yr	
.130 - .139	1 yr	
under .130	Patch	
	Replace	
	Floor	
	Shell	

S/N: 023685-7 Tank 2

Location: 100/5-27-48-2W4

With MFE		
.140 - .150	5 yr	
.130 - .139	4 yr	
.120 - .129	3 yr	
.110 - .119	2 yr	
.100 - .109	1 yr	
under .100	Patch	
	Replace	
	Floor	
	Shell	



Comments:

Tank In Good Overall Condition For A 5YR Turnaround.
 NO Repairs Required

Inspected by: Stephen Bryan

Date: Sept 12, 2018

Husky Inspector: [Signature]

Date: 11-Dec-2018

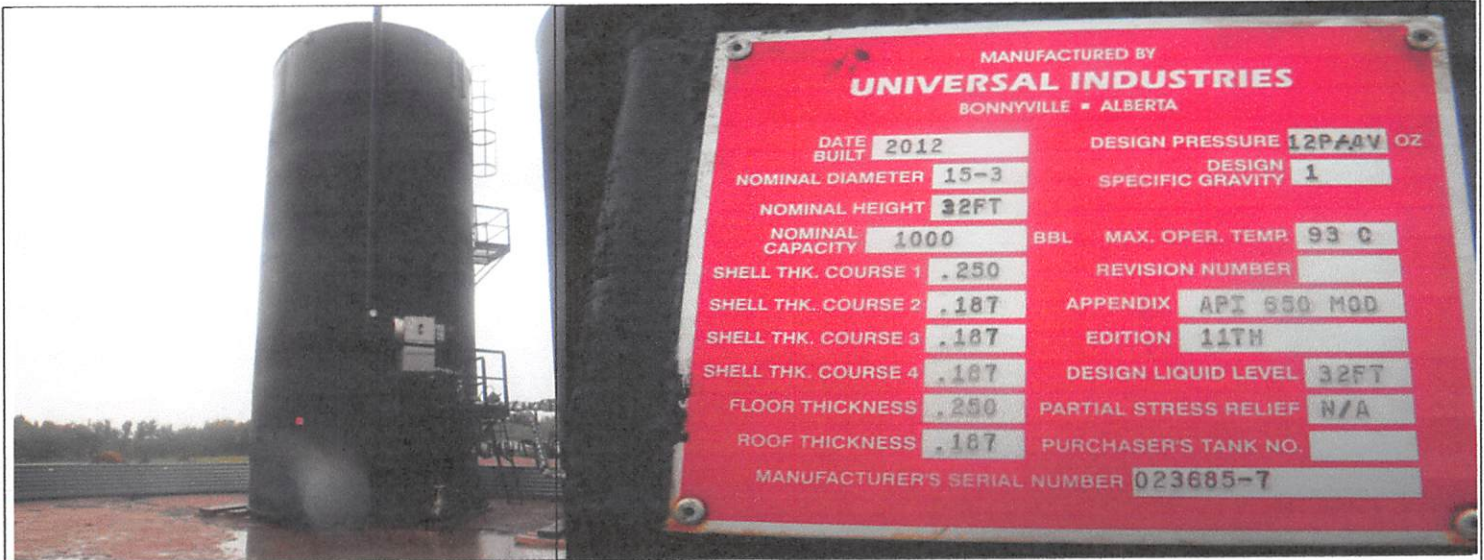
Type of Inspection: VT Rev: 3.0
Test Technique: UT thickness(4.2)
Equipment: DMS2 / FLASHLIGHT GRINDER
Code / Standard: client information

Client: HUSKY OIL OPERATIONS
IRISNDT #: LYN1801417
Location: 100/ 5-27-48-2 W4M
Item Inspected: 1000 bbl tank 2 s/n# 023685-7

Date: 12-Sep-18
Other: 80041309
PO #: 8401285686

a UT and visual inspection was carried out as requested on 1000bbl tank, refer to attached pages for results:

1000bbl tank S/N# 023685-7 Tank in good overall condition for a 5yr turnaround. no repairs required



DMS 2 S/N# 31074 CAL DATE : JAN3 2018.

F2HE PROBE S/N# SCA0690

Approver: Michael Hein ZZ-02020569

Requested by Michael Hein

Inspection Limitation(s): shale deposits on shell and piping.rusty floor surface, scale buildup.

Unit#: 767 Kilometers: 0
In: Out: Hrs:
In: Out: Hrs:

Personnel:
STEPHEN BRYAN / BRAYDEN MCGINNIS

Consumables:
MIN

Interpretation by:

(Print) Stephen Bryan

(Sign)

SNT-TC-1A: _____

C.G.S.B.: _____

(Level)

C.G.S.B #: 12459

Client Representative:

(Print) Karen Hawryluk

I am in full
agreement with
report contents

(Sign)