



Tank Inspection Report

Location: A4-19-50-20W3

Tank Type: TANK 2

Date: June 26. 2018

Mfg: Universal

Year blt: 2004

S/N: 04.03.26.13111

CAP: 1000 bbl

Floor Thk: $\frac{1}{4}$ "

Shell Thk: $\frac{1}{4}''$ $\frac{3}{16}''$

Roof Thk: $\frac{3}{16}$ "

Requisitioned by: Steve Hughes

Approver: Angela Lowe

Approver Code: 27-2013152

WO #: 81304614

PO#: 8401273069

CC: _____

SAP #: 62056605

EXTERNAL INSPECTION:

ID	Item	Yes	Good	N/A	See Notes
	GENERAL				
T1	Other (Please Explain)				
T2	Corrosion			✓	
T3	Leaks			✓	
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	✓			1
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	✓			2
T3	Erosion			✓	
T4	Distortion			✓	
T5	Blisters			✓	
T6	Deposits	✓			3
T7	Welds	✓	✓		
T8	Nozzles	✓	✓		
T9	Shell	✓	✓		
T10	Roof	✓	✓		
T11	Floor	✓	✓		4
	GENERAL				
T21	Other - Firetube	✓			5
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]

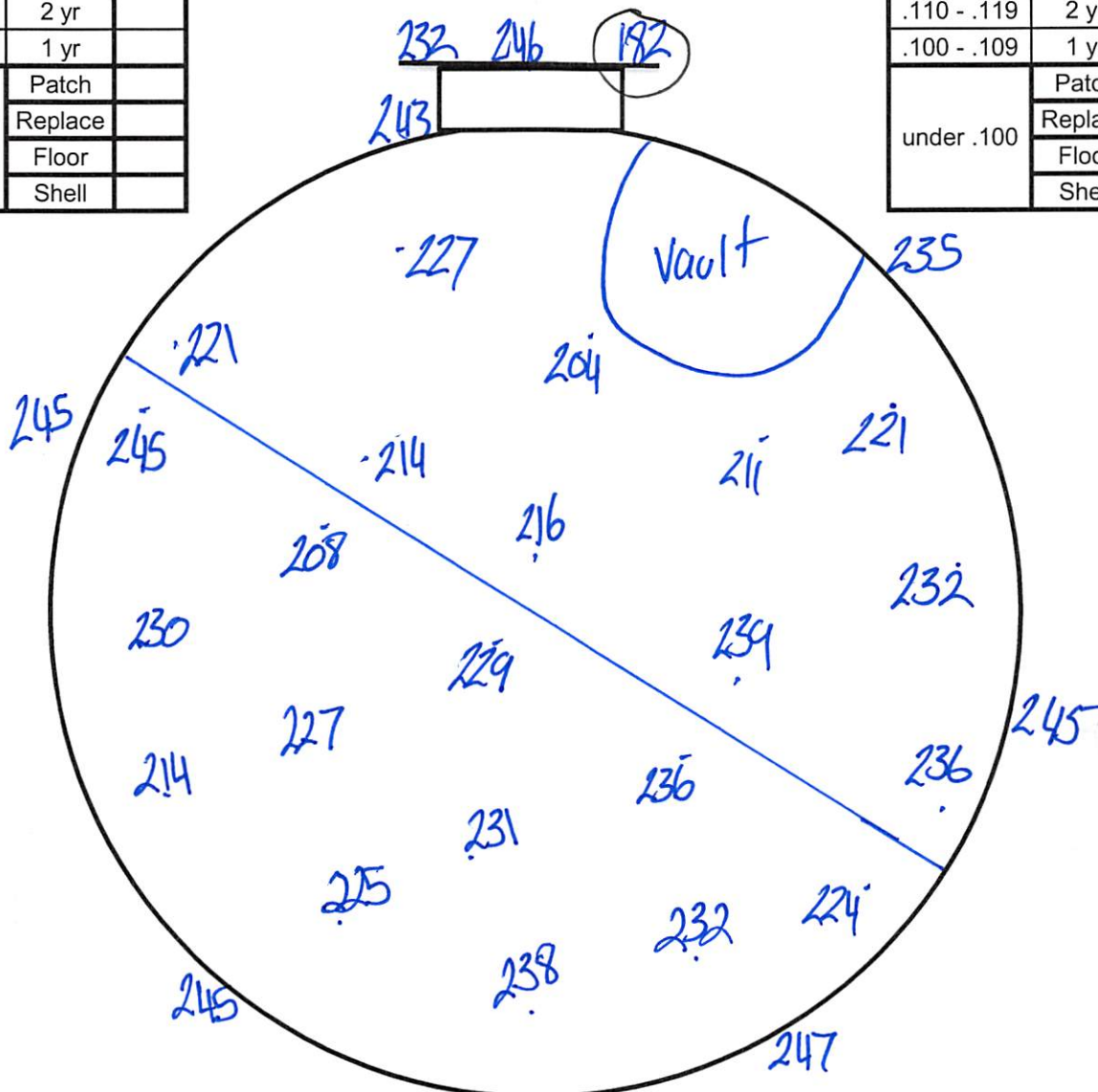


Without MFE		
.170 - up	5 yr	✓
.160 - .169	4 yr	
.150 - .159	3 yr	
.140 - .149	2 yr	
.130 - .139	1 yr	
under .130	Patch	
	Replace	
	Floor	
	Shell	

R.L. S/N: 04.03.26.13111 TK2

Location: A4-19-50-20W3

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:

Heavy Surface Scale Buildup on the Floor, Lowest Reading of 0.204" on the Floor. Low of 0.182" on shell.

Replace the Firetube. 5YR Turnaround.

Inspected by:

Stephen Bryan

Date:

June 26, 2018

Husky Inspector:

Date:

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 #: LYN1800931

Location: A4-19-50-20 W3M

Item Inspected: 1000 bbl tank 2 s/n# 04.03.26.13111

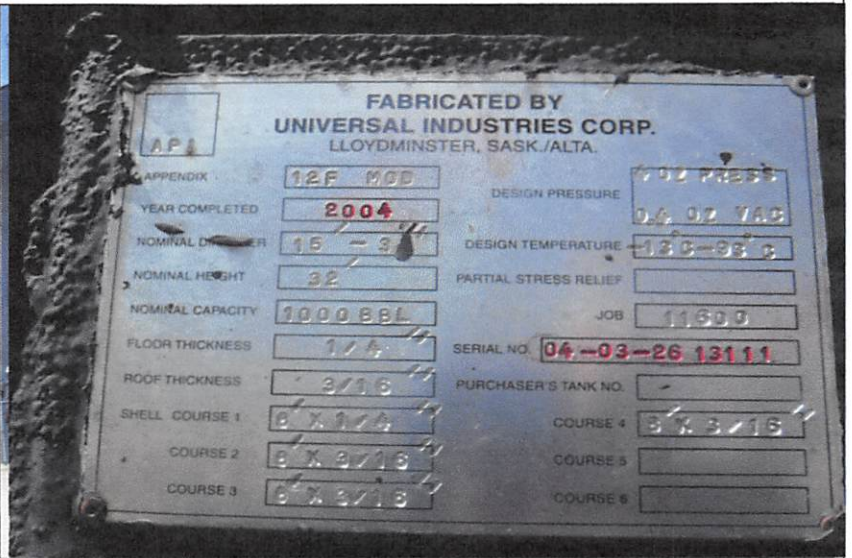
Date: 26-Jun-18

WO #: 81304614

PO #: 8401273069

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

1000bbl tank 2 S/n 04.03.26.13111: replace the firetube, 5yr turnaround with tube.



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

F2HE PROBE S/N# SCA0690

APPROVER: ANGELA LOWE 2Z-2013152

Inspection Limitation(s): oil/ shale on the shell and piping. heavy scale buildup on the floor.

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

Personnel:
STEPHEN BRYAN / BRAYDEN MCGINNIS

Consumables:
MIN

Interpretation by:

Stephen Bryan

(Print)

[Signature]

(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)

[Signature]

5311 - 86 Street NW, Edmonton, Alberta T6E 5T8 Phone (780) 437-4747 Fax (780) 436-4873
Calgary (403) 279-6121 Cold Lake (780) 826-6105
Lloydminster (780) 875-6455 Fort McMurray (780) 743-1536
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