

CA1101-NDT-156 P3/4



Tank Inspection Report

Location: 121/B14-11-49-27W3

Tank Type: Production

Date: Aug.2.2018

Mfg: GLM

Year blt: 2000

S/N: G00 297 S1

CAP: 1000 bbl

Floor Thk: 1/4"

Shell Thk: 1/4"-3/16"

Roof Thk: 3/16"

Requisitioned by: Dale Luedtke

Approver: Conrad Hahn

Approver Code: 2Z-2009797

WO #: 81300938

PO#: 8401237728

CC:

SAP #: 62024129

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				
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					
T71	Other (Please explain)				
T72	Corrosion				
T73	Leaks				
T74	Restricted Inlet/Outlet				
T75	Manual Operation Lever				

INTERNAL INSPECTION:

ID	Item	Yes	Good	N/A	See Notes
GENERAL					
T1	Other (Please Explain)				
T2	Corrosion				
T3	Erosion				
T4	Distortion				
T5	Blisters				
T6	Deposits				
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					

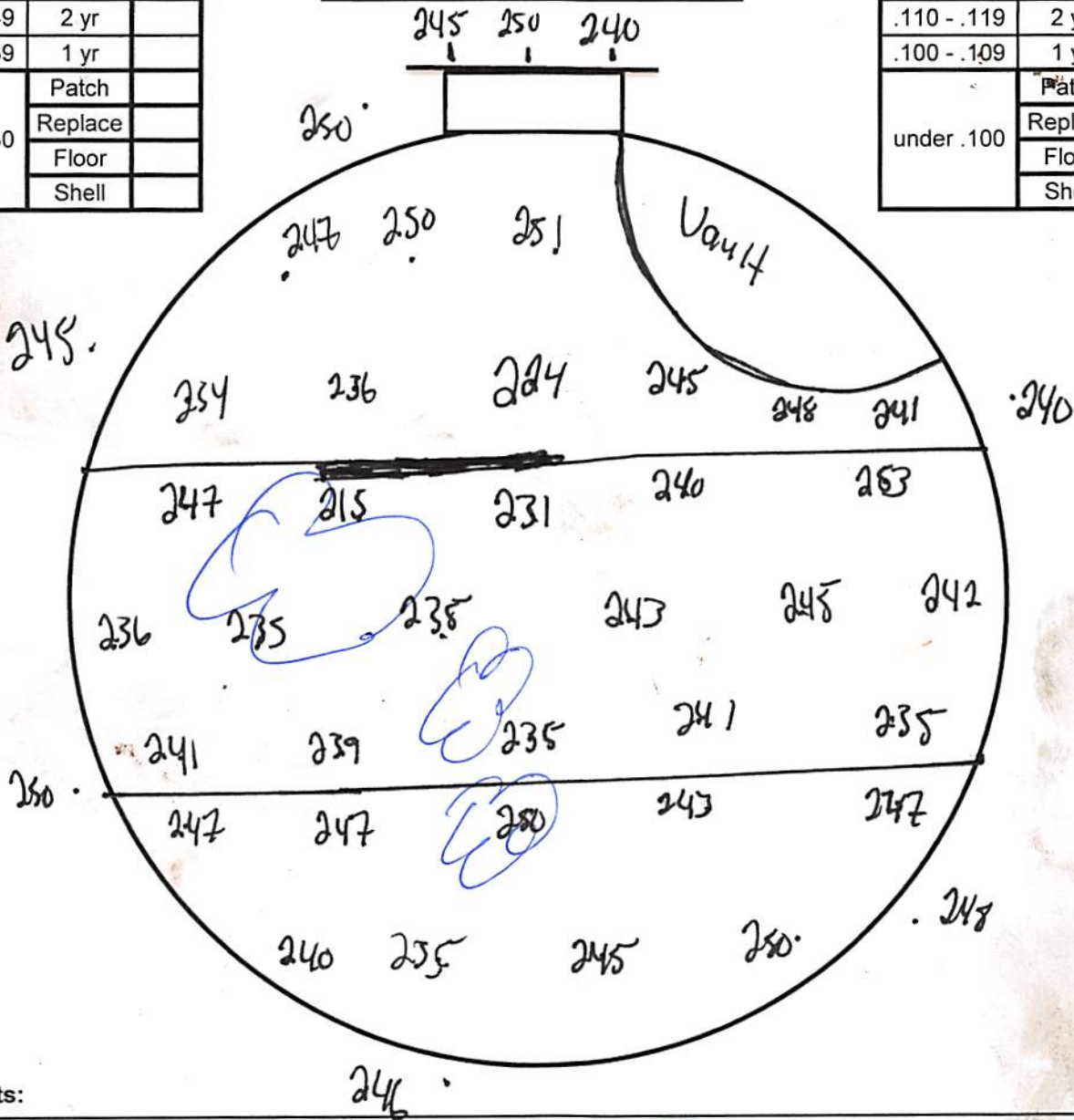
ID	Notes
1	* Leaking evident at Firetube appeared to also be leaking from throat - Stripped insulation on arch of throat No corrosion / hole evident Recommend New Basket
2	* Fill / grind sting gauges in floor
3	* Brace 1" vault riser

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: G00 297 S1

Location: 121/B14-11-49-27w3

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:

- Fix string marks on floor =

Inspected by:

Sheldon Trachuck

Date:

Aug. 2.18

Husky Inspector:

Date:

Type of Inspection: VT / UT Rev: n/a
Test Technique: Visual / UT / thickness inspection
Equipment: DMS GO+ , Generator , Grinder
Code / Standard: Client Spec.

Client: HUSKY OIL OPERATIONS LIMITED
IRISNDT #: LYN1801173
Location: 121/B14-11-49-27w3
Item Inspected: 1000BBL Tank

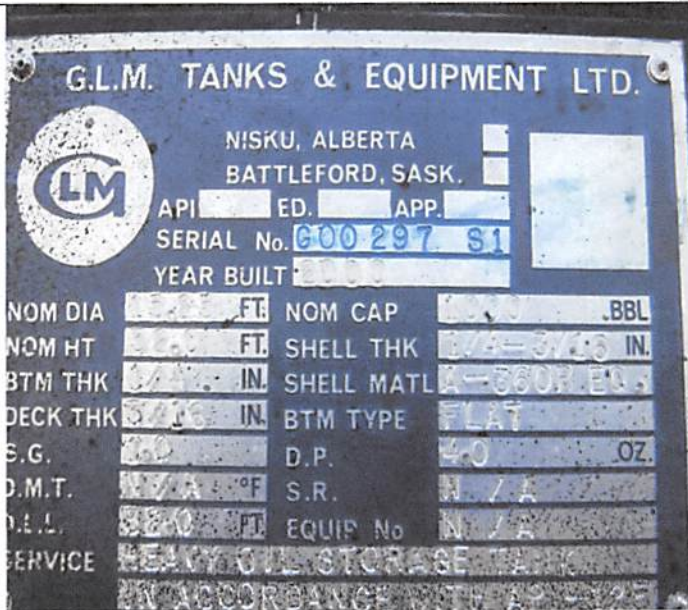
Date: 02-Aug-18
WO #: 81300938
PO #: 8401237728

A Visual / UT inspection was carried out as requested on (1) - 1000BBL Tank
@ 121/B14-11-49-27w3

Tank sn# G00 297 S1

Recommendations / Notes of inspection :

- Moderate leaking evident at firetube flange - area of oil appeared to be seeping from firetube throat - area was stripped and no sign of hole / corrosion was evident in area - Heavy leaking evident from gasket area - Recommend new gasket and monitor area
- Fill/Grind sting gouges in floor
- Brace 1" Vault riser



For additional inspection results see attached inspection sheets.

REQ:Dale Luedtke APP: Conrad Hahn 2Z-2009797

Inspection Limitation(s):

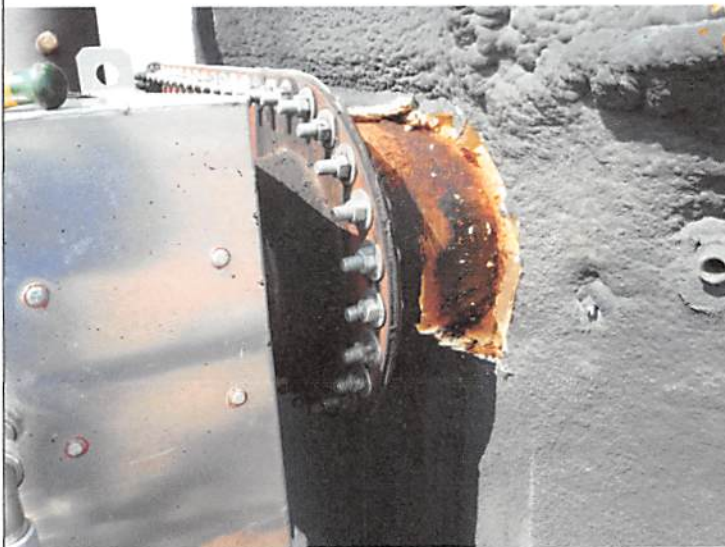
Unit#: 1000 Kilometers: _____ In: _____ Out: _____ Hrs: _____ In: _____ Out: _____ Hrs: _____ Personnel: Sheldon Trachuk Brady Harvey	Consumables: MIN	Interpretation by: Sheldon Trachuk (Print) _____ (Sign) _____ Client Representative: (Print) Karen Hawryluk (Sign) _____ I am in full agreement with report contents	SNT-TC-1A: 1 C.G.S.B.: UT-2 (Level) C.G.S.B #: 11405
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Firetube bolts seeping Heavily



Area of oil running down shell



Area of insulation stripped - No corrosion / hole evident - insulation oil soaked



Areas of fill / grind sting gouge marks in floor

IRISNDT #: LYN1801173

Date: 02-Aug-18

Sheldon Trachuk

Client: HUSKY OIL OPERATIONS LIMITED

(Print)

(Sign)

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