



Tank Inspection Report

Location: 141/8-2-49-28 w3

Tank Type: Tank 1 Prod

Date: Oct 11 2016

Mfg: Carlisle IND.

Year blt: 2005

S/N: 604406-10

CAP: 750 bbl

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

Shell Thk: 3/16"

Roof Thk: $3/16"$

Requisitioned by: **Mike Bowers**

Approver: Mike Bowers

Approver Code: 2Z-2015573

WO #: PO#: 8401084588

CC: 800 46189

SAP #: 66159232

EXTERNAL INSPECTION:

ID	Item	Yes	Good	N/A	See Notes
	GENERAL				
T1	Other (Please Explain)				
T2	Corrosion	/		/	
T3	Leaks	/		/	5
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	/	/		1
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 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	///		///	3
T7	Welds	///	///		
T8	Nozzles	///	///		
T9	Shell	///	///		
T10	Roof	///	///		
T11	Floor	///	///		
	GENERAL				
T21	Other - Firetube	///			2
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 Attachements	///	///	///	4
	Backwelding Req'd			///	

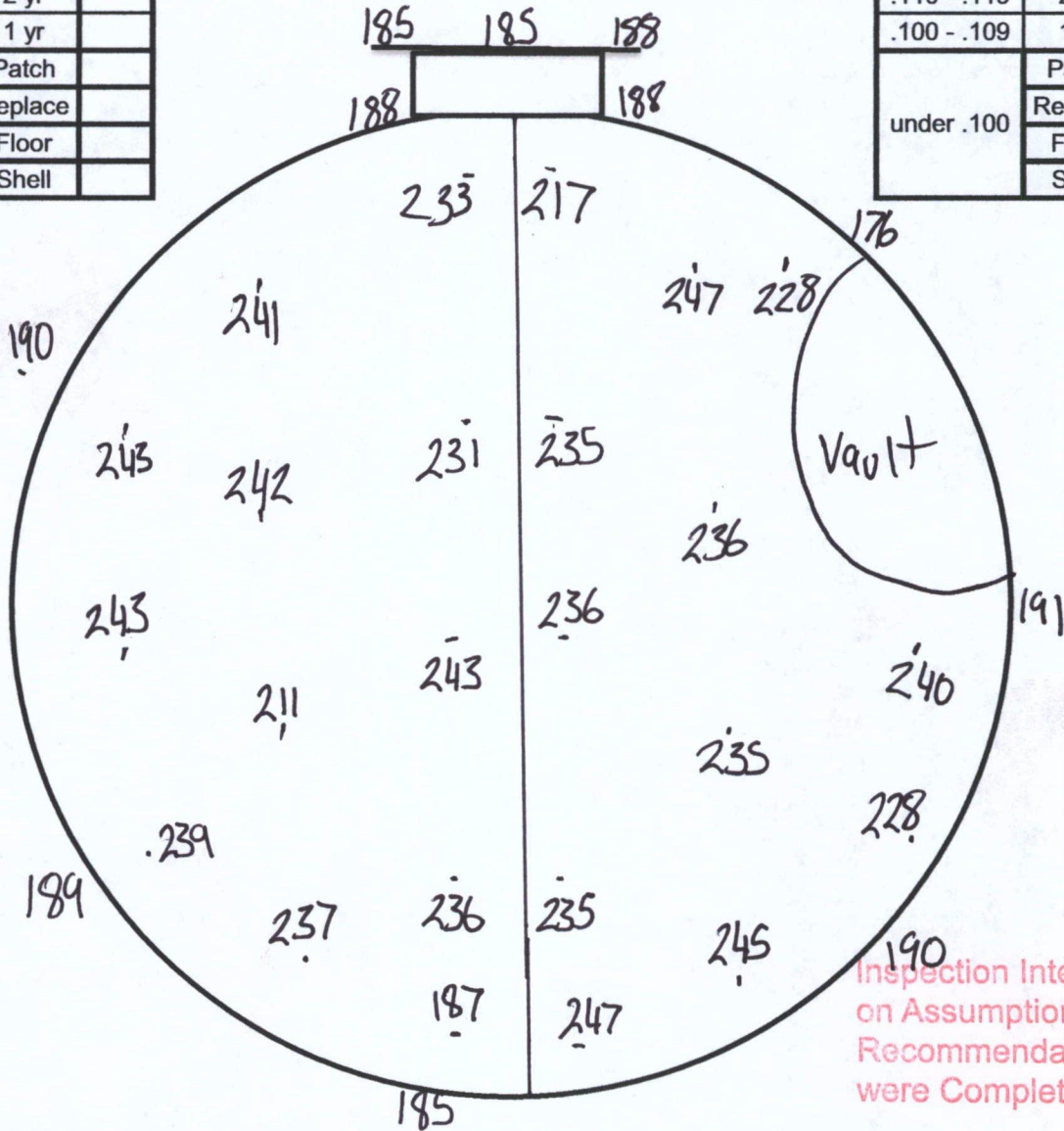
ID	Notes
1	Tank is on ring. Ring is Broken
2	Due to burner assembly + heavy soot Build up no visual down firetube Recommend Blowing out + Reinspecting.
3	Oil sand & Scale Build up on shell + Piping
4	Recommend Bracing the 1" 11'-6" Riser in the vault.
5	evidence of leaking at the firetube flange

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: 004406-10

Location: 141/8-2-49-28 w3

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	☐



Inspection Interval Based
on Assumption that
Recommendations
were Completed

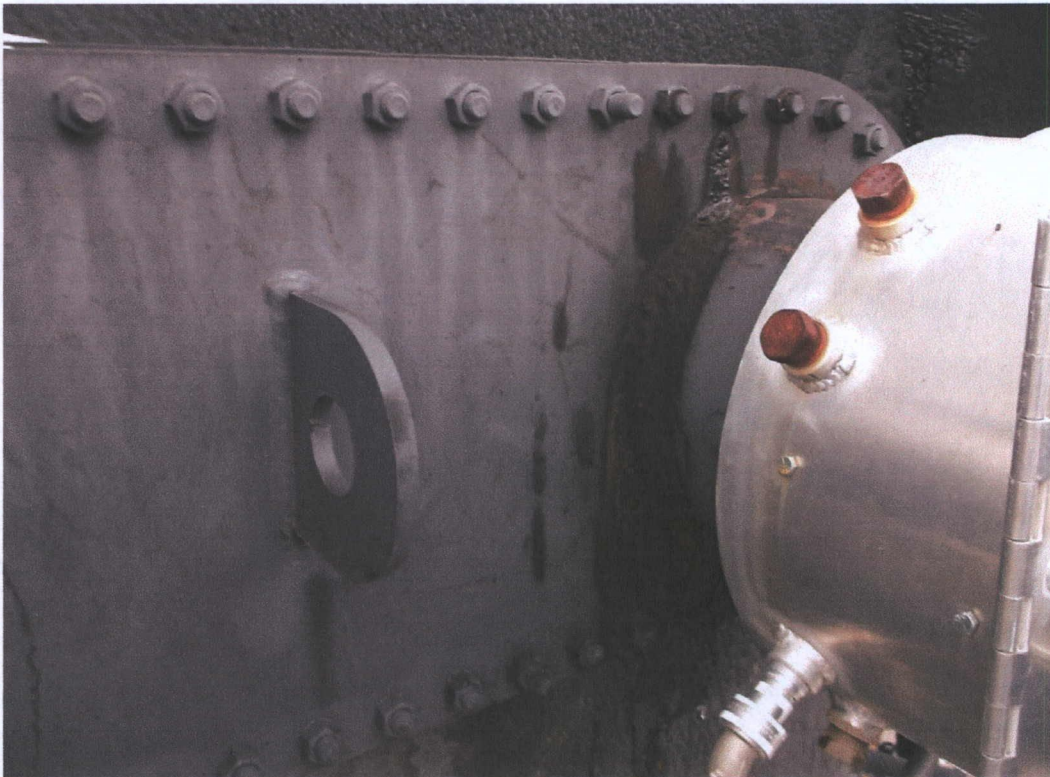
Comments:

Inspected by: Logan Skinner

Date: Oct 11, 2016

Husky Inspector: Shane Nease

Date: Oct 18, 2016



Firetube flange leak

Type of Inspection: VT / UT

Test Technique: Visual / UT thickness inspection

Equipment: DMS 2, Generator, Grinder

Code: CLIENT SPEC/ CLIENT INFO

Client: Husky Operations

IRISNDT #: LYD1601377

Location: 141/8-2-49-28w3

Item Inspected: 750BBL Tank

Date: 11-Oct-16

Other: 80046189

PO #: 8401084588

Inspection Results: Visual / UT Inspection was carried out on 1 -750BBL Tank @ 141/8-2-49-28w3

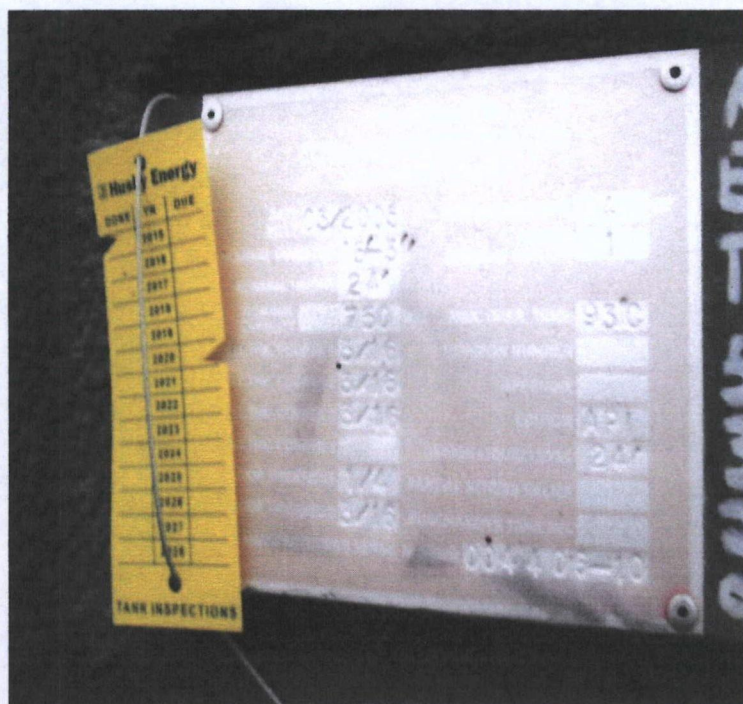
Tank SN# 004406-10

Recommendations of inspection:

-Due to burner assembly and soot build up in firetube there is no visual. recommend blowing out and re-inspecting

-recommend bracing the 1" riser in vault

-evidence of the firetube flange leaking should be re-torqued



For additional inspection results see attached inspection sheets.

REQ: Mike Bowers @ Husky Energy

Approver: Mike Bowers 22-2015573

Unit#: 667

Kilometers: 20

In: 1530 Out: 1700 Hrs: 1.5

In: Out: Hrs:

Personnel:
Logan Skinner
Brayden McGinnis

Consumables:

---MIN---

Interpretation by:

Logan Skinner
(Print)

SNT-TC-1A: 1

C.G.S.B.: UT-1
(Level)

C.G.S.B. #: 17159

(Signature)
Client Representative:
(Print)

I am in full
agreement with
report contents

(Sign)