



Tank Inspection Report

Location: 15-10-51-24W3M

Tank Type: Production

Date: 7-July-2020

Mfg: Foremost

Year blt: 2013

S/N: 028328-1 T-101

CAP: 1000 bbl

Floor Thk: 1/4"

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

Roof Thk: 3/16"Requisitioned by: Dave Jewitt

Approver: David Hinz

Approver Code: 2Z-10005709

WO #: US-062179-00-01-TI

PO#: 8401417768

CC:

SAP #: 1000000993

EXTERNAL INSPECTION:

ID	Item	Yes	Good	N/A	See Notes
	GENERAL				
T1	Other (Please Explain)			x	
T2	Corrosion			x	
T3	Leaks			x	
T4	Vibration			x	
T5	Dissimilar Flange Rating			x	
T6	Ladder/Stairway	x	x		
T7	Platform	x	x		
T8	Electrical Ground	x			1
T9	Cathodic Protection			x	
T10	Painted Inactive Corrosion			x	
T11	Coating/Painting	x	x		
T12	Level Gauge	x	x		
T13	Bottom	x	x		
T14	Secondary Containment	x	x		
T15	Shell	x	x		
T16	Roof	x	x		
T17	Agitator/ Mixer			x	
	SUPPORTS				
T31	Other (Please Explain)			x	
T32	Foundation	x	x		2
T33	Anchor Bolts			x	
T34	Windgirders			x	
	CONNECTIONS				
T41	Other (Please explain)				
T42	Small Branches			x	
T43	Nozzles	x	x		
T44	Pipe Manifolds			x	
T45	Swing Lines			x	
T46	Manways/Hatches	x	x		
T47	Reinforcing Pads	x	x		
T48	Inadequate Thread Engagement	x	x		
T49	Bolting			x	
T50	Flanges	x	x		
T51	Leak Clamps			x	
	INSULATION				
T61	Other (Please explain)			x	
T62	Damage			x	
T63	Penetrations	x	x		
T64	Jacket			x	
T65	Banding			x	
T66	Seals/Joints			x	
	RELIEF DEVICE				
T7t	Other (Please explain)	x			3
T72	Corrosion			x	
T73	Leaks			x	
T74	Restricted InleUOutlet			x	
T75	Manual Operation Lever			x	

INTERNAL INSPECTION:

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

[illegible]



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Date: 7-Aug-2020

Date:

Type of Inspection: UT/Vis	Rev: N/A	Client: HUSKY OIL OPERATIONS	Date: 2020-Aug-07
Test Technique: o-deg/ Floor Scan		IRISNDT #: LYN2000727	WO #: US-062179-00-01-TI
Equipment: DMS2 /Flashlight/ MK 4 Floor scanner		Location: 15-10-51-24W3M	PO #: 8401417768
Code/Standard: Client Information		Item Inspected: T-101 Production tank	Appr# 2Z-10005709

Inspection Results: Appr: David Hinz

Requisitioner: Dave Jewitt

A Visual examination UT thickness and MFL floor scan was carried out on the following 1000 Bbl tank for the purpose of determining tank condition and inspection interval. See attached pages for MFE results, UT thickness readings and observations.

Name Plate	Overview

INSPECTION RESULTS:

MFL examination indicated a 4" X 4" low floor thickness area 60% wall loss

Install a 12" Diameter floor lap patch

Patch coat 5 internal shell areas

Strip insulation from the top of the fire tube throat, Manway, vault, and 2" up the floor to shell, buff and paint black to prevent UIC

See attached pages for Photos

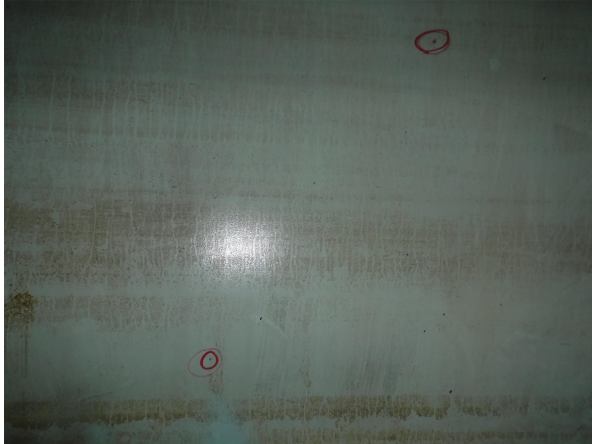
Inspection Limitation(s): First course Internal access only

Unit#: 1039 Kilometers: 0 In: _____ Out: _____ Hrs: _____ In: _____ Out: _____ Hrs: _____ Personnel: Tristan Sommerfeld Jordan Ross	Consumables: min	Interpretation by: Tristan Sommerfeld (Print) (Sign) _____ Client Representative: (Print) _____ I am in full agreement with report contents (Sign) _____	SNT-TC-1A: _____ API-653 (Level) _____ CERT #: 98310
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Typical Isolated internal coating failures



Floor patch area found with MFE scan 12" Diameter



UIC suspected on fireube throat



Floor to shell water/ mud saturation

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Tristan Sommerfeld

(Print)

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top of Vault growing moss



Top of manway growing moss and corroding

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