



P 2 of 3

Tank Inspection Report

Location: 100/16-17-048-06W4

Tank Type: Production

Date: May 22, 2019

Mfg: Foremost Universal

Year blt: 2013

S/N: 029087-3

CAP: 1000 bbl

Floor Thk: 1/4"

Shell Thk: 1/4" 3/16"

Roof Thk: 3/16"Requisitioned by: Randy Chuirka

Approver: Aron Horpestad

Approver Code: 2Z-02014937

WO #: 81392404

PO#: 8401358779

CC:

SAP #: 66222420

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				
T7t	Other (Please explain)				
T72	Corrosion				
T73	Leaks				
T74	Restricted InleUOutlet				
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	✓	✓		1
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	✓	✓		
	Backwelding Req'd			✓	

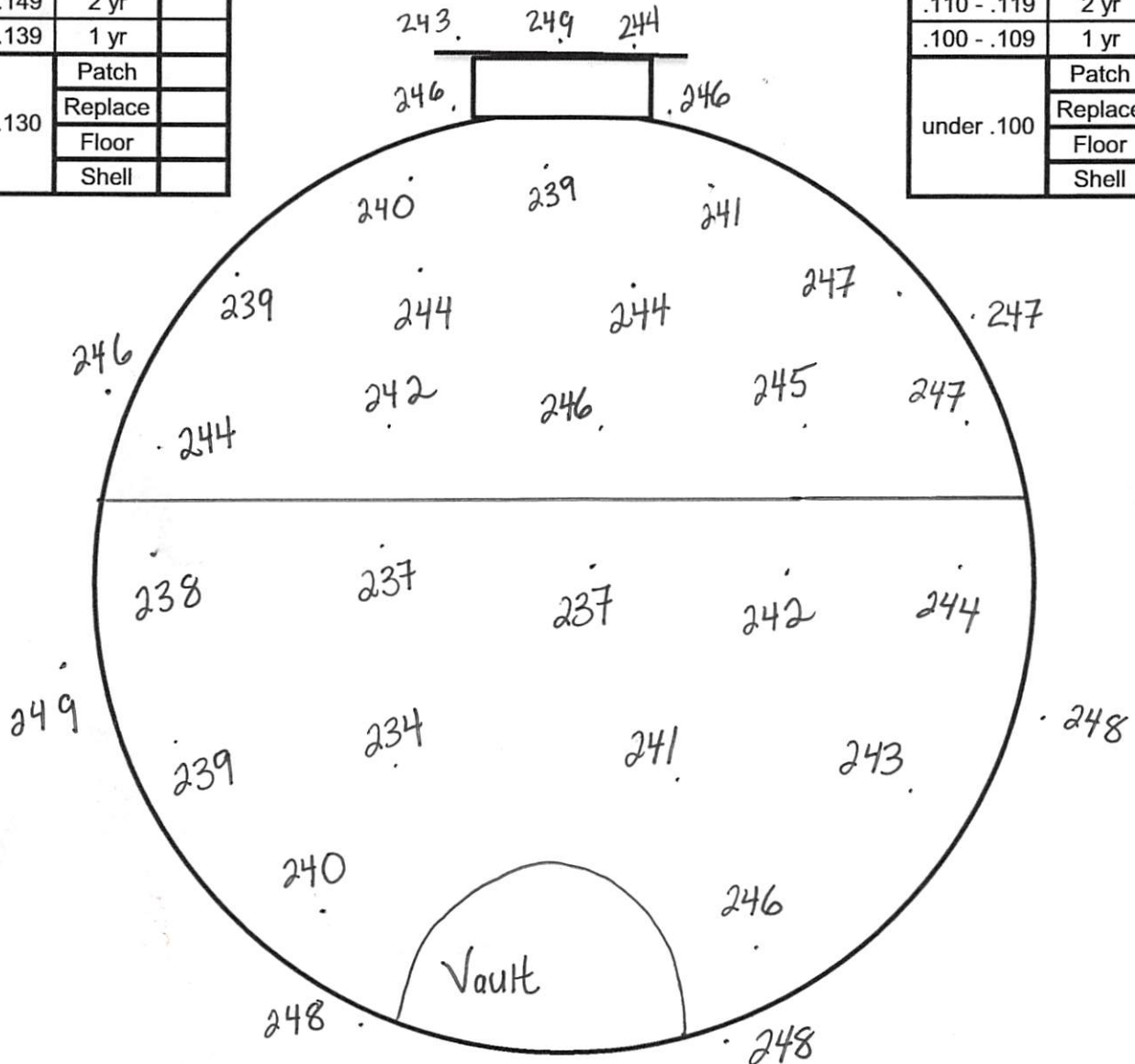
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Without MFE		
.170 - up	5 yr	✓
.160 - .169	4 yr	
.150 - .159	3 yr	
.140 - .149	2 yr	
.130 - .139	1 yr	
under .130	Patch	
	Replace	
	Floor	
	Shell	

S/N: 029087-3

Location: 100/16-17-048-06W4

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:

- No recommendations Tank suitable for service. and a 5 year inspection interval

Inspected by: Logan Skinner

Date: May 22, 2019

Husky Inspector: Terry Neufeld

Date: July 30, 2019

Type of Inspection: VT/ UT	Rev: 3.0	Client: HUSKY OIL OPERATIONS LIMITED	Date: 2019-May-22
Test Technique: UT thickness		IRISNDT #: LYN1900822	WO #: 81392404
Equipment: DMSGO+, FH2E, Flashlight, Grinder		Location: 100/16-17-048-06W4	PO #: 8401358779
Code/Standard: Client Information		Item Inspected: Tank Prod.	Appr# 2Z-02014937

A UT and Visual inspection was carried out on the following 1000BBL oil tank for the purpose of continued fitness for service and determination of inspection interval. See the field report for results of inspection, UT recorded values and inspection interval.

FABRICATED BY FOREMOST UNIVERSAL LP			
APPENDIX	API 650 MOD	DESIGN PRESSURE	12.7/0.4
EDITION / ADDENDA	11/3	DESIGN TEMPERATURE	-20°C TO 33°C
YEAR COMPLETED	2013	DESIGN S.G.	1.0
NOMINAL DIAMETER	18'-3"	PARTIAL STRESS RELIEF	N/A
NOMINAL HEIGHT	32'	DESIGN LIQUID LEVEL	N/A
NOMINAL CAPACITY	1000 BBL	SERIAL NO.	029087-3
FLOOR THICKNESS	0.365"	PURCHASER'S TANK NO.	N/A
ROOF THICKNESS	0.375"	COURSE 3	
SHELL - COURSE 1	0.375"	COURSE 4	
COURSE 2	0.375"	COURSE 5	



Recommendations:

-No recommendations tank suitable for service

Note: Spot UT carried out on the floor and shell as a representation of overall integrity not a 100% scan method.
DMSGO # 31139 cal. date due. June 1 2019 Probe: FH2E SN: SCA1696

Inspection Limitation(s): Only 1st course cleaned for inspection

Unit#: 1194 In: _____ Out: _____ Hrs: _____ In: _____ Out: _____ Hrs: _____ Personnel: Logan Skinner Stephen Bryan	Consumables: Min Requested By: Randy Chiuurka Approver: Aron Horpestad	Interpretation by: Logan Skinner (Print) (Sign) Client Representative: (Print) Terry Neufeld (Sign) I am in full agreement with report contents	SNT-TC-1A: UT-1 C.G.S.B.: 2 (Level) C.G.S.B #: 17159
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