



CA1101-NDT-104 p2/3
Tank Inspection Report

Location: 104/1-3-49-2w4 sfc:16-3-49-2w4

Tank Type: Production TK#1

Date: Jun. 29.18

Mfg: Universal Industries

Year blt: 2008

S/N: 16041-17

CAP: 1000 bbl

Floor Thk: 1/4"

Shell Thk: 1/4-3/16"

Roof Thk: 3/16"

Requisitioned by: Randy Chiurka

Approver: Shane Gustavson

Approver Code: 2Z-2001456

WO #: 81298252

PO#: 8401273576

CC:

SAP #: 66150924

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 Attachements	/	/		/
	Backwelding Req'd			/	

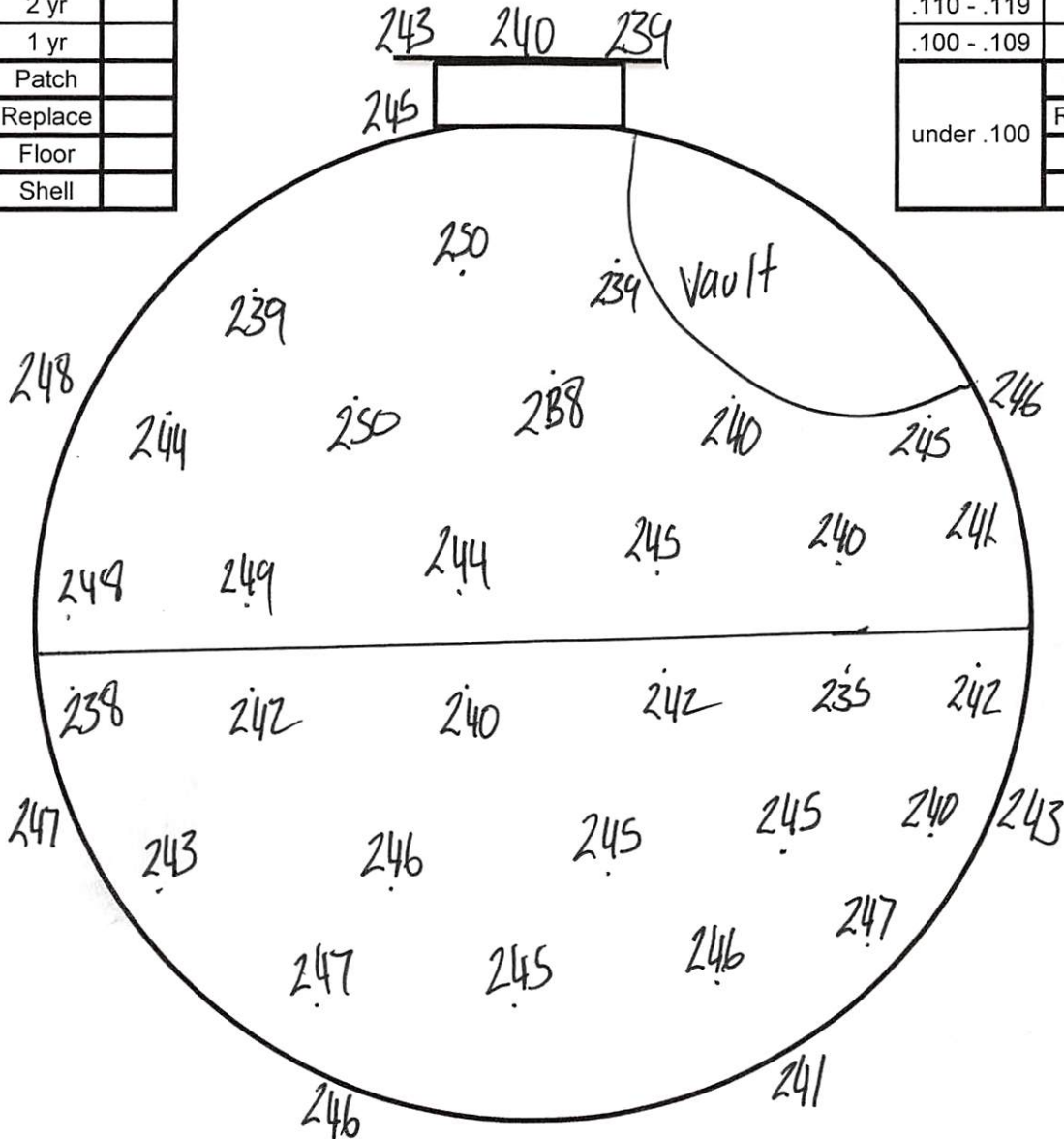
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Without MFE		
.170 - up	5 yr	☒
.160 - .169	4 yr	
.150 - .159	3 yr	
.140 - .149	2 yr	
.130 - .139	1 yr	
under .130	Patch	
	Replace	
	Floor	
	Shell	

R.L. S/N: 16041-17

Location: 104/1-3-49-2w4 sfc:16-3-49-2w4

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:

Inspected by:

Sheldon Trachuk

Date:

Jan. 28.18

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 #: LYN1800958
Location: (D4) 104/1-3-49-2w4 sfc:16-3-49-2w4
Item Inspected: 1000BBL Tank

Date: 29-Jun-18
WO #: 81298252
PO #: 8401273576

A Visual / UT inspection was carried out as requested on (1) - 1000BBL Tank

@ (D4) 104/1-3-49-2w4 sfc: 16-3-49-2w4

Tank#1 sn# 16041-17

Recommendations / Notes of inspection :

- Inlet spout Requires bracing

- There are no other items requiring attention at this time - Tank can be returned to service on a 5yr inspection interval

UNIVERSAL INDUSTRIES CORP. LLOYDMINSTER, SASK./ALTA.			
APPENDIX	12F MOD	DESIGN PRESSURE	4 OZ PRESS
YEAR COMPLETED	2008	DESIGN TEMPERATURE	8.4 OZ VAC
NOMINAL DIAMETER	15'3"	PARTIAL STRESS RELIEF	
NOMINAL HEIGHT	32'	JOB	16041
NOMINAL CAPACITY	1000 BBL	SERIAL NO.	16041-17
FLOOR THICKNESS	.25"	PURCHASER'S TANK NO.	
ROOF THICKNESS	.187"		
SHELL COURSE 1	8'2" .25"	COURSE 4	8'2" .25"
COURSE 2	8'2" .25"	COURSE 5	
COURSE 3	8'2" .25"	COURSE 6	



For additional inspection results see attached inspection sheets.

REQ: Randy Chiurka APP: Shane Gustavson 2Z-2001456

Inspection Limitation(s):

Unit#: 1000 Kilometers: _____ In: _____ Out: _____ Hrs: _____ In: _____ Out: _____ Hrs: _____ Personnel: Sheldon Trachuk Brayden McGinnis	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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