



Tank Inspection Report

Location: 6-34-42-1 W4 Tank Type: pop Tank Date: Sept 17, 2019
Mfg: G-LM Year blt: 2008 S/N: 08-053-2 CAP: 210 bbl
Floor Thk: 1/4" Shell Thk: 3/16" Roof Thk: 3/16"
Requisitioned by: Kristy Leeson Approver: Clayton Campbell Approver Code: 22-02013123
WO #: 81425700 PO#: 8401358779 CC: _____ SAP #: 66160853

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	✓	✓		2
T13	Bottom	✓	✓		1
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 InleOutlet			✓	
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			✓	

[illegible]

S/N: 08-053-2

Location: 6-34-42-1W4

9	2 yr	
9	1 yr	
	Patch	
	Replace	
	Floor	
	Shell	

.110 - .119	2 y
.100 - .109	1 y
under .100	Patch
	Replace
	Floor
	Shell

The tank will be Relocated to 5-32-45-6W4
Tank in Good Overall Condition for A 5Yr Turnaround.
n2D Repairs Required.

Inspected by:

Stephen Bryan

Date:

Sept 17. 2019

Husky Inspector: Terry Neufeld

Date:

25/09/2019

Type of Inspection: VT Rev: 3.0

Test Technique: UT thickness(4.2)

Equipment: DMS 2/ Flashlight/ grinder

Code/Standard: client information

Client: HUSKY OIL OPERATIONS

IRISNDT #: LYN1901541

Location: 6-34-42-1 W4M, AB

Item Inspected: 250bbl TANK S/N# 08-053-2

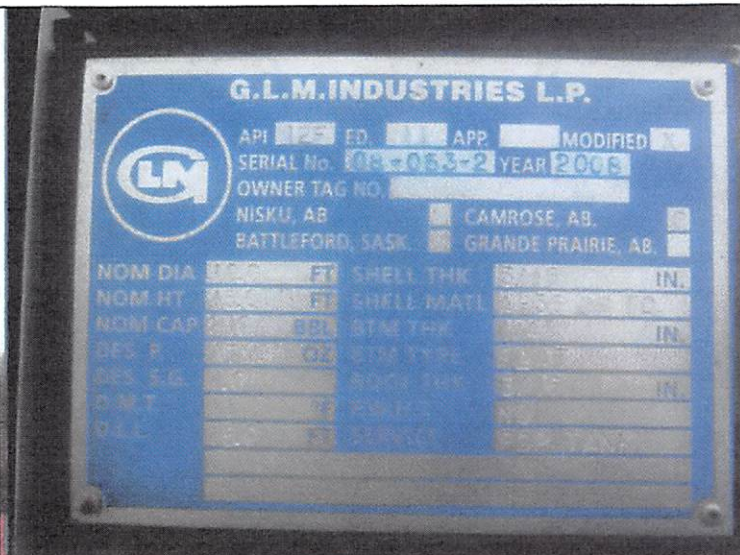
Date: 2019-Sep-17

WO #: 81425700

PO #: 8401358779

A UT and Visual inspection was carried out as requested on 250bbl tank, refer to attached pages for additional information

250bbl Tank S/N# 08-053-2: the tank is in good overall condition for a 5yr turnaround, no additional repairs required.



Requested by Kristy Leeson

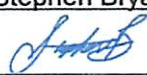
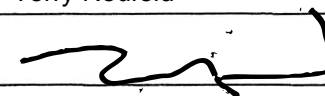
Approver : Clayton Cambell 2Z-02013123

DMS 2 S/N# 31074 CAL DATE: JAN 9.2019

F2HE PROBE S/N# SCA2097

the tank will be relocated to 5-32-45-6w4m

Inspection Limitation(s): Loose rust over the floor surface at the time of the inspection

Unit#: 767	Kilometers: _____	Consumables:	Interpretation by:
In: _____ Out: _____ Hrs: _____		MIN	Stephen Bryan
In: _____ Out: _____ Hrs: _____			(Print) 
Personnel:			(Sign) _____
STEPHEN BRYAN / BRADY HARVEY			SNT-TC-1A: _____
			C.G.S.B.: 12459
			(Level) _____
			C.G.S.B #: _____
			Client Representative: (Print) Terry Neufeld
			(Sign) 
			I am in full agreement with report contents

5311 - 86 Street NW, Edmonton, Alberta T6E 5T8 Phone (780) 437-4747 Fax (780) 436-4873
 Calgary (403) 279-6121 Cold Lake (780) 826-6105
 Lloydminster (780) 875-6455 Fort McMurray (780) 743-1536
 Barrhead (780) 674-3018 Red Deer (403) 347-1742
 Nisku (780) 955-7616 www.irisndt.com

Engineering, Calgary (403) 217-9684
 Engineering, Edmonton (780) 437-2022
 Rope Access Services (780) 437-2022
 Offices also located in USA and UK



DAILY LEM TIME-TICKET

IRISNDT DAILY TICKET#

CA1098-DT-662

Page 1 of 1

Customer: HUSKY OIL OPERATIONS

IRISNDT DISPATCH #: LYN1901541

Location: 6-34-42-1W4M, AB

Date: 2019-Sep-17

Technician 1: Stephen Bryan Position: Senior Tech Technician 2: Brady Harvey Position: Assistant Primary Activity: Other
Technician 3: _____ Position: _____ Technician 4: _____ Position: _____ Report Prefix: CA1098

Time Start	Time Finish	Activity	Report #s	LOC	Total Hours	Total KMs	Description	PO/Cost Code/AFE		Job #/Work Order #/Other	
07:00	09:30	Travel	CA1098-NDT-681	4	2.5	200	Travel see below	P.O.#:	8401358779	W.O.#:	81425700
09:30	10:30	Other (See Description)	CA1098-NDT-681	4	1	0	Inspect tank UT/ Visual	P.O.#:	8401358779	W.O.#:	81425700
10:30	11:30	MT - Magnetic Particle	CA1098-MT3-109	4	1	0	MT lifting Lugs	P.O.#:	8401358779	W.O.#:	81425700
11:30	12:30	Travel	CA1098-MT3-109	4	1	75	Travel to lloyd	P.O.#:	8401358779	W.O.#:	81425700

(Totals for this page only) Totals: 5.5 275 Unit: 767

Work Location (LOC) Legend: 1) Inside Fab. Shop 2) Yard/Lay-down Area 3) Piping/Modular Fab. Area 4) Other

J.H.A. Carried Out & Documented: ☒ Yes ☐ No Safety Concerns: ☐ Yes ☒ No Safety Meeting: ☒ Yes ☐ No Living Out Allowance: ☒ N/A ☐ Full ☐ Bkfst ☐ Lunch ☐ Supper ☐ OT Meal ☐ Hotel


Equipment, Supplies, Consumables, and Other Costs

Requested by Kristy Leeson


Approver: Clayton Clambell 2Z-02013123

Additional Site, Daily, and other relevant job notes

Travelled to 5-32-45-6w4m to inspect tank but the tank was actually located at 6-34-42-1w4 . the tank would be located to 5-32 after the inspection.

TECHNICIAN NAME: Stephen Bryan
(Print)CLIENT NAME: Karen Hawryluk
(Print)TECHNICIAN SIGNATURE: 
(Sign)

Tech Date: 2019-Sep-17

CLIENT SIGNATURE: 
(Sign) Client Date: