

STORAGE TANK INSPECTION REPORT

LSD: 03-06-049-18W5 **Date:** 2013-10-08 **SAP Equipment ID** 66177249

Tank STATIC DATA										
Plant: MINEHEAD			OP Unit:				System:			
Prov. Insp . #:			Equipment ID:				Equip Tag#: 66177249			
Description: TANK			Serial #: 10-797-1				Year Built: 2011			
Manufacturer: G.L.M. TANKS										
Code:			Fluid Service: Yes Sweet Sour				MDMT: C			
Internal Access Yes			Insulated: Yes				Internal Coating: No			
PSV STATIC DATA										
Tag #	Serial No.	Location	Size(mm)		Set Press (kPa)	Capacity Imperial (SCFM)	Manufacturer	Model	Last Service	Service Company
			Inlet	Outlet						
			0.00	0.00	0					

INSPECTION SUMMARY

FIT FOR SERVICE.

RECOMMENDATIONS


NONCONFORMANCES/INSPECTION DEFICIENCIES

INSPECTION PLANNING

Inspection Strategy		Availability		Inspection Interval	
Inspection Date	2013/10/08	Date of Last Inspect		Date of Next Insp	

REPORT CERTIFICATION

The SignatureS below certify that inspections/tests have been completed in accordance with the identified inspection strategy and that the specified equipment is considered fit for service until the date of next inspection.

Inspected by	Jamey Tanasichuk		Cert #	000411	Date	2013/10/08
Reviewed and Approved by					Date	
Criticality Assessment Rerun						
Assessed Next Inspection Date						

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SAP Equipment ID

66177249

External Only

ID	Description	Condition	Location	NCR	Comments
T1	General Other (Please Explain)	Accept			TANK EXTERNAL IS IN GOOD CONDITION.
T2	General Corrosion	Accept			NO VISIBLE EXTERNAL CORROSION. TANK IS EXTERNALLY INSULATED.
T3	General Leaks	Accept			NO VISIBLE LEAKAGES AT TIME OF INSPECTION. TANK WAS NOT IN SERVICE AT TIME OF INSPECTION.
T4	Vibration	N/A			
T5	Dissimilar Flange Rating	N/A			
T6	Ladder/Stairway	Accept			APPEARS TO BE IN GOOD CONDITION.
T7	Platform	N/A			
T8	Electrical Ground	Accept			APPEARS TO BE IN GOOD CONDITION.
T9	Cathodic Protection	N/A			
T10	Painted Inactive Corrosion	N/A			
T11	Coating/Painting	N/A			
T12	Level Gauge	N/A			
T13	Bottom	N/A			
T14	Secondary Containment	N/A			
T15	Shell	Accept			APPEARS TO BE IN GOOD CONDITION.
T16	Roof	N/A			
T17	Agitator/Mixer	N/A			
T18	Jacket	N/A			
T31	Support Other (Please explain)	N/A			
T32	Foundation	N/A			
T33	Anchor Bolts	N/A			
T34	Windgirders	N/A			
T41	Connections Other (Please explain)	N/A			
T42	Small Branches	N/A			
T43	Nozzles	N/A			
T44	Swing Lines	N/A			
T45	Manways/Hatches	Accept			24" MANWAY IS IN GOOD CONDITION.
T46	Reinforcing Pads	N/A			
T47	Inadequate Thread Engagement	N/A			
T48	Bolting	N/A			
T50	Flanges	N/A			
T51	Leak Clamps	N/A			
T61	Insulation Other (Please explain)	N/A			
T62	Damage	N/A			
T63	Penetrations	N/A			
T64	Insulation Jacket	Accept			FOAM INSULATION APPEARS TO BE IN GOOD CONDITION.
T65	Banding	N/A			
T66	Seals/Joints	N/A			
T71	Relief Devices Other (Please explain)	N/A			
T72	Relief Devices Corrosion	N/A			

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T73	Relief Devices Leaks	N/A			
T74	Restricted Inlet/Outlet	N/A			

DETAILED INSPECTION VISUAL INTERNAL

ID	Description	Condition	Location	NCR	Comments
V1	General Other (Please Explain)	Accept			TANK IS IN OVERALL GOOD CONDITION.
V2	Corrosion	Accept			NO VISIBLE INTERNAL CORROSION.
V3	Erosion	Accept			NO VISIBLE INTERNAL EROSION.
V4	Distortion	Accept			NO INTERNAL DISTORTION NOTED.
V5	Blisters	Accept			NO INTERNAL BLISTERING
V6	Deposits	Accept			NO VISIBLE INTERNAL DEPOSITS.
V7	Welds	Accept			WELDS APPEAR TO BE IN GOOD CONDITION.
V8	Nozzles	N/A			
V9	Shell	Accept			SHELL APPEARS TO BE IN GOOD CONDITION.
V10	Roof	N/A			
V21	Internals Other (Please explain)	N/A			
V22	Annual Ring	N/A			
V23	Sump	N/A			
V24	Roof Support	N/A			
V25	Thermowells	N/A			
V26	Metallic Linings	N/A			
V27	Nonmetallic Linings	Accept			COATING IS IN GOOD GENERAL CONDITION.
V28	Internal Steam Coil or Other Piping	N/A			
V29	Level Gauge	N/A			
V30	Other Welded Attachments	N/A			
T11	Floor	N/A			

DETAILED INSPECTION OTHER TECHNIQUES

ID	Location	Observation/Measurement	Acceptance Criteria	NCR	Comments

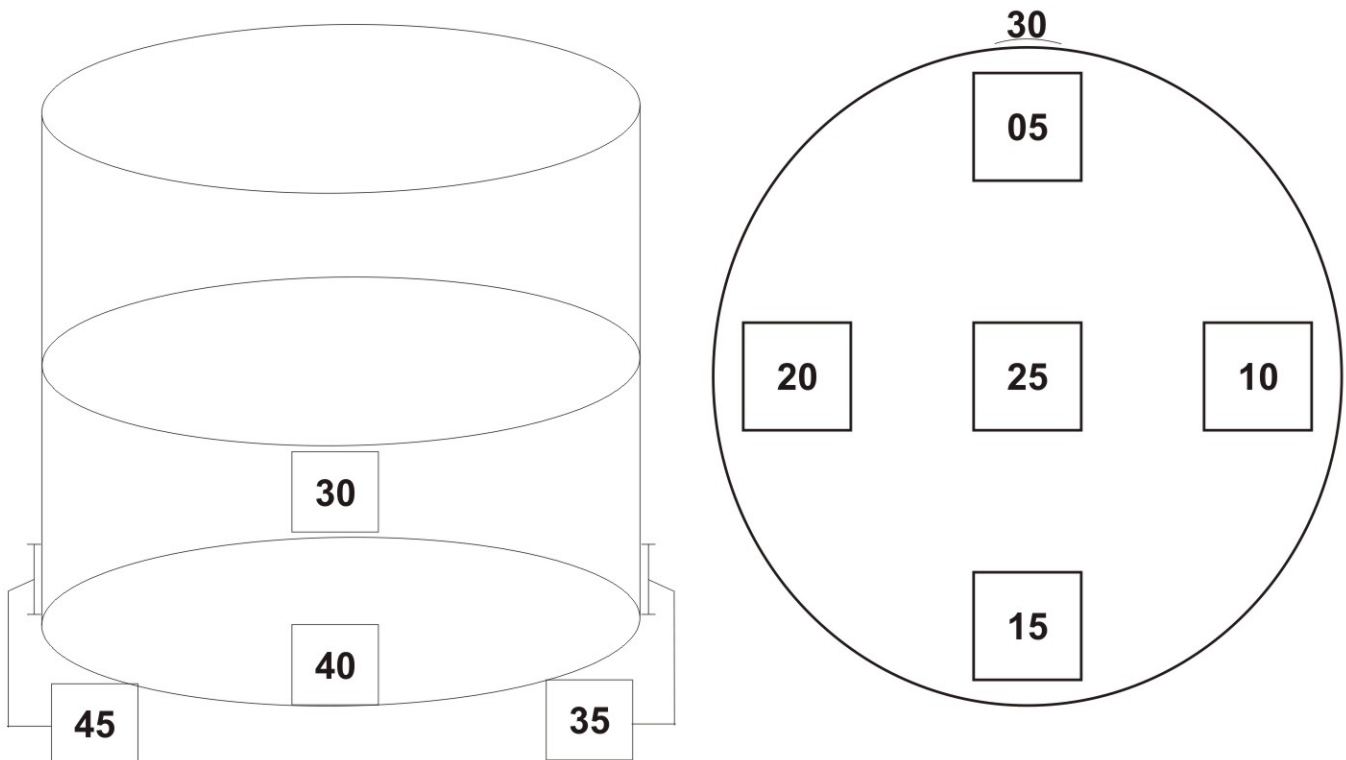
DETAILED INSPECTION UT THICKNESS

CML	Nom. Thickness	CURRENT READINGS	short term corr rate	long term corr rate	remaining life	Survey Date	Comments

STORAGE TANK SURVEY DRAWING

#	LOW	AVG	#	LOW	AVG
05	0.294	0.305	30	0.232	0.245
10	0.286	0.305	35	0.238	0.250
15	0.298	0.310	40	0.233	0.245
20	0.305	0.315	45	0.229	0.240
25	0.296	0.305			

NOTE: EACH TML REPRESENTS A 12" x 12" SCANNING AREA



OWNER: HUSKY

SERIAL # 10-797-1

EQUIPMENT NAME: TANK

NB#

REGISTRATION #

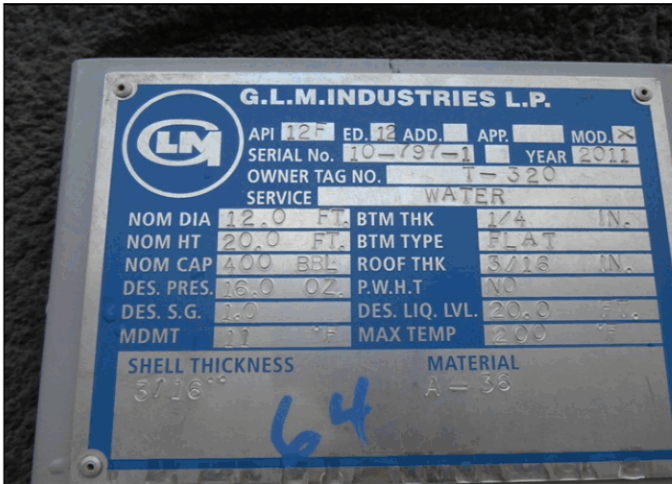
OWNER ID

EQUIPMENT # 66177249

ONCOR ID

INSPECTED BY:
 JAMES TANASICHUK

[Signature]



NAMEPLATE



OVERALL

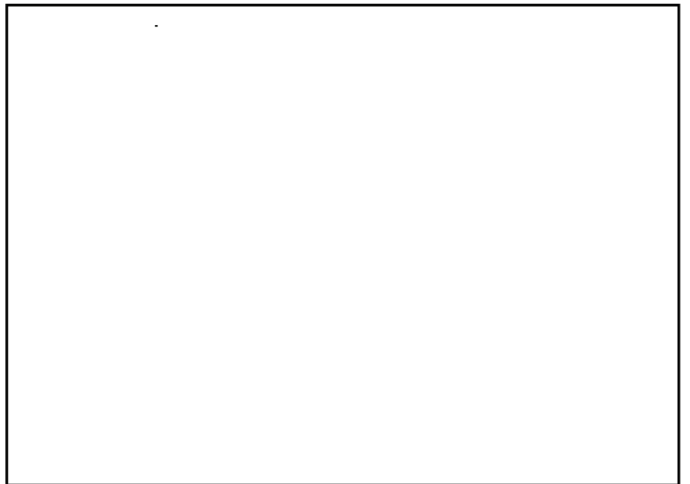
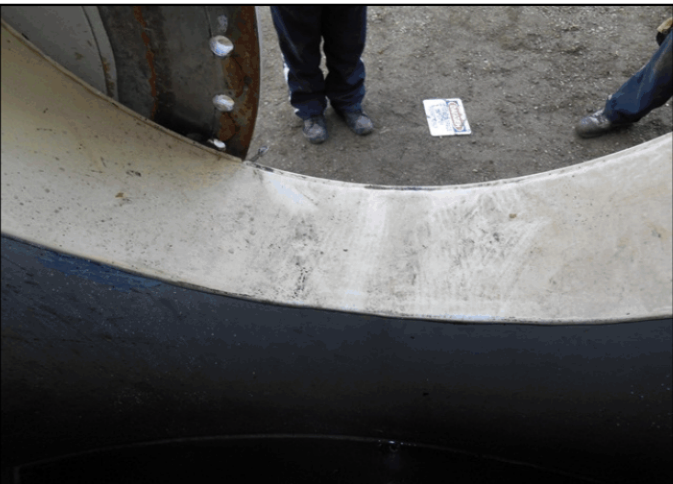


OWNER: HUSKY
EQUIPMENT NAME: TANK 2
REGISTRATION #
EQUIPMENT #

SERIAL # 10-797-1
NB#
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