

IR 191125RJWa

LSD: 2-29-79-23 W4 Date: NOV 25 / 2019 Equipment ID: 66083224

STORAGE TANK STATIC DATA											
Plant: McMullen Op Unit: HOG					System: TBG GAS PROD.						
Equipment Description: 100 BBL DW STORAGE TANK						Equip #: 66083224					
Manufacturer: HOTPASS							Serial #: 10187				
CODE:			RT:	1		2 3	4	Vessel Class:			
Diameter:	ter: 9 FT. Length: (T/T) mm/in Height: mm / in			Year Built: 2002							
MDMT:		°C / °	F PWH	T	YES	3	NO	Vertical Horizontal			
Shell Mat'l:	N/A		Thicl	Thickness: 3/16"				Corr Allow	Corr Allowance: mm / in		
Roof Mat'l: N/A			Thicl	Thickness: 3/16"				Corr Allow			mm / in
Floor Mat'l	: N/A		Thic	Thickness: 1/4"				Corr Allow	Corr Allowance: mm / in		
Internal Co	ating:	YES	Inter	nal Clad:		NO		Capacity		100	BBL
Manway:	YE:	S	Inspe	ection Por	t: \	/ES		Skid X	Legs	Gr	ound
Nozzle Rat	ing	lb ANS	SI Pain t	ted:	Y	ES		Insulated	:		NO
				PROCE	SS	DATA					
Product De						1	Sweet				
Operating	Pressure:		DCV / \/A	kPa / PSI Operating Temp V / VACUUM BREAKER STATIC DATA				perature: °C / °F			
	Location	Siz		Set	EAN	Capacit		anufacturer	Mode	ı I	Service
Serial No.	Location	Inlet	Outlet	Pressu	re	SCFM / Lbs/Hr / 0		and dotar of	/ Type	'	Date
	John Ties Gallet Treasure							7,			
				INSPECTI	ON 9	SUMMARY					
VISUAL EXTERNAL: A visual external inspection was done to confirm the integrity of the tank. The tank is vertically set on a skid and set on piles above the ground. The underside is visible but spray foam insulated. It is used to store produced water from the well. The skid attached to the tank is secure with no visible damage. Secondary containment is double walled tank. The tank is vented on top with the bird cage securely attached. The Load / Unload line is capped to prevent any spillage. The tank is properly grounded. The tank is completely insulated with metal clad strapped insulation. A head view of the inside of the tank indicates the tank is coated with the coating appearing in fair condition. The tank is mostly empty with only approx. 6" of liquid inside the tank. The overall external condition of the tank is Good. The tank is fit for service. VISUAL INTERNAL: No full visual Internal inspection was performed on the tank. Only a top view from the thief hatch was performed to assess the level in the tank and part of the shell coating.											
UT THICKNESS: No UT thickness readings were taken on the tank. The tank is completely insulated. RECOMMENDATIONS											
				KECOIVIII	/ICIVI	DATIONS					
		NO	NCONFOR	RMANCES /	INS	PECTION DE	FICIENC	IES			
INSPECTION PLANNING											
Inspection St	rategy		Availability	/		On Line	Inspe	ection Interval		5 ١	/EAR
Inspection Date NOV 25 / 19 Da			Date of Las	ate of Last Inspect		Date o		of Next Inspect		NC	V 24/2024
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.											
			Roman Wyr			1			Date	N	OV 25 / 19
Reviewed and	I Approved by	,	Roman Wyr	nnyk		Hone	. Whyn	/	Date	DI	EC 2 / 19
Criticality Ass	sessment Rer	un				Inspection Pla	anning Re	erun			
Assessed Nex	ct Inspection	Date									



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DETAILED INSPECTION

VISUAL EXTERNAL

ID	Description	Condition	Location	NCR	Comments
T1	General Other (Please Explain)	FAIR			Nameplate is legible.
T2	General Corrosion	GOOD			No External Surface corrosion noted on tank shell
T3	General Leaks	NO			
T4	Vibration	NO			
T5	Dissimilar Flange Rating	NO			
T6	Ladder/Stairway	GOOD			LADDER AND HOOP ARE SECURE.
T7	Platform	NO			
T8	Electrical Ground	GOOD			
T9	Cathodic Protection	NO			
T10	Painted Inactive Corrosion	NO			
T11	Coating/Painting	NO			
T12	Level Gauge	GOOD			
T13	Bottom	FAIR			Tank underside is insulated.
T14	Secondary Containment	FAIR			Double walled interstitial space.
T15	Shell	FAIR			NO VISIBLE PHYSICAL DAMAGE
T16	Roof	FAIR			NO VISIBLE PHYSICAL DAMAGE
T17	Agitator/Mixer	N/A			
T18	Jacket	NO			
T31	Support Other (Please explain)	FAIR			SKID IS SECURE WITH NO DAMAGE
T32	Foundation	FAIR			PILES AND SKIDS.
T33	Anchor Bolts	NO			
T34	Wind girders	NO			
T41	Connections Other (Please explain)	FAIR			NO LEAKS VISIBLE
T42	Small Branches	FAIR			INLET /OUTLET LINE IS SECURE
T43	Nozzles	FAIR			NO VISIBLE DAMAGE
T44	Swing Lines	N/A			
T45	Manways/Hatches	GOOD			SECURE AND ATTACHED
T46	Reinforcing Pads	N/A			
T47	Inadequate Thread Engagement	NO			
T48	Bolting	GOOD			
T50	Flanges	GOOD			
T51	Leak Clamps	NO			
T61	Insulation Other (Please explain)	NO			
T62	Damage	NO			
T63	Penetrations	NO			
T64	Insulation Jacket				
T65	Banding				
T66	Seals/Joints				
T71	Relief Devices Other (Please explain)				
T72	Relief Devices Corrosion				
T73	Relief Devices Leaks				
T74	Restricted Inlet/Outlet				



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DETAILED INSPECTION VISUAL INTERNAL

ID	Description	Condition	Location	NCR	Comments
V1	General Other (Please Explain)				NO INTERNAL INSPECTION PERFORMED
V2	Corrosion				
V3	Erosion				
V4	Distortion				
V5	Blisters				
V6	Deposits				
V7	Welds				
V8	Nozzles				
V9	Shell				
V10	Roof				
V21	Internals Other (Please explain)				
V22	Annual Ring				
V23	Sump				
V24	Roof Support				
V25	Thermowells				
V26	Metallic Linings				
V27	Nonmetallic Linings		·		
V28	Internal Steam Coil or other piping		·		
V29	Level Gauge		·		
V30	Other Welded Attachments				
T11	Floor				

DETAILED INSPECTION OTHER TECHNIQUES

ID	Location	Observation/Measurement	Acceptance Criteria	NCR	Comments
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

DETAILED INSPECTION UT THICKNESS

CML	Nom. Thk	Current Reading	Short Term Corr Rate	Long Term Corr Rate	Remaining Life	Comments



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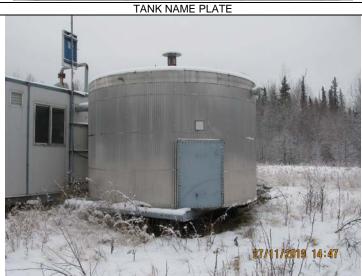
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PHOTOS







TANK MANWAY, WITH NO LEAKS VISIBLE

27/11/2019 16:47

TANK SKID SET ON PILES ABOVE GROUND





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TANK VENT ON TOP OF TANK WITH BIRD CAGE LIQUID.