

LSD: 04-16-060-22W5 Date: 23-Jan-2017 SAP Equipment ID: 66172118 Report #:

						STC	DRAG	GE TAI	VK S	STATIC L	DATA					
Plant: Foothills North					Op Unit: Kaybob					System:	N/A					
Equipment	Descr	iptio	n:			Produced water tank						Equip Tag	g #:			
Manufactur	er:					Unknown						Serial #: Unknown				
CODE:	CODE: Unknown			RT:	N	one					Vessel Class: Tank					
Diameter:				Length	ı: (T	/T)			He	eight:			Year Buil	t:		
MDMT:	Unkr	nowr	n			PWI	HT:		No	)			Orientatio	n:	Ver	tical
Shell Mat'l:	ı	Į	Unk	nown		Thickness:						Corr Allow	ance:			
Roof Mat'l:		U	Unk	nown		Thic	kne	ss:					Corr Allowance:			
Floor Mat'l:				nown		Thic							Corr Allow			
Internal Coa	ating:	1	No					Clad:	No	)			Capacity:			BBL
Manway:		)	Yes			Insp	ecti	on Por	t:	No			Support :	Skid planl		oden
Nozzle Rati	ng			lbs. ANSI		Pain	ited:			Yes			Insulated	:	Yes	3
				7(1401			F	PROCE	SS	DATA						
Product De					Er	nulsio	n					/eet				1
Operating F	ressu	ıre:			50	1//1/4	0	****					erature:			
	Loca	tion	1	Siz		V / VA	CUL	JM BR Set	EAK	Con			nufacturer	Mo	dol	Service
Serial No.	Luca	lion	Inl			ıtlet	ı	Pressu	re	SCFM / Lbs GPM	SCFM / Lbs./Hr. /		nuiaciurei	/ Typ		Date
NI/A Thiaf				1												
N/A – Thief	natch a	and d	oper	n vent												
								SPECTI	ON S	SUMMAR	Υ					
The external vis - No relevant in - No non-confor - No inspection - No requireme	dication rmances deficier	ns of in s ncies	n-serv	vice corrosi	on/ei			anical de	ects	or damage						
							R	ECOM	1ENI	DATIONS						
None																
None				NC	ONC	ONFO	RMA	NCES /	INS	PECTION	DEFICI	ENCI	ES			
Hone							INS	SPECTION	ON F	PLANNING	G					
Inspection Str	ategy				Ava	ailabilit										
Inspection Dat	te				Dat	te of La	ast Ins	spect	_			Date o	of Next Inspe	ct		
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 Kei				ith Co	urney	ea		Ke	A Ce	ure	000_	Date		3-Jan-2017		
Company								<u> </u>				API#				
Reviewed and Approved by											Date					
										_				API#		
Criticality Asse	ssment	Reru	ın			Inspection Planning				ning F	Rerun					
Assessed Next Inspection Date																



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#### DETAILED INSPECTION VISUAL EXTERNAL

ID	Description	Condition	Location	NCR	Comments
T1	General Other (Please Explain)	N/A			
T2	General Corrosion	No			
T3	General Leaks	No			
T4	Vibration	No			
T5	Dissimilar Flange Rating	No			
T6	Ladder/Stairway	N/A			
T7	Platform	N/A			
T8	Electrical Ground	Good			
T9	Cathodic Protection	N/A			
T10	Painted Inactive Corrosion	No			
T11	Coating/Painting	N/A			
T12	Level Gauge	Good			
T13	Bottom	Good			
T14	Secondary Containment	Good			Double walled
T15	Shell	N/A			Not visible due to insulation
T16	Roof	Good			Not visible due to insulation
T17	Agitator/Mixer	N/A			
T18	Jacket	N/A			
T31	Support Other (Please explain)	N/A			
T32	Foundation	Good			Metal frame on piles
T33	Anchor Bolts	N/A			
T34	Windgirders	N/A			
T41	Connections Other (Please	N/A			
T42	explain) Small Branches	N/A			
T42		Good			
T43 T44	Nozzles Swing Lines	N/A			
T45	Manways/Hatches	Good			
T46	Reinforcing Pads	N/A			
T47	Inadequate Thread Engagement	N/A			
T48	Bolting	Good			Only on small manway
T50	Flanges	N/A			All threaded connections
T51	Leak Clamps	No			All tilleaded collifections
T61	Insulation Other (Please explain)	N/A			
T62	Damage	No			Spray foam with sealer. Minor damage
102	Damage	140			noted on surface. No relevant indications of CUI
T63	Penetrations	No			
T64	Insulation Jacket	Good			
T65	Banding	N/A			
T66	Seals/Joints	N/A			
T71	Relief Devices Other (Please explain)	Good			Thief hatch and open 4 inch diameter PVC vent
T72	Relief Devices Corrosion	No			
T73	Relief Devices Leaks	No			
T74	Restricted Inlet/Outlet	No			



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## DETAILED INSPECTION VISUAL INTERNAL

ID	Description	Condition	Location	NCR	Comments
V1	General Other (Please Explain)				
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				

Magnetic Particle Equipment records								
Procedure # Description								
Manufacturer	Model	Serial #	Current Type	Mag Part Type				
Lighting	Material + Grade	Thickness	Cal Block SN	Cal Due Date				

Liquid Penetrant Equipment records							
Procedure # Description							
Penetrant	Solvent	Developer	Cleaner	Lighting	Material Grade + Thick.		

# DETAILED INSPECTION OTHER TECHNIQUES

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

Ultrasonic Equipment records							
Procedure #:		Description:					
Test Unit	Instrument Mfr	Model #	Serial #	Cal Due Date			
Probe	Frequency	Probe SN	Probe Diameter	Couplant			
Cal Block	Cal Block Size	Cal Block SN	Cal Block Mtl				
I							



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**DETAILED INSPECTION UT THICKNESS** 

			<i></i>			
CML	Nom.	Current	Short Term	Long Term	Remaining	Comments
	Thk	Reading	Corr Rate	Corr Rate	Life	



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#### **PHOTOS**





Location

# Equipment did not have a nameplate







Inlet piping and truck out connection



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Secondary containment drain



Interior of attached shack. Interstitial space leak indicator to right of manway.



