

PRESSURE VESSEL & COLUMN INSPECTION REPORT

LSD: 06-22-057-20W5 Date: 20-Jan-2017 SAP Equipment ID: 66172228

			VESS	SEL STATIC	DATA				
Plant: Op Unit Kaybob						System			
Foothills & BC									
Prov. Insp. #	457111		CRN	L9454.213			Equip Tag #		
Equipment D	escription	SEPAR	ATOR, COM	IPRESSOR	BLOWC	ASE	Serial #	00-742	
Manufacture	r	INTERN	IATIONAL V	ESSEL FA	3.		Vessel Class	Pressu Vessel	ıre
Internal Acce	ess: No	Description	on:				Year Built 2	2000	
MAWP 14	45	Psi	@	300	F		MDMT -	-20	°F
CODE: U			RT: 1				PWHT: Yes		
Diameter		Length		O.A	\L	mm / in		Horizo	ntal
Shell Mat	t'I 106-B		Thickness		844	In	Corr Allowanc	e .125	in
Head Mat	t'I 516-70N		Thickness		750	In	Corr Allowanc	e .125	in
Nozzle Mat	t'l 106-B/105	5N	Thickness	\	/arious	mm / in	Corr Allowanc	e NS	mm / in
Internal Coat	ing: NO		Internal Clad: NO			Capacity	2.86	Ft3	
Manway: No			Inspection Port: YES			Support: Cus	tom Clam	р	
Nozzle Rating 900 lb. ANSI		lb. ANSI	Painted: YES			Insulated	No		
	,		PF	ROCESS DA	TA				
Product Des	cription					Sour			
Operating Pr	essure		kPa / P		Operating	g Temp	perature		°C / °F
				V STATIC D				T	
Serial No.	Location	Inlet	Size Outlet	Set Pressure	Capa SCFM/Lbs GPM	ICity /Hr./	Manufacturer	Model / Type	Service Date
92108 I	Piping	1 in	1 in	1595	1306 sc	cfm	Mercer	9118D1 11711N	25-May- 2017
Pentair ID W-37492 – Same PSV as the slug catcher									
NDE Equipment records									
Procedure#	Description	Manufa	acturer	Model#			Serial#	Due	Date
INSPECTION SUMMARY									

The **external** visual inspection of the equipment revealed:

- No relevant indications of in-service corrosion/erosion/mechanical defects or damage
- No non-conformances
- No inspection deficiencies

Inspection report completed post May Turnaround to included updated PSV data



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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	Keith Courneyea	Kerl Cennages	Date	20-Jan-2017			
Reviewed and Approved by			Date				
Criticality Assessment Rerun		Inspection Planning Rerun					
Assessed Next Inspection Date		_					

DETAILED INSPECTION VISUAL EXTERNAL

	DETAILED INSPECTION VISUAL EXTERNAL								
ID	Description	Condition	Location	NCR	Comments				
V1	General Other (Please Explain)	Good							
V2	General Corrosion	None							
V3	General Leaks	None							
V4	Vibration	None							
V5	Dissimilar Flange Rating	None							
V6	Ladder/Stairway	NA							
V7	Heads	Good							
V8	Guy Wires								
V9	Electrical Ground	Good							
V10	Painted Inactive Corrosion	None							
V11	Coating/Painting	Good							
V12	Expansion Joint or Bellows	NA							
V13	Gauge/Site Glass	Good							
V14	Shell	Good							
V15	Jacket	NA							
V21	Support Other (Please explain)	NA							
V22	Foundation	Good			Steel skid				
V23	Anchor Bolts	Good							
V24	Saddle/Skirt	Good							
V25	Davit	NA							
V26	Fireproofing	NA							
V31	Connections Other (Please explain)	NA							
V32	Small Branches	Good							
V33	Nozzles	Good							
V34	Manways	NA							
V35	Reinforcing Pads	Good							
V36	Inadequate Thread Engagement	None							
V37	Bolting	Good							
V38	Flanges	Good							
V39	Leak Clamps	None							
V41	Insulation Other (Please explain)	NA							
V42	Damage	NA							
V43	Penetrations	NA							
V44	Insulation Jacket	NA							
V45	Banding	NA							
V46	Seals/Joints	NA							
V51	Relief Devices Other (Please explain)	Good			Updated from may turnaround data				
V52	Corrosion	None							
V53	Leaks	None							
V54	Restricted Inlet/Outlet	None							
V55	Manual Operation Lever	NA							



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DETAILED INSPECTION VISUAL INTERNAL

ID	Description	Condition	Location	NCR	Comments
V1	General Other (Please Explain)				
V2	Corrosion (depth, length, width)				
V3	Erosion				
V4	Distortion				
V5	Blisters				
V6	Deposits				
V7	Heads				
V8	Welds				
V9	Nozzles				
V10	Shell				
V11	Gasket Surfaces				
V21	Internals Other (Please explain)				
V22	Demister				
V23	Baffle/Wier				
V24	Sparger				
V25	Thermowells				
V26	Metallic Linings				
V27	Nonmetallic Linings				
V28	Trays				
V29	Tray Rings				
V30	Other Welded Attachments				

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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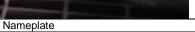
PHOTOS





Building overview







Overview



Inlet piping



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