

Inspection Strategy

Inspection Date

Form: QR-19.7a Rev: 0, Date 12/13

PRESSURE VESSEL & COLUMN INSPECTION REPORT

LSD: 06-22-057-20W5 Date: 20-Jan-2017 SAP Equipment ID: 66172227

VESSEL STATIC DATA								
Plant: Op Unit Kaybob						System		
Foothills & BC						F		
Prov. Insp.				L9912.213		Equip Tag #		
	Description	CATCH				Serial #	00-741	
Manufacturer INTERNATIONAL VESSEL FAB.					Vessel Class	Pressu Vessel	ıre	
Internal Ac	cess: No D	escripti	on:			Year Built	2000	
MAWP 1	480	Psi	@ 100 ^F			MDMT -	-20	°F
CODE: U			RT: 1			PWHT: Yes		
Diameter	Le	ngth		O.A	AL mm	/ in	Horizo	ntal
Shell M	at'l 516-70N		Thickness	<u> </u>	1.375 In	Corr Allowand	e .125	in
	at'l 516-70N		Thickness		1.3125 In	Corr Allowand		in
Nozzle M	at'I 160-B/105N/ LF2	350	Thickness	, \	Various mm	/ in Corr Allowand	e NS	mm / in
Internal Co	ating: NO		Internal CI	ad: NO		Capacity	N/S	Ft3
Manway:	No		Inspection	Port : YE	S	Saddle		
Nozzle Rating 600/900 lb. ANSI			Painted: YES			Insulated	No	
			PI	ROCESS DA	ATA			
Product De	scription				Sou	ur		
Operating F	Operating Pressure kPa / PSI Operating Temperature °C / °F							
		ı		V STATIC D			T	1
Coriol No	Location		Size	Set	Capacity SCFM / Lbs/Hr. /	Manufacturer	Model	Service
Serial No.	. .	Inlet	Outlet	Pressure	GPM		/ Type	Date
92108	Piping	1 in	1 in	1595	1306 scfm	Mercer	9118D1 11711N	25-May- 2017
Pentair ID V	<i>l</i> -37492				_			
		1		quipment r		1		
Procedure# Description Manuf		acturer	Model#		Serial# Due Da		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								
- Niews			RE	COMMENDA	TIONS			
None								
NONCONFORMANCES / INSPECTION DEFICIENCIES None								

INSPECTION PLANNING

Inspection Interval

Date of Next Inspect

Availability

Date of Last Inspect



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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	Ked Cennages	Date	20-Jan-2017			
Reviewed and Approved by			Date				
Criticality Assessment Rerun		Inspection Planning Rerun					
Assessed Next Inspection Date		-					

DETAILED INSPECTION VISUAL EXTERNAL

			SPECTION VISUA		
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



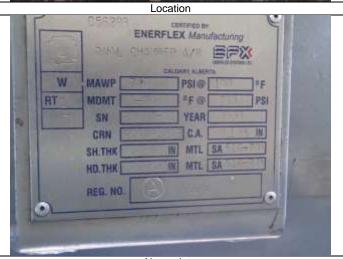
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PHOTOS















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