

PRESSURE VESSEL & COLUMN INSPECTION REPORT

LSD: 07-27-051-19W5M

Date: June 11, 2019

SAP Equipment ID: 66005380

Report # 66005380-2019-VE-01

VESSEL STATIC DATA											
Plant: Ansell Gas Plant				Op Unit				System			
Prov. Insp. # A0436161				CRN X-0170.2				Equip Tag #			
Equipment Description: Slug Catcher A								Serial # 3625A			
Manufacturer: Slug Catcher Separator A								Vessel Class: Pressure Vessel			
Internal Access YES, NO Description:								Year Built 1997			
MAWP 2757		kPa / PSI		@ 343		°C / °F		MDMT °C / °F			
CODE UM U U2		RT 1 2 3 4		PWHT							
Diameter		Length (T/T) mm/in		OAL mm / in		Vertical		Horizontal			
Shell	Mat'l			Thickness		mm / in		Corr Allowance		mm / in	
Head	Mat'l			Thickness		mm / in		Corr Allowance		mm / in	
Nozzle	Mat'l			Thickness		mm / in		Corr Allowance		mm / in	
Internal Coating: YES NO				Internal Clad YES NO				Capacity m ³			
Manway YES NO				Inspection Port YES NO				Skirt Legs Saddle			
Nozzle Rating		lb ANSI		Painted YES NO		Insulated YES NO					
PROCESS DATA											
Product Description Gas / Liquids								Sweet Sour			
Operating Pressure				kPa / psi		Operating Temperature				°C / °F	
PROTECTED BY PRD or OPPSD											
PRD STATIC DATA											
Serial No.	Location	Set Pressure	Capacity SCFM / Lbs./Hr / GPM	Manufacturer	Model / Type	Last Service Date & Company					
C06-56100	Outlet Piping	2758 kpa	24261 SCFM	Anderson Greenwood	24310L34/S1	Jun 2018, Access Valve. PSV-1000					
PRD DETAILS											
		Type (Thread/Flange)			ANSI Rating			Size (mm)			
PRD Inlet		Flanged						76.2 mm			
PRD Outlet		Flanged						102 mm			

INSPECTION SUMMARY

- 1- Visual inspection performed
- 2- Data plate secure and legible
- 3- Vessel identified by A- number/serial number stamped on the data plate.
- 4- Vessel was repaired in 1997.
- 5- Well supported by concrete support
- 6- Paint in good condition
- 7- PSV set pressure acceptable
- 8- PSV service is up to date
- 9- Equipment is acceptable and FFS.

RECOMMENDATIONS

- 1- Equipment is acceptable and FFS.

NONCONFORMANCES / INSPECTION DEFICIENCIES

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INSPECTION PLANNING

Inspection Strategy _____	Availability _____	Inspection Interval _____
Inspection Date <u>June 11, 2019</u>	Date of Last Inspect _____	Date of Next Inspect _____

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	Jabulani (Jay) Dube 	Date	June 11, 2019
Company	Streamline Inspection Ltd.	PESL #	000769
Reviewed and Approved by	_____	Date	_____
	_____	PESL #	_____
Criticality Assessment Rerun	_____	Inspection Planning Rerun	_____
Optional Rule Group Confirmed	Assessed Next Inspection Date _____		

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DETAILED INSPECTION VISUAL EXTERNAL

ID	Description	Condition	Location	NCR	Comments
V1	General Other (Please Explain)	Acceptable			Acceptable
V2	General Corrosion	N/A			Acceptable
V3	General Leaks	N/A			No leaks noted at time of inspection
V4	Vibration	Acceptable			No vibration induced damages noted
V5	Dissimilar Flange Rating	Acceptable			Similar ratings
V6	Ladder/Stairway/ <u>Platforms</u>	N/A			N/A
V7	Heads	Acceptable			Minor paint peeling off
V8	Guy Wires	NA			N/A
V9	Electrical Ground	Acceptable	Directly grounded		Tight and secure
V10	Painted Inactive Corrosion	N/A			
V11	Coating/Painting	Good			Some paint failure on the vessel
V12	Expansion Joint or Bellows	N/A			
V13	Gauge/Site Glass	Acceptable			
V14	Shell	Acceptable			No damage noted
V15	Jacket	N/A			
V21	Support Other (Please explain)	Acceptable	Associated piping		Adequately supported
V22	Foundation	Acceptable			On concrete foundation. No damage or cracks noted
V23	Anchor Bolts	N/A			No access to bolts
V24	Saddle/Skirt	Acceptable	Skirt		Skirt is cladded
V25	Davit	N/A			
V26	Fireproofing	N/A			
V31	Connections Other (Please explain)	Acceptable			Connections appeared to be well connected
V32	Small Branches	Acceptable	Tubing		No evidence of damage or leaks
V33	Nozzles	Acceptable			
V34	Manways	Good			
V35	Reinforcing Pads	Acceptable			
V36	Inadequate Thread Engagement	Acceptable			Adequately engaged
V37	Bolting	Acceptable			Accessible bolting tight and secure
V38	Flanges	Acceptable			No evidence of leaks
V39	Leak Clamps	N/A			
V41	Insulation Other (Please explain)	Good	Skirt		
V42	Damage	N/A			Minor cladding damage
V43	Penetrations	N/A			
V44	Insulation Jacket	N/A			
V45	Banding	N/A			
V46	Seals/Joints	N/A			
V51	Relief Devices Other (Please explain)	Acceptable			Set pressure acceptable, service up to date
V52	Corrosion	N/A			No concerns
V53	Leaks	N/A			No concerns
V54	Restricted Inlet/Outlet	N/A			
V55	Manual Operation Lever	N/A			

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PHOTOS

