

### PRESSURE VESSEL & COLUMN INSPECTION REPORT

LSD: 07-27-051-19W5M      Date: June 13, 2019      SAP Equipment ID    66147737      Report # 66147737-2019-VE-01

VESSEL STATIC DATA											
Plant      Ansell Gas Plant				Op Unit				System			
Prov. Insp. #      A0586795				CRN    T4574.213				Equip Tag #      V-1.1200/15001			
Equipment Description      Suction Scrubber				Serial #      C250777A-2							
Manufacturer      Henry Technologies				Vessel Class							
Internal Access      YES,      NO Description				Year Built							
MAWP      kPa / PSI      @      °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 <sup>3</sup>			
Manway      YES    NO				Inspection Port    YES    NO				Skirt    Legs    Saddle			
Nozzle Rating		lb ANSI		Painted      YES    NO		Insulated      YES    NO					
PROCESS DATA											
Product Description								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	
539176-1-DA	Top Shell		1689 KPA		12322 SCFM		Farris	382C10-1MO		June 2015, Wizard, PSV -2011	
PRD DETAILS											
		Type (Thread/Flange)				ANSI Rating				Size (mm)	
PRD Inlet		Flanged								50.8mm	
PRD Outlet		Flanged								76.2mm	

#### INSPECTION SUMMARY

- Visual inspection performed
- Data plate secure and legible
- Vessel adequately supported
- Vessel is painted, and the paint is in good condition
- Vessel and piping in acceptable condition
- PSV set pressure acceptable
- PSV service date is up to date
- Vessel is acceptable and FFS.

#### RECOMMENDATIONS

1. The vessel is acceptable and FFS.

#### NONCONFORMANCES / INSPECTION DEFICIENCIES

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#### **INSPECTION PLANNING**

Inspection Strategy _____	Availability _____	Inspection Interval _____
Inspection Date <u>June 13, 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 13, 2019
Company	Streamline Inspection	PESL #	000769	API # _____
Reviewed and Approved by	_____	_____	Date	_____
	_____	PESL #	_____	API # _____
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)	Good			Acceptable overall condition
V2	General Corrosion	N/A			No concerns
V3	General Leaks	N/A			None noted
V4	Vibration	N/A			
V5	Dissimilar Flange Rating	Acceptable			Similar ratings
V6	Ladder/Stairway/ <u>Platforms</u>	N/A			
V7	Heads	Good			No damage or corrosion noted
V8	Guy Wires	N/A			
V9	Electrical Ground	Good	Attached to skid		Secure
V10	Painted Inactive Corrosion	N/A			
V11	Coating/Painting	Good			Acceptable condition
V12	Expansion Joint or Bellows	N/A			
V13	Gauge/Site Glass	Good	Temp, pressure and level gauge		Clear and legible
V14	Shell	Good			No damage or corrosion noted,
V15	Jacket	N/A			
V21	Support Other (Please explain)	Good	Piping		Adequately supported
V22	Foundation	Good			Building supported by skid
V23	Anchor Bolts	Good			Secure
V24	Saddle/Skirt	Skirt			Bolted to building floor
V25	Davit	N/A			
V26	Fireproofing	N/A			
V31	Connections Other (Please explain)	Good			All accessible connections appear secure
V32	Small Branches	Good	Tubing		No leaks or kinks
V33	Nozzles	N/A			
V34	Manways	N/A			
V35	Reinforcing Pads	N/A			
V36	Inadequate Thread Engagement	N/A			
V37	Bolting	Acceptable			
V38	Flanges	Acceptable			
V39	Leak Clamps	N/A			
V41	Insulation Other (Please explain)	N/A			
V42	Damage	N/A			
V43	Penetrations	N/A			
V44	Insulation Jacket	N/A			
V45	Banding	N/A			
V46	Seals/Joints	N/A			
V51	Relief Devices Other (Please explain)	Good	Top Shell		Service is up to date, set pressure acceptable
V52	Corrosion	N/A			None noted
V53	Leaks	n/a			None noted
V54	Restricted Inlet/Outlet	N/A			
V55	Manual Operation Lever	N/A			

**PRESSURE VESSEL & COLUMN INSPECTION REPORT**

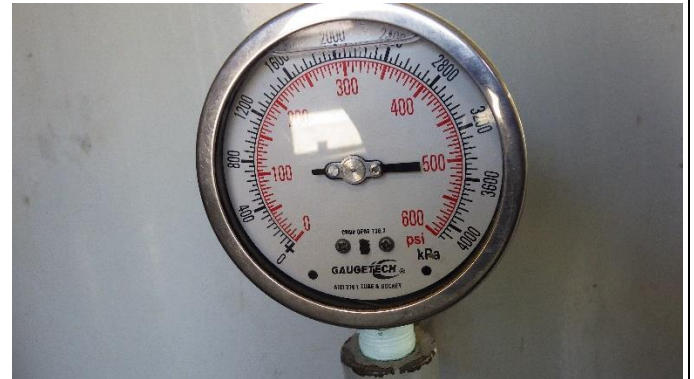
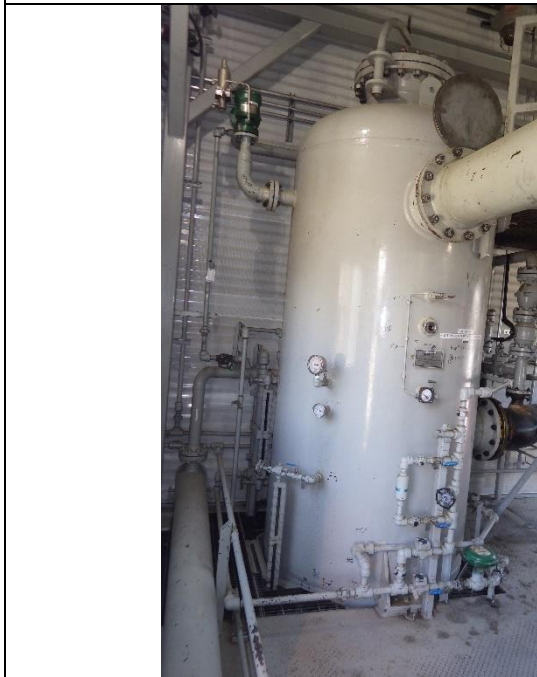
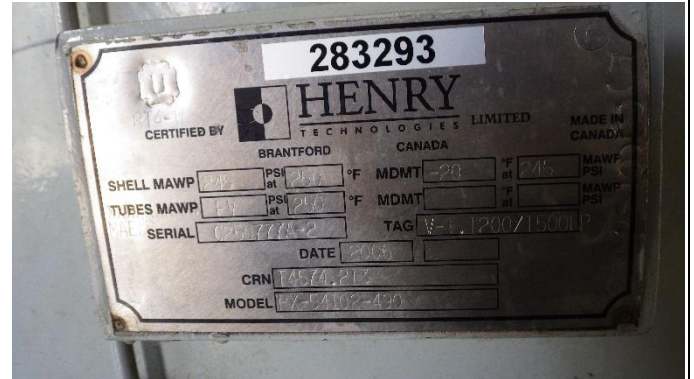
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**PHOTOS**



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