

## PRESSURE VESSEL & COLUMN INSPECTION REPORT

LSD 7-27-051-19W5

Date June 14, 2019

SAP Equipment ID 66043907

Report # A 2741026 -2019-VE-01

VESSEL STATIC DATA													
Plant				Ansell Gas Plant #1				Op Unit		Ansell		System	
Prov. Insp. #				2741026 NB#				CRN		Equip Tag #		66043907	
Equipment Description				Pressure Vessel				Serial #					
Manufacturer								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	
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	
		Vessel piping SAP 66046896										No access	
PRD DETAILS													
		Type (Thread/Flange)				ANSI Rating				Size (mm)			
PRD Inlet		Flanged											
PRD Outlet		Flanged											

### INSPECTION SUMMARY

Visual external inspection was performed.  
Vessel and piping acceptable.  
Vessel is acceptable and FFS.  
Data plate is secure and legible.  
Well supported.  
PSV inaccessible at time of inspection

### RECOMMENDATIONS

Ensure PSV set pressure and service date are acceptable

### NONCONFORMANCES / INSPECTION DEFICIENCIES

### INSPECTION PLANNING

Inspection Strategy		Availability		Inspection Interval	
Inspection Date		Date of Last Inspect		Date of Next Inspect	

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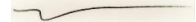
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VE-01**REPORT CERTIFICATION**

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	<u>Brent Drader</u>		Date	<u>June 13, 2019</u>
Company	_____	PESL #	<u>84488</u>	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)	acceptable			No concerns noted.
V2	General Corrosion	acceptable			No concerns noted.
V3	General Leaks	acceptable			No concerns noted.
V4	Vibration	N/A			No concerns noted.
V5	Dissimilar Flange Rating	N/A			No concerns noted.
V6	Ladder/Stairway/ <u>Platforms</u>	N/A			No concerns noted.
V7	Heads	Acceptable			No concerns noted.
V8	Guy Wires	N/A			No concerns noted.
V9	Electrical Ground	Acceptable			No concerns noted.
V10	Painted Inactive Corrosion	N/A			No concerns noted.
V11	Coating/Painting	Acceptable			No concerns noted.
V12	Expansion Joint or Bellows	N/A			No concerns noted.
V13	Gauge/Site Glass	Acceptable			No concerns noted.
V14	Shell	Acceptable			No concerns noted.
V15	Jacket	N/A			No concerns noted.
V21	Support Other (Please explain)	N/A			No concerns noted.
V22	Foundation	Acceptable			No concerns noted.
V23	Anchor Bolts	N/A			No concerns noted.
V24	Saddle/Skirt	N/A			No concerns noted.
V25	Davit	N/A			No concerns noted.
V26	Fireproofing	N/A			No concerns noted.
V31	Connections Other (Please explain)	N/A			No concerns noted.
V32	Small Branches	Acceptable			No concerns noted.
V33	Nozzles	Acceptable			No concerns noted.
V34	Manways	N/A			No concerns noted.
V35	Reinforcing Pads	N/A			No concerns noted.
V36	Inadequate Thread Engagement	N/A			No concerns noted.
V37	Bolting	Acceptable			No concerns noted.
V38	Flanges	Acceptable			No concerns noted.
V39	Leak Clamps	N/A			No concerns noted.
V41	Insulation Other (Please explain)	N/A			No concerns noted.
V42	Damage	N/A			No concerns noted.
V43	Penetrations	N/A			No concerns noted.
V44	Insulation Jacket	N/A			No concerns noted.
V45	Banding	N/A			No concerns noted.
V46	Seals/Joints	Acceptable			No concerns noted.
V51	Relief Devices Other (Please explain)	inaccessible			Confirm PSV set and service
V52	Corrosion	Acceptable			No concerns noted.
V53	Leaks	N/A			No concerns noted.
V54	Restricted Inlet/Outlet	N/A			No concerns noted.
V55	Manual Operation Lever	N/A			No concerns noted.

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 HT RT-1 W				CERTIFIED BY <b>WELLS-HALL FABRICATION</b> EDMONTON, ALBERTA			
				16 X 4-4 3/4 INLET GAS PARTICLE FILTER			
A. NO.		 2741026					
C.R.N.		K-5165.2		CO. CODE #			
MAN. SER. #		91-6019-0		YR. BLT.		1991	
SHELL THICKNESS		0.656		HEAD THICKNESS		0.602	
MAWP	740	PSI	5102	KPA	AT	100	°F 38 °C
MDMT	-20	°F	-29	°C	AT	740	PSI 5102 KPA

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