

PRESSURE VESSEL & COLUMN INSPECTION REPORT

LSD: 07-27-051-19W5M

Date: Jun 19, 2018

SAP Equipment ID: 66130683

VESSEL STATIC DATA									
Plant Ansell			Op Unit Plant 2			System Propane			
Prov. Insp. # A0571634			CRN 110833.2			Equip Tag # V-800			
Equipment Description NGL Bullet						Serial # H0700289			
Manufacturer Trinity Industries						Vessel Class			
Internal Access: Description: Manway						Year Built 2007			
MAWP 250		PSI		@ 125		°F		MDMT -20 °F	
CODE : U				RT : 4		PWHT : No			
Diameter 131.875"		Length (T/T)		in		OAL 1080.875 in		Horizontal	
Shell Mat'l	SA-516-70		Thickness	0.828 in		Corr Allowance		mm	
Head Mat'l	SA-516-70N		Thickness	0.487 in		Corr Allowance		mm	
Nozzle Mat'l			Thickness	mm / in		Corr Allowance		mm	
Internal Coating: NO			Internal Clad : NO			Capacity m ³			
Manway : NO			Inspection Port : YES			Skirt			
Nozzle Rating		lb ANSI		Painted : YES		Insulated NO			
PROCESS DATA									
Product Description Propane						Sweet			
Operating Pressure 0		PSI		Operating Temperature 0		°F			
PSV STATIC DATA									
Serial No.	Location		Set Pressure	Capacity SCFM	Manufacturer	Model / Type	Service Date / Company		
C06-56586	Top shell, East		250 psi	49156	Anderson Greenwood	26310-46/S1	06/19/18/Access		
PSV DETAILS									
	Type (Thread/Flange)			ANSI Rating			Size (inches)		
PRD Inlet	Flanged			N/A			4"		
PRD Outlet	Flanged			N/A			6"		
NDE Equipment Records									
Procedure#	Description	Manufacturer		Model#		Serial#		Due Date	

INSPECTION SUMMARY

Vessel was not in operation at the time of this inspection. Vessel and piping are secured. Nozzles are flanged. No short bolting located. Vessel is painted, paint is in good condition. Data plate is secured and legible. Ground wire located and secured. There are 2 PSV's secured to the top shell of vessel. PSV service tag is secured and service is up to date. PSV is set at mawp, vents to flare. There are isolation valves located on the PSV inlet piping. Isolation valves are carsealed open. The PSV in middle top shell info, S/N: CO6-38617, Set pressure: 227 psi, and is below mawp. SCFM: 44863, Anderson Greenwood, Service 06/19/2018. The West, top shell PSV was gone for servicing at the time of this inspection. Vessel is secured to saddle and bolted to pilings.

RECOMMENDATIONS

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NONCONFORMANCES / INSPECTION DEFICIENCIES

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INSPECTION PLANNING

Inspection Strategy _____	Availability _____	Inspection Interval _____
Inspection Date _____	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	Curtis Graham		Date	Jun 19, 2018
Company	Streamline Inspection Ltd	PESL #	000785	API # 51479
Reviewed and Approved by			Date	

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	_____	PESL # _____	API # _____
Criticality Assessment Rerun	_____	Inspection Planning Rerun	_____
Assessed Next Inspection Date			

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DETAILED INSPECTION VISUAL EXTERNAL

ID	Description	Condition	Location	NCR	Comments
V1	General Other (Please Explain)	N/A			
V2	General Corrosion	Acceptable	None located		
V3	General Leaks	Acceptable	No evidence located		
V4	Vibration	Acceptable	No vibration.		
V5	Dissimilar Flange Rating	Acceptable	None located		
V6	Ladder/Stairway	Acceptable	Secured, good condition		
V7	Heads	Acceptable	Good condition		
V8	Guy Wires	N/A			
V9	Electrical Ground	Acceptable	Secured/Direct		
V10	Painted Inactive Corrosion	Acceptable			
V11	Coating/Painting	Acceptable			
V12	Expansion Joint or Bellows	N/A			
V13	Gauge/Site Glass	Acceptable	Clear & legible		
V14	Shell	Acceptable			
V15	Jacket	N/A			
V21	Support Other (Please explain)	Acceptable	Pipe supports		
V22	Foundation	Acceptable	Saddle/pilings		
V23	Anchor Bolts	Acceptable	Secured		
V24	Saddle/Skirt	Acceptable	Secured		
V25	Davit	N/A			
V26	Fireproofing	N/A			
V31	Connections Other (Please explain)	N/A			
V32	Small Branches	Acceptable	Secured		
V33	Nozzles	Acceptable			
V34	Manways	N/A			
V35	Reinforcing Pads	Acceptable	Weep holes present		
V36	Inadequate Thread Engagement	Acceptable	Good condition		
V37	Bolting	Acceptable	No short bolting located		
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	Acceptable			
V51	Relief Devices Other (Please explain)	Acceptable	Good condition		
V52	Corrosion	N/A			
V53	Leaks	Acceptable	None located		
V54	Restricted Inlet/Outlet	Acceptable	No restrictions located		
V55	Manual Operation Lever	Acceptable	Good condition		

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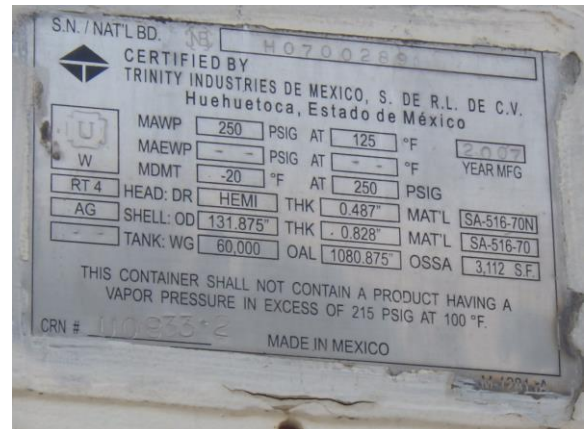
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PHOTOS



LSD



VESSEL DATA PLATE



VESSEL OVERVIEW



FOUNDATION OVERVIEW (SADDLE)



FOUNDATION OVERVIEW (PILLARS)



LEVEL GAUGE OVERVIEW

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GROUND WIRE



EAST PSV DATA PLATE



EAST PSV SERVICE TAG



EAST PSV TAG



EAST PSV ISOLATION VALVE (CARSEALED OPEN)



EAST PSV OVERVIEW

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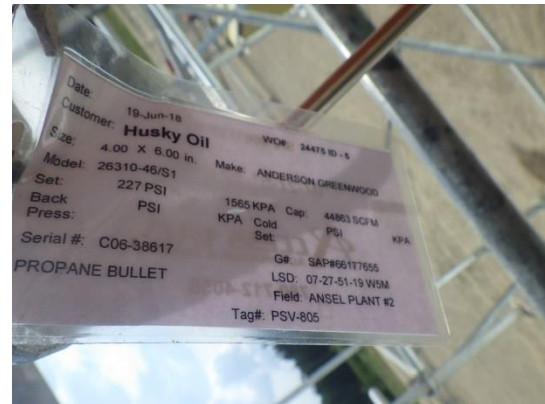
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MIDDLE (TOP SHELL) PSV OVERVIEW



MIDDLE PSV SERVICE TAG



MIDDLE PSV TAG



MIDDLE PSV ISOLATION VALVE (CARSEALED OPEN)



MIDDLE PSV OVERVIEW



WEST PSV ISOLATION VALVE (PSV OUT FOR SERVICING)