

Field Inspection Report - Long_Run 3162189_08/08/2013_UT_External

Vessel Number	3162189	Vessel Name	PROPANE SUBCOOLER	Province	Alberta
District	NORTHERN - AB	LSD	03-26-074-01W6	Location	PUSKWASKAU
Method	UT	Access	External	Cleaning	Good
Inspection Date (mm/dd/yyyy)	08/08/2013	Inspection Interval (months)	60	Next Inspection (mm/dd/yyyy)	08/08/2018
CRN	N1346.2	Skid Number	PKG62777	Service	Sweet
Internal Access	No	Internal Coating	No	Status	In Service
MAWP (PSI)	250.05	MAWP (kPa)	1724	Outstanding NCRs	0
MAWT (°C)	66.11	MAWT (°F)	151		

General

2013 Ultrasonic Corrosion Survey.

Safety Valves

PSV P99578 Tube side. Set pressure: 1320 PSI / 9101.14 KPa. MAWP: 1320.01 PSI / 9101 KPa. Capacity: 21007 SCFM / 594.85 m³/min.

PSV P99587 Shell side. Set pressure: 250 PSI / 1723.7 KPa. MAWP: 250.05 PSI / 1724 KPa. Capacity: 15079 SCFM / 426.99 m³/min.

External Condition

Refer to the latest VT External inspection report as part of this thorough inspection.

Internal Condition

The vessel was UT inspected for wall loss.

Mountain West Services Ultrasonic Corrosion Survey Project #C61017, as reported on Drawing #15, noted all vessel thickness readings to be above ASME Section VIII, Div. 1 code requirements at time of inspection. The calculated retirement date is 2033 with a program maximum of 20 years.

The associated piping was also inspected.

Caution was generated on piping TML's 25, 30 and 50. Calculations indicate the areas are well above minimum required thickness for design conditions.

2" piping T-min = .0148". Lows of .156" were recorded within the TML's.

Next inspection is 5 years or 1/2 remaining life, whichever is less.



101, 56 Cuendet Industrial Way, Sylvan Lake, AB T4S 0B6

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Recommendations

Recommend 5 year interval for next UT inspection.
Ultrasonic Corrosion Survey due again in 2018.

Suitable to be returned to Service	Yes	Suggested Inspection interval (Months)	60
Repairs are still required	No		
Duane Paetkau Cert #000087 Inspector	Signature		10/22/2013 Date (mm/dd/yyyy)

Pictures

-No pictures for this inspection-