



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

Field Inspection Report - Long_Run

3174858_08/06/2013_UT_External

Vessel Number	3174858	Vessel Name	INLET SEPARATOR	Province	Alberta
District	NORTHERN - AB	LSD	03-26-074-01W6	Location	PUSKWASKAU
Method	UT	Access	External	Cleaning	Good
Inspection Date (mm/dd/yyyy)	08/06/2013	Inspection Interval (months)	60	Next Inspection (mm/dd/yyyy)	08/06/2018
CRN	N1538.2	Skid Number	PKG62774	Service	SOUR
Internal Access	Yes	Internal Coating	No	Status	In Service
MAWP (PSI)	1400	MAWP (kPa)	9652.72	Outstanding NCRs	0
MAWT (°C)	65.56	MAWT (°F)	150		

General

2013 Ultrasonic Corrosion Survey.

Safety Valves

PSV P102253 Shell side. Set pressure: 1400 PSI / 9652.72 KPa. MAWP: 1400 PSI / 9652.72 KPa. Capacity: 13647 SCFM / 386.44 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 #1, 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.

Caution was generated on boot head TML 45. Calculations indicate the area is well above minimum required thickness for design conditions.

Boot head T-min = .6855". Lows of 1.201" were recorded within the TML.

The associated piping was also inspected.

Caution was generated on piping TML 60. Calculations indicate the area is well above minimum required thickness for design conditions.

Nominal thickness of the 4" piping = .337". T-min = .1522". Lows of .270" were recorded within the TML.

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



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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-	
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