



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

Field Inspection Report - Long_Run

557073_04/15/2010_UT_External

Vessel Number	557073	Vessel Name	INLET SEPARATOR	Province	Alberta
District	NORTHERN - AB	LSD	01-25-076-01W6	Location	EAGLESHAM PLANT
Method	UT	Access	External	Cleaning	Good
Inspection Date (mm/dd/yyyy)	04/15/2010	Inspection Interval (months)	60	Next Inspection (mm/dd/yyyy)	04/15/2015
CRN	T6684.2	Skid Number	PKG54820 / V-100	Service	Sweet
Internal Access	YES	Internal Coating	No	Status	In Service
MAWP (PSI)	675	MAWP (kPa)	4653.99	Outstanding NCRs	0
MAWT (°C)	93.33	MAWT (°F)	200		

General

2010 Ultrasonic Corrosion Survey.

Safety Valves

PSV P80372 Shell side. Set pressure: 675 PSI / 4653.99 KPa. MAWP: 675 PSI / 4653.99 KPa. Capacity: 17030 SCFM / 482.24 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.

Echo NDE report #172, as indicated on Drawing #52, noted all vessel thickness readings to be above ASME Section VIII, Div. 1 code requirements at time of inspection. The calculated retirement date is 2030 with a program maximum of 20 years.

The associated piping was also inspected with no notable wall loss recorded.

Caution was generated on piping TML 130. Calculations indicate the area is well above minimum required thickness for design conditions.

The elbow appears to be at the low end of the 12.5% allowable mill undertolerance.

Caution was generated on column piping TML's 175 and 185. Calculations indicate the areas are well above minimum required thickness for design conditions.

Nominal thickness of the piping = .237". T-min = .0798". Lows of .186" were recorded within the TML's.

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 2015.

Suitable to be returned to Service	Yes	Suggested Inspection interval (Months)	60
Repairs are still required	No		
Duane Paetkau Cert #000087 Inspector		Signature	04/29/2010 Date (mm/dd/yyyy)

Pictures

-No pictures for this inspection-	
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