

Field Inspection Report - Long_Run 483121_09/13/2011_VT_Internal

Vessel Number	483121	Vessel Name	INLET SEPARATOR	Province	Alberta
District	NORTHERN - AB	LSD	11-06-080-18W5	Location	DAWSON
Method	VT	Access	Internal	Cleaning	Good
Inspection Date (mm/dd/yyyy)	09/13/2011	Inspection Interval (months)	48	Next Inspection (mm/dd/yyyy)	09/13/2015
CRN	P5114.21	Skid Number	PKG54928	Service	Sweet
Internal Access	YES 20"	Internal Coating	No	Status	In Service
MAWP (PSI)	1445	MAWP (kPa)	9962.99	Outstanding NCRs	0
MAWT (°C)	51.67	MAWT (°F)	125		

General

PSV was removed for service at the time of inspection.
Demister was not removed for inspection.
Vessel had no anodes.

Safety Valves

PSV MWS68593 Shell side. Set pressure: 1440 PSI / 9928.512 KPa. MAWP: 1445 PSI / 9962.986 KPa. Capacity: 21951 SCFM / 621.58 m3/min.

External Condition

All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical grounding and external coating (insulation and cladding) appear good. Associated piping, supports and components appear in good condition and alignment with no signs of leaks or defects present at the time of inspection. No evidence of short studding or nut rounding at time of inspection. Verify PSV protection and PSV's are properly installed with any block valves locked/sealed open. Verify vessel has Alberta CRN and A# stamping, PSV has correct code stamp, set pressure and MWS tagging, and was last serviced within the required interval guidelines.
Assign inspection interval.

Internal Condition

Vessel shell and head materials appeared in good condition with the exception of one area with scattered pitting identified, there was no other areas with visible signs of pitting or corrosion occurring at the time of inspection. All circ seam and long seam welds were in good condition with no visible signs of defects noted. All nozzles and



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nozzle welds were in good condition and free from obstructions at the time of inspection. Manway and cover were in good condition.

Area of pitting that was identified located on the bottom of the head to shell to the left of the manway area of pitting was approx 1.5" wide by 2.5" in lgth. size of larger pits were approx. 0.375 w. .x 0.5 lg x 0.090 in depth and 0.375 w. .x 0.75 lg x 0.075 in depth

Emulsion box and weir intact and appeared good, it had a hole cut in it at the bottom on the side nearest the manway approximate size 12" w x 12" high

Demister was in place and appeared good.

Recommendations

Monitor area of pitting identified on next UT and internal inspection

One aluminum anode was installed prior to close up on the 8" nozzle in the emulsion box end

Suitable to be returned to Service	Yes	Suggested Inspection interval (Months)	48
Repairs are still required	No		
Jay Bourne, MWS Inspector	Signature		09/27/2011 Date (mm/dd/yyyy)

Pictures

-No pictures for this inspection-