

Mountain West Services Ltd.

#3, 14 Thevenaz Industrial Trail, Sylvan Lake, AB T4S 2J5

Field Inspection Report - CNRL 486625_20/03/2011_VT_External

| | | | | | |
|------------------------|----------------|----------------------------|----------------|-------------------------|------------|
| Vessel Number | 486625 | Vessel Name | LINE HEATER | Province | Alberta |
| District | WEST COUNTY | LSD | 14-04-075-11W6 | Location | VALHALLA |
| Method | VT | Access | External | Cleaning | Good |
| Inspection Date | 20/03/2011 | Inspection Interval | 60 | Next Inspection | 20/03/2016 |
| CRN | B-60.2134578T4 | Skid Number | SKID0243 | Service | |
| Manway | NO | Coating | False | Status | In Service |
| MAWP (PSI) | 3375 | MAWP (Kpa) | 23269.95 | | |
| MAWT (F) | 93.33 | MAWT (C) | 200 | Outstanding NCRS | 0 |
| | | | | | |

General

Safety Valves

PSV NON-CODE Shell side. Set pressure 10 PSI / 0 KPa. Capacity: 0 SCFM / 0 m3/min.

PSV NON-CODE Coil2 side. Set pressure 1563 PSI / 0 KPa. Capacity: 0 SCFM / 0 m3/min.

PSV NON-CODE Coil1 side. Set pressure 3375 PSI / 0 KPa. Capacity: 0 SCFM / 0 m3/min.

External


All visible shell surfaces and nozzles appear in good condition. Name plate is intact and legible. Vessel supports, foundation, electrical bonding and external coating 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 CRN and A# stamping, PSV has correct code stamp and MWS tagging, and was last serviced within the required interval guidelines.

Assign inspection interval.

Internal

Recommendations

| | | | |
|--|--|--|---------------------------|
| INSPECTOR : I have witnessed/done the above inspections and certify that they have been done in accordance with our approved manual and that the information is accurate. I certify that the status of the Pressure equipment detailed here is: | | | |
| Suitable to be returned to Service | Yes | Repairs complete (AB-40 attached) | N/A |
| Repairs are still required | No | Suggested Inspection interval | 60 |
| Glenn Allen, MWS Inspector |  | | 04/10/2011 Date |

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NISKU, ALBERTA

| | | | | |
|---------------|-------------------------|---------------|--------|------|
| SERIAL NO. | 021019-003 V2 | | BLT. | 2002 |
| | COIL 1 | COIL 2 | COIL 3 | |
| C.R.N. | E-60.21345781 | E-60.21345781 | | |
| C.A. | 0.125" | 0.125" | | |
| M.W.P./M.W.T. | 3375PST/200F | 1563PST/200F | | |
| TUBE SPEC. | SA-333-6 | SA-106-B | | |
| T.S. | 60000 | 60000 | | |
| TUBE THK. | 0.300" NOM | 0.300" NOM | | |
| M.D.M.T. | -20 F AT 3375/1563 PSTG | | | |

(A) 486625

