

## Field Inspection Report - Long\_Run 3162275\_06/10/2017\_VT\_External

|                              |               |                              |                |                              |            |
|------------------------------|---------------|------------------------------|----------------|------------------------------|------------|
| Vessel Number                | 3162275       | Vessel Name                  | PRODUCT COOLER | Province                     | Alberta    |
| District                     | NORTHERN - AB | LSD                          | 03-26-074-01W6 | Location                     | PUSKWASKAU |
| Method                       | VT            | Access                       | External       | Cleaning                     |            |
| Inspection Date (mm/dd/yyyy) | 06/10/2017    | Inspection Interval (months) | 60             | Next Inspection (mm/dd/yyyy) | 06/10/2022 |
| CRN                          | N1357.2       | Skid Number                  | PKG62778       | Service                      |            |
| Internal Access              | No            | Internal Coating             | No             | Status                       | In Service |
| MAWP (PSI)                   | 550           | MAWP (kPa)                   | 3792.14        | Outstanding NCRs             | 0          |
| MAWT (°C)                    | 204.44        | MAWT (°F)                    | 400            |                              |            |
|                              |               |                              |                |                              |            |

### General

External Inspections are routinely performed at recommended intervals to check the condition of the outside surface of the vessel, insulation systems, painting and coating systems, supports, and associated structure; and to check for leakage, hot spots, vibration, the allowance for expansion and the general alignment of the vessel on its supports. Additionally, the over pressure protection system is inspected to ensure PSV set pressure is at or below the MAWP of the vessel/equipment it is protecting, is aligned in a vertical plane, has correct code stamping and has been serviced within required service intervals.

### Safety Valves

PSV P99589 Tube side. Set pressure: 550 PSI / 3792.14 KPa. MAWP: 550 PSI / 3792.14 KPa. Capacity: 3134 SCFM / 88.74 m3/min.

### External Condition

- All visible header box surfaces and nozzles appeared in good condition with no degradation or damage noted.
- Name plate was intact and legible with the Cooler NB#, A# and Alberta CRN legibly stamped on it.
- Cooler supports, foundation, electrical grounding and external coating appeared satisfactory.
- Associated piping, supports and components appeared in good condition and alignment with no signs of leaks or defects present at the time of inspection.

- PSV protection was verified and PSV's were properly installed with any block valves locked/sealed open. PSV had correct code stamp, set pressure and MWS tagging, and was last serviced in 2013 by Unified.

### Internal Condition

No internal inspection activities were completed during this inspection opportunity.



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

## Field Inspection Report - Long\_Run 3162275\_06/10/2017\_VT\_External

### Recommendations

Service the PSV in 2018, and forward the service report to MWS for database, and service interval updates.

|                                                                                                                                  |                  |                                               |                                        |
|----------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------|----------------------------------------|
|                                                                                                                                  |                  |                                               |                                        |
| <b>Suitable to be returned to Service</b>                                                                                        | Yes              | <b>Suggested Inspection interval (Months)</b> | 60                                     |
| <b>Repairs are still required</b>                                                                                                | No               |                                               |                                        |
| Doug Gohmann ABSA ISPV:<br>000636, API 510: 37850, API 653:<br>44081, API 570: 49453, SK<br>CLASS 2 PEI: 159<br><b>Inspector</b> | <b>Signature</b> |                                               | 07/25/2017<br><b>Date (mm/dd/yyyy)</b> |

### Pictures

|                                   |  |
|-----------------------------------|--|
| -No pictures for this inspection- |  |
|-----------------------------------|--|