DX25-12

Exhibit 1. Date November 3, 2021. Rev 0

**Inspection and Test Report in accordance with CSA B620 7.2. Page 1 of 6**

| | |
|---|---|
| **Name and address of Inspection and Test Facility:**<br>Rogue Pressure Testing<br>32126 RR 5.5 Sundre AB T0M 1X0<br>TC-1273 | **Name Owner/Carrier:** FOOTHILLS ENERGY SERV<br>Address KUUSAMO A.B<br><br>Telephone No: 877-346-2464 |

| Tank Spec | Mfr. Certification Date Month/Year | Assembler Certification Date Month/Year |
|---|---|---|
| DOT 407 | 10/12 | 10/12 LAST M5 02/22 |

**TC 331 51, MC 330 QT** ☐ **NQT** ☐ **PWHT After Mfr** ☐

**Special Service** Corrosive ☐ LPG ☐ NH3 ☐ Gasoline ☐ Diesel ☐ Other _____

Lined ☑ Insulated and Jacketed ☐ Lining Type SHERGLASS FF

| Owner Unit No | Tank Mfr Serial No. | Tank Mfr Date Month/Year | Tank Manufacturer | Assembler |
|---|---|---|---|---|
| Q4 | VIN 5HTDL374XD5G25290 | 10/12 | HEIL | HEIL |

| | | |
|---|---|---|
| **Tank Design Pressure** kPa ☐ PSI ☑ | **Original Tank Test Pressure** kPa ☐ PSI ☑ | **MDIN** |
| **Tank MAWP** kPa ☐ PSI ☑ | **Re-test Pressure** kPa ☐ PSI ☐ | **TCRN** |

**Tank Vol. Cap** Liters ☐ USG ☑

Comp 1 8,500 Comp 2 _____ Comp 3 _____

Comp 4 _____ Comp 5 _____ Comp 6 _____

**Exposed Surface Area SQ.M** ☐ **SQ.FT** ☑

Comp 1 839 Comp 2 _____ Comp 3 _____

Comp 4 _____ Comp 5 _____ Comp 6 _____

**Shell Manufactured Thickness** MM ☐ INCHES ☑

Top 0.250 Sides 0.250 Bottom 0.250 Heads Mfd. Thk. 0.375

**Shell Minimum Thickness** MM ☐ INCHES ☑

Top 0.219 Sides 0.219 Bottom 0.219 Heads Min Thk 0.315

**Shell Mat.Spec/Grade** 5454-H32 **Heads Mat. Spec/Grade** 5454-0 **Weld Material** 5356

**Types of inspections and tests performed.**

External Inspection ☑ Leakage Test ☑ Internal Inspection ☐ Upper Coupler Area Inspection ☐ Thickness Test ☐ Pressure Test ☐

Legible pictures of the MIP and the ASME Nameplates are attached to this Inspection Test and Repair Report ☐

| Ref | External Inspection. Appendix 1 - 1.0 and CSA B620 7.2.1 | Pass | Fail | Corrected | NA |
|---|---|---|---|---|---|
| 1 | Metal identification plate, tank markings: Inspect to ensure plate is secured, entries legible - no paint or corrosion. Ensuring that specification markings and all other required markings on the tank are present and legible. | ☑ | ☐ | ☐ | ☐ |
| 2 | Without removing insulation or jacketing, inspect tank for corroded areas, dents, distortions, defects in welds, and any other condition, including leakage, that indicates weakness in the tank that might render it unsafe for transportation. Corroded or abraded areas shall be thickness tested and documented. Overlay patches are prohibited.<br>Insulated tanks – Outer Jacket. Condition of attachments, dents, digs, scrapes, perforations, loose sheeting, cracks and distortion. | ☑ | ☐ | ☐ | ☐ |
| 3 | Inspect structural supports, crossmembers, outriggers, pads, tank frame, reinforcement rings, major appurtenances and attachments, connecting structures, and those elements of the upper coupler (fifth wheel) assembly that can be inspected without dismantling that assembly, are not damaged or corroded so as to affect safe operation of the vehicle | ☑ | ☐ | ☐ | ☐ |
| 4 | Inspect piping, valves and gaskets for operation, leakage, corrosion. Ensure proper functioning of all valves, vents, pressure and emergency devices, including self-closing stop valves, excess-flow valves, and remote closure devices – ensuring that they are free of corrosion, distortion or any other condition or damage that would prevent their normal operation. Ensure all bottom outlet valves have shear sections or accident damage protection Ensure that fusible links, and fusible elements are present and operative | ☑ | ☐ | ☐ | ☐ |
| 5 | Inspect all ladders, catwalks, platforms and fall protection devices for damage, defects in welds, ensuring their safe operation. | ☑ | ☐ | ☐ | ☐ |
| 6 | Inspect manway covers, all closure devices, caps, nipples and plugs for leaks, tightness and operation. Check all gaskets for leaks. Inspect all bolts and nuts on any flanged connections or blank flange – ensure all bolts, nuts are in place and properly secured | ☑ | ☐ | ☐ | ☐ |
| 7 | All vacuum and reclosing pressure-relief devices shall be externally inspected for any corrosion or damage that could prevent their safe operation. | ☑ | ☐ | ☐ | ☐ |
| 8 | For tanks in corrosive service, all vacuum and reclosing pressure-relief devices shall be removed for inspection and shall be bench tested to ensure that they open at the required set-to-discharge pressure for the tank's MAWP and reseat at not less than 90% of that pressure or at the reseat pressure prescribed for the tank specification | ☐ | ☐ | ☐ | ☑ |
| 9 | Inspect accident damage protection devices – condition of welds, damage, distortion, corrosion abrasion and any other condition that might render the tank unsafe for transportation or cause the tank to be out of compliance. | ☑ | ☐ | ☐ | ☐ |
| 10 | TC/MC 331-Inspect the internal self-closing valve in the liquid discharge opening for leakage through the valve. Off-truck emergency shutdown system shall be inspected to ensure that the system will stop the flow of product from the tank or shall stop motive power to the tank transfer pump. | ☐ | ☐ | ☐ | ☑ |
| 11 | Full opening rear heads – the gaskets shall be inspected for cuts cracks or splits and replaced if cuts cracks, or splits exceed 0.5". | ☐ | ☐ | ☐ | ☑ |
| 12 | Inspect hose assemblies mounted on or accompanying the tank to ensure that they do not display any defects. Inspect hose assemblies to ensure that the required markings are legible, and that the markings indicate that the hose assemblies are pressure tested within the prescribed period. Complete Hose Assembly Inspection and Test Report Exhibit 2 | ☑ | ☐ | ☐ | ☐ |
| 13 | Tank marking: Date (month and year), Symbol (V), Facility Registration Number applied after all defects corrected, inspected, and tested | ☑ | ☐ | ☐ | ☐ |

No Defects Found ☐ Defects Found ☑ Defects Corrected, Inspected and Tested - Pass ☑.

WACEY CAMPBELL — Name of Tank Inspector

Wacey Campbell — Signature of Tank Inspector

03/27/2025 — Date Inspection Completed

| Ref | Leakage Test Appendix 1 - 2.0 and CSA B620 7.2.5 | Pass | Fail | Corrected | NA |
|---|---|---|---|---|---|
| 14 | Product piping and all associated valves and accessories shall be in place and operative. Each valve and closure shall be tested in sequence. With internal valve closed and external valve open inspect for signs of leakage, and no pressure drop. | ☐ | ☑ | ☑ | ☐ |
| 15 | Product piping and all associated valves and accessories shall be in place and operative. Each valve and closure shall be tested in sequence. With external valve closed and internal valve open inspect for signs of leakage, and no pressure drop. | ☐ | ☑ | ☑ | ☐ |
| 16 | Vacuum test tank valves | ☐ | ☐ | ☐ | ☑ |
| 17 | Tank marking: Date (month and year), Symbol (K), Facility Registration Number applied after all defects corrected, inspected and tested | ☑ | ☐ | ☐ | ☐ |

| Tank Comp | Design/MAWP | Test Pressure | Pass | Fail | Corrected |
|---|---|---|---|---|---|
| 1 | 35 PSI | 24PSI | ☐ | ☑ | ☑ |
| 2 | | | ☐ | ☐ | ☐ |
| 3 | | | ☐ | ☐ | ☐ |
| 4 | | | ☐ | ☐ | ☐ |
| 5 | | | ☐ | ☐ | ☐ |
| 6 | | | ☐ | ☐ | ☐ |

Length of Time Leakage Test Held 5 min. Test Medium: Air ☐ Water ☑ Other _____

No Defects Found ☐ Defects Found ☑ Defects Corrected, Inspected and Tested - Pass ☑.

WACEY CAMPBELL Wacey Campbell 03/27/2025

Name of Tank Tester | Signature of Tank Tester | Date Leakage Test Completed

| Ref | Internal Inspection Appendix 1 - 3.0 and CSA B620 7.2.2 | Pass | Fail | Corrected | NA |
|---|---|---|---|---|---|
| 18 | When the tank is not equipped with a manway or inspection opening, or the tank precludes an internal inspection due to lining, the tank shall be pressure tested. | ☐ | ☐ | ☐ | ☐ |
| 19 | Inspect entire interior surface of shell and heads for signs of corrosion, abrasion, pitting, dents or cracks. Overly patches are prohibited. Corroded or abraded areas shall be thickness tested and documented. Inspect non elastomeric linings and coatings in accordance with the lining manufacturers procedures. | ☐ | ☐ | ☐ | ☐ |
| 20 | If the tank is coated an inspection shall conform with the procedures and equipment specified by the coating manufacturer or installer. | ☐ | ☐ | ☐ | ☐ |
| 21 | Inspect all welded connections of tank shell and heads and all structural supports: inspect for corrosion, abrasion, dents, digs, gouges, distortions, defects in welds and other conditions that might render the tank unsafe for transportation. Check areas around baffle openings for sign of distortion or cracks. Corroded or abraded areas shall be thickness tested and documented. | ☐ | ☐ | ☐ | ☐ |
| 22 | Inspect all piping, valves, vents, fittings and gaskets for corrosion, abrasion, and defects in welds, leakage and other conditions that may render the tank unsafe for transportation. Corroded or abraded areas shall be thickness tested and documented. | ☐ | ☐ | ☐ | ☐ |
| 23 | Tank marking: Date (month and year), Symbol (I), Facility Registration Number applied after all defects corrected, inspected and tested | ☐ | ☐ | ☐ | ☐ |

No Defects Found ☐ Defects Found ☐ Defects Corrected, Inspected and Tested - Pass ☐.

Name of Tank Inspector | Signature of Tank Inspector | Date Leak Test Completed

| Ref | Upper Coupler Area Inspection Appendix 1 - 6.0 and CSA B620 7.2.4 | Pass | Fail | Corrected | NA |
|---|---|---|---|---|---|
| 24 | For tanks in corrosive service, once in each 2 year period and in conjunction with the External Visual Inspection, the upper coupler or turntable assembly, and the areas covered by the upper coupler or turntable assembly shall be inspected for corroded and abraded areas, dents, distortions, defects in welds, and any other condition that might render the tank unsafe for transportation. The upper coupler or turntable assembly must be removed for this inspection. Corroded and abraded areas shall be thickness tested and documented. | ☐ | ☐ | ☐ | ☐ |
| 25 | Once in each 5-year period and in conjunction with the Pressure Test, the upper coupler assembly and areas covered by the upper coupler or turntable assembly shall be inspected for corroded or abraded areas, cracks, dents, distortions, defects in welds, and any other condition that may render the tank unsafe for use in transportation. The upper coupler or turntable assembly shall be removed for this inspection. Corroded and abraded areas shall be thickness tested and documented. | ☐ | ☐ | ☐ | ☐ |
| 26 | Tank marking: Date (month and year), Symbol (UC), Facility Registration Number applied after all defects corrected, inspected, and tested. | ☐ | ☐ | ☐ | ☐ |

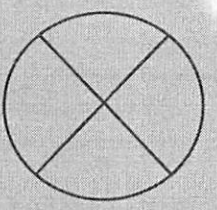
No Defects Found ☐ Defects Found ☐ Defects Corrected, Inspected and Tested - Pass ☐.

Name of Tank Inspector  Signature of Tank Inspector  Date Upper Coupler Inspection Completed

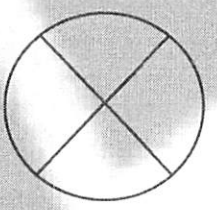
| Ref | Thickness Test Appendix 1 - 5.0 CSA B620 7.2.6 | Pass | Fail | Corrected | NA |
|---|---|---|---|---|---|
| 27 | The shell and head thickness of all unlined tanks used for materials corrosive to the tank shell or heads must be tested at 2-year intervals. | ☐ | ☐ | ☐ | ☐ |
| 28 | Tank marking: Date (month and year), Symbol (T), Facility Registration Number applied after all defects corrected, inspected, and tested. | ☐ | ☐ | ☐ | ☐ |

| | 12:00 | 3:00 | 6:00 | 9:00 | |
|---|---|---|---|---|---|
| | | | | | HEAD |
| 1 | | | | | 1 |
| 2 | | | | | 2 |
| 3 | | | | | 3 |
| 4 | | | | | 4 |
| 5 | | | | | 5 |
| 6 | | | | | 6 |
| 7 | | | | | 7 |
| 8 | | | | | 8 |
| 9 | | | | | 9 |
| 10 | | | | | 10 |
| 11 | | | | | 11 |
| | | | | | HEAD |
| | 12:00 | 3:00 | 6:00 | 9:00 | |

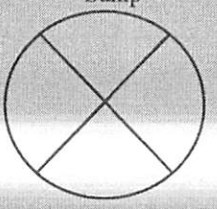
Front Head



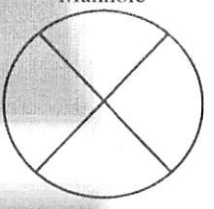
Rear Head



Sump



Manhole



No Defects Found ☐ Defects Found ☐ Defects Corrected, Inspected and Tested - Pass ☐.

Name of Tank Tester  Signature of Tank Tester  Date Thickness Test Completed

| Ref | Pressure Test Appendix 1 - 4.0 and CSA B620 7.2.7 | Pass | Fail | Corrected | NA |
|---|---|---|---|---|---|
| 29 | Prior to performing the Pressure Test, the External Visual Inspection and Internal Visual Inspection shall be completed satisfactorily,<br><br>All closures except PRD and vents set to operate at or below test pressure shall be rendered inoperative. | ☐ | ☐ | ☐ | ☐ |
| 30 | Heating System Hydrostatic Pressure Test. Completed prior to tank pressure test. Tank shall be empty and at atmospheric pressure | ☐ | ☐ | ☐ | ☐ |
| 31 | In conjunction with the Pressure Test all self-closing pressure relief devices shall be removed and tested or replaced. | ☐ | ☐ | ☐ | ☐ |
| 32 | Tank Pressure Test<br>When isolated from the pressure supply, the test pressure shall be retained for minimum 10 minutes, and a visual inspection of all external surfaces reveals no leaks, deformation and bulging. | ☐ | ☐ | ☐ | ☐ |
| 33 | Piping Pressure Test – test at 80% of tank MAWP<br>When isolated from the pressure supply, the test pressure shall be retained for minimum 10 minutes, and a visual inspection of all external surfaces reveals no leaks. | ☐ | ☐ | ☐ | ☐ |
| 34 | Tank marking: Date (month and year), Symbol (P), and Facility Registration Number applied after all defects corrected, inspected and tested. | ☐ | ☐ | ☐ | ☐ |

| Tank Comp | Design/MAWP | Test Pressure | Pass | Fail | Corrected |
|---|---|---|---|---|---|
| 1 | | | ☐ | ☐ | ☐ |
| 2 | | | ☐ | ☐ | ☐ |
| 3 | | | ☐ | ☐ | ☐ |
| 4 | | | ☐ | ☐ | ☐ |
| 5 | | | ☐ | ☐ | ☐ |
| 6 | | | ☐ | ☐ | ☐ |

Length of Time Pressure Test Held _____ minutes. Tank Pressure Test Method: Hydrostatic ☐

Additional Tank Markings applied after all defects corrected inspected and tested:
NQT (Not Quenched and Tempered) ☐ QT (Quenched and Tempered) ☐ WF ☐

No Defects Found ☐ Defects Found ☐ Defects Corrected, Inspected and Tested - Pass ☐.

Name of Tank Tester | Signature of Tank Tester | Date Pressure Test Completed

Describe all defects; nature, severity, location, method of repair and corrective action taken.

| Ref Item # | Deficiencies |
|---|---|
| | PIN HOLE IN BELLY SUMP INTRNAL VALVE.REPLACED |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | HOSES TESTED BY FOOTHILLS ENERGY |

Tank Disposition Statement: Tank Returned to Service ☑ Tank Removed from Service ☐

Next inspection due: 03/26 VK

**Certificate of inspection**

We certify that the statements in this report are correct and that said unit has been inspected and retested in accordance with Alberta Regulations, B620-20, and DOT Regulations (as Required)