

[EXTERNAL VISUAL INSPECTION REPORT VK1]

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Date: Apr 25

CK Inspections

TC Reg: 25-1009; Exp: 2027-12-01

164075 Twp. Rd. 542

Mundare, Alberta T0B 3H0

780-722-4462

Client: MFP Resources Co-PAddress: 5920 76 Ave NWCity: EdmontonPostal Code: T6B 046Phone: 780-465-9668☐ Lined☐ Insulated☐ Both lined and insulated☐ Loaded by vacuum☐ Corrosive service☐ Dedicated service:

Tank serial number:

Tank Spec: Lot 406

Lining Material:

Date of MFR: 1997-11CTMV orig. Test date: 1997-11Manufacturer: Advence

TCRN:

MAWP: 3.3 Kpa/psiMan. Thickness Head: 0.250 inMan. Thickness Shell: 0.188 inExposed surface area: 694 sq ftDesign Temp. Range: -40 F to 120 FShell Material: SA554 H32 Head Material: SA554-0Max Load Rate: 6166 lpm at 3.3 psi kPaMax Unload Rate: 4106 lpm at 2.375 kPa

Heating Sys. Pressure: _____ kPa/psi

Heating Sys. Temperature: _____ C/F

VIN: 2AEARTAHOWR000122Orig. test date: 1997-11Unit Number: 285Comp/Cert date: 1997-11CTMV Cert Date: 1997-11Assembler: Advence

MDIN:

Design Pressure: 5 Kpa/psiMin. Thickness Head: 0.235 inMin. Thickness Shell: 0.173Volumetric Capacity: 7479 GalsMax Lading Density: 8.8 kg/lWeld Material: SA556Max Payload: 54,500 LBSTank Design Pressure: 36 psiRetest Pressure: 5 psi

Inspect jacketing for dents, digs, scrapes, gouges, perforations, stains or other defects or signs of damage to the inner vessel or any other condition that might make it unsafe as per 7.2.1(a)	Pass	Fail	Rep.	NA
Inspect the entire area of head and shell for dents, gouges, bulges, corrosion, abrasion, cracks or signs of leakage or other conditions that might render it unsafe for transport as per 7.2.1(a)	Pass	Fail	Rep.	NA
Inspect the entire length of every weld for cracks, defects or signs of leakage as per 7.2.1(a)	Pass	Fail	Rep.	NA
Ensure devices for tightening manhole covers are operative and covers are leak tight as per 7.2.1(b)	Pass	Fail	Rep.	NA
Check all valves, vents, emergency devices and remote closures for corrosion, distortion, cracks, signs of weakness and loose or missing fasteners as per 7.2.1(c)	Pass	Fail	Rep.	NA
Ensure all required markings are legible; including manway, PRV, couplings, Valves and specification plate as per 7.2.1(e)	Pass	Fail	Rep.	NA
Inspect supporting structures, pads, bolsters, tie-downs and protective devices for dents, distortion, cracks, signs of weakness and loose or missing fasteners as per 7.2.1(f)	Pass	Fail	Rep.	NA
Ensure accompanying or mounted hoses comply with inspection and marking requirements as per 7.2.10.4	Pass	Fail	Rep.	NA
Check to ensure voids are unplugged and show no signs of leakage as per 7.2.1.2	Pass	Fail	Rep.	NA
Corroded or abraded areas are thickness tested as per 7.2.1.3	Pass	Fail	Rep.	NA

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eStandard Solutions

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All pressure relief devices are inspected for corrosion or damage as per 7.2.1.4	Pass	Fail	Rep.	NA
If lading is corrosive to PRV: re-closing pressure relief valves are replaced or tested as per 7.2.1.4(b)	☒	☐	☐	☐
Gaskets on full opening rear head is inspected and replaced if cut, cracked or split as per 7.2.1.5	Pass	Fail	Rep.	NA
Internal self-closing valve and off truck emergency shut down system tested as per 7.2.1.6	☒	☐	☐	☐
Ensure that all bolts or nuts on any flanged connection or blank flange are in place and properly tightened as per 7.2.1(d)	Pass	Fail	Rep.	NA
	☒	☐	☐	☐

PRV: Tested Y / (N)

PRV type	Set to discharge	Opening pressure	Re-seat pressure	Disposition: Reinstalled/Repaired/Replaced

*PRV's should be numbered from front to rear of tank

Leakage Test

Compartment #	Test Start psi	Test Finish psi	Hold time
1	2.5	2.5	5 min
2	2.5	2.5	5 min
3	2.5	2.5	5 min
4			
5			

Testing

Venting devices hold pressure as required, if removed, they are bench tested and hold pressure as required	Pass	Fail	Rep.	NA
	☒	☐	☐	☐
Manways and closures inspected for leaks and deformation	☒	☐	☐	☐
Flanged connections checked for leakage	☒	☐	☐	☐
Inspect the entire area of the head, shell and welds for leaks or deformation including voids and adjacent compartments	☒	☐	☐	☐
Test pressure maintained for a minimum of 5 minutes	☒	☐	☐	☐
All leaks are repaired before the tank is marked	☒	☐	☐	☐

Defects found

Removed and Replaced #2 #3 manlid Gaskets
#2 vent Accuator Seized and Free up

Constructed of: ☐ Quenched and Tempered steel (QT) ☐ Non-quenched (NQT)
☐ Stress relieved after Mfr.
☐ Stress relieved after repair: ☐ Local stress relief
☐ Complete stress relief

Tank Disposition

☒ Pass ☐ Repaired/Re-tested/Returned to service
☐ Fail/removed from service ☐ Removed from facility

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eStandard Solutions

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Inspector name: Kevin Tomies

Tester name: Kevin Tomies

Inspector Signature: [Signature]

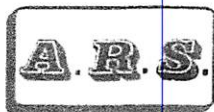
Tester Signature: [Signature]

Date signed: 04/28/25

Date signed: 04/28/25

Inspection expires: 04/28/26

Markings applied: 04/25 VK 1009



A.R.S. WELDING LTD.
#10, 40 CHALLENGER CRESENT
SHERWOOD PARK, ALBERTA T8H 2J6
(780) 464-9612

OVERFILL SYSTEM INSPECTION

This document certifies the following unit (s) overfill system has been checked over and complies with OEM specifications

Unit: 285 VIN 2AEARPAE1WR000122

Unit: 286 VIN 2AEARPAE1WR000123

Unit Type: (Circle one) Body Tank Tank Semi Train Pup

Make: Advence Year: 1997 Model: B-train

Number of scully plug connections (Plug-ins): _____

Compartment 1 Inspection plate compartment size <u>1500L</u> Compartment safe-fill (tunnel) marking <u>1450L</u> 250L or 3% head space <u>3.1</u> Sensor height <u>6 1/4"</u> Wet tested in series <u>✓</u>	Compartment 4 Inspection plate compartment size <u>1100L</u> Compartment safe-fill (tunnel) marking <u>10670L</u> 250L or 3% head space <u>3.1</u> Sensor height <u>9.75"</u> Wet tested in series <u>✓</u>
Compartment 2 Inspection plate compartment size <u>700L</u> Compartment safe-fill (tunnel) marking <u>6750L</u> 250L or 3% head space <u>200L</u> Sensor height <u>9.5"</u> Wet tested in series <u>✓</u>	Compartment 5 Inspection plate compartment size <u>17500</u> Compartment safe-fill (tunnel) marking <u>16975</u> 250L or 3% head space <u>3.1</u> Sensor height <u>7.25"</u> Wet tested in series <u>✓</u>
Compartment 3 Inspection plate compartment size <u>1200L</u> Compartment safe-fill (tunnel) marking <u>11690L</u> 250L or 3% head space <u>3.1</u> Sensor height <u>5.75"</u> Wet tested in series <u>✓</u>	Compartment 6 Inspection plate compartment size _____ Compartment safe-fill (tunnel) marking _____ 250L or 3% head space _____ Sensor height _____ Wet tested in series _____

Test Date: 04/28/25
Month/Day/Year

Expiry Date: 04/28/26
Month/Day/Year

Tank Tester-Mechanic Name: Kevin Senior

Signature: [Signature]

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CK Inspections

TC Reg: 25-1009; Exp: 2027-12-01
 164075 Twp. Rd. 542
 Mundare, Alberta T0B 3H0
 780-722-4462

Client: MEP Resources CorpAddress: 5920 76 Ave NWCity: EdmontonPostal Code: T6B-0H6Phone: 780-465-9668

- ☐ Lined
☐ Loaded by vacuum
☐ Insulated
☐ Corrosive service

☐ Both lined and insulated☐ Dedicated service:

Tank serial number:

Tank Spec: Dot 406

Lining Material:

Date of MFR: 1997-11CTMV orig. Test date: 1997-11Manufacturer: Advence

TCRN:

MAWP: 3.3 Kpa/50 psiMan. Thickness Head: 0.252 inMan. Thickness Shell: 0.186 inExposed surface area: 611 sq ftDesign Temp. Range: -40 °C to 120 °CShell Material: SA54-H32Max Load Rate: 6164 ppm at 3.3 psi kPaMax Unload Rate: 4406 ppm at 0.335 kPa

Heating Sys. Pressure: _____ kPa/psi

Heating Sys. Temperature: _____ C/F

VIN: BAFARRAE1WROD123Orig. test date: 1997-11Unit Number: 256Comp/Cert date: 1997-11CTMV Cert Date: 1997-11Assembler: Advence

MDIN:

Design Pressure: 5 Kpa/75 psiMin. Thickness Head: 0.235Min. Thickness Shell: 0.173Volumetric Capacity: 6270 GalMax Lading Density: 8.8 kg/lWeld Material: SA54Max Payload: 46075 lbsTank Design Pressure: 36 psiRetest Pressure: Spec

Inspect Jacketing for dents, digs, scrapes, gouges, perforations, stains or other defects or signs of damage to the inner vessel or any other condition that might make it unsafe as per 7.2.1(a)	Pass	Fail	Rep.	NA
Inspect the entire area of head and shell for dents, gouges, bulges, corrosion, abrasion, cracks or signs of leakage or other conditions that might render it unsafe for transport as per 7.2.1(a)	Pass	Fail	Rep.	NA
Inspect the entire length of every weld for cracks, defects or signs of leakage as per 7.2.1(a)	Pass	Fail	Rep.	NA
Ensure devices for tightening manhole covers are operative and covers are leak tight as per 7.2.1(b)	Pass	Fail	Rep.	NA
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Ensure all required markings are legible; including manway, PRV, couplings, Valves and specification plate as per 7.2.1(e)	Pass	Fail	Rep.	NA
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Ensure accompanying or mounted hoses comply with inspection and marking requirements as per 7.2.10.4	Pass	Fail	Rep.	NA
Check to ensure voids are unplugged and show no signs of leakage as per 7.2.1.2	Pass	Fail	Rep.	NA
Corroded or abraded areas are thickness tested as per 7.2.1.3	Pass	Fail	Rep.	NA

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Standard Solutions

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All pressure relief devices are inspected for corrosion or damage as per 7.2.1.4	Pass ☒	Fail ☐	Rep. ☐	NA ☐
If lading is corrosive to PRV: re-closing pressure relief valves are replaced or tested as per 7.2.1.4(b)	Pass ☐	Fail ☐	Rep. ☐	NA ☒
Gaskets on full opening rear head is inspected and replaced if cut, cracked or split as per 7.2.1.5	Pass ☐	Fail ☐	Rep. ☐	NA ☒
Internal self closing valve and off truck emergency shut down system tested as per 7.2.1.6	Pass ☒	Fail ☐	Rep. ☐	NA ☐
Ensure that all bolts or nuts on any flanged connection or blank flange are in place and properly tightened as per 7.2.1(d)	Pass ☒	Fail ☐	Rep. ☐	NA ☐

PRV: Tested Y/(N)

PRV type	Set to discharge	Opening pressure	Re-seat pressure	Disposition: Reinstalled/Repaired/Replaced

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Leakage Test

Compartment #	Test Start psi	Test Finish psi	Hold time
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5			

Testing

Venting devices hold pressure as required, if removed, they are bench tested and hold pressure as required	Pass ☒	Fail ☐	Rep. ☐	NA ☐
Manways and closures inspected for leaks and deformation	☒	☐	☐	☐
Flanged connections checked for leakage	☒	☐	☐	☐
Inspect the entire area of the head, shell and welds for leaks or deformation including voids and adjacent compartments	☒	☐	☐	☐
Test pressure maintained for a minimum of 5 minutes	☒	☐	☐	☐
All leaks are repaired before the tank is marked	☒	☐	☐	☐

Defects found

#5 Compartment Dome lid Gasket Replaced

Constructed of: ☐ Quenched and Tempered steel (QT) ☐ Non-quenched (NQT)
☐ Stress relieved after Mfr.
☐ Stress relieved after repair: ☐ Local stress relief ☐ Complete stress relief

Tank Disposition

☒ Pass ☐ Repaired/Re-tested/Returned to service
☐ Fail/removed from service ☐ Removed from facility

Services Provided by:
Standard Solutions

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Inspector name: Kevin Tempest

Tester name: Kevin Tempest

Inspector Signature: [Signature]

Tester Signature: [Signature]

Date signed: 04/28/25

Date signed: 04/28/25

Inspection expires: 04/28/26

Markings applied: 04/85 VK 1009