V33-3
JWN

[EXTERNAL VISUAL INSPECTION REPORT VK1]

Date: Nov 7 25

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

Client: ARS Tanking + Welding Limited
Address: 10-40 Challenger Crescent
City: Edmonton
Postal Code: T8H-2W6
Phone: 780-464-9612

☐ Lined ☐ Insulated ☐ Both lined and insulated
☐ Loaded by vacuum ☐ Corrosive service ☐ Dedicated service:

Tank serial number:
Tank Spec: DOT-406: AL
Lining Material:
Date of MFR: May 1997
CTMV orig. Test date: May 1997
Manufacturer: Advance
TCRN:
MAWP: 3.3 Kpa/(Psi)
Man. Thickness Head: 0.250 in
Man. Thickness Shell:
Exposed surface area: 693 ft²
Design Temp. Range: -40 °F to 120 °F
Shell Material: 5454-H32 Head Material: 5454-O Weld Material: 5356
Max Load Rate: 616 Gpm/lpm at 3.3 psi/ kPa
Max Unload Rate: 4406 lpm at 0.375 kPa
Heating Sys. Pressure: kPa/psi
Heating Sys. Temperature: C/F

VIN: 8AEARSTAE4VR000380
Orig. test date: May 1997
Unit Number: 018A
Comp/Cert date: May 1997
CTMV Cert Date: May 1997
Assembler: Advance
MDIN:
Design Pressure: 36 Kpa/(Psi)
Min. Thickness Head:
Min. Thickness Shell: 0.173 in
Volumetric Capacity: 7450 Gal
Max Lading Density: 6.4 Kg/L LB/Gal
Max Payload: 53,365 LBS
Tank Design Pressure: 5psi
Retest Pressure: 5psi

	Pass	Fail	Rep.	NA
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)	☐	☐	☐	☑
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)	☑	☐	☐	☐
Inspect the entire length of every weld for cracks, defects or signs of leakage as per 7.2.1(a)	☑	☐	☐	☐
Ensure devices for tightening manhole covers are operative and covers are leak tight as per 7.2.1(b)	☑	☐	☐	☐
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)	☑	☐	☐	☐
Ensure all required markings are legible; including manway, PRV, couplings, Valves and specification plate as per 7.2.1(e)	☑	☐	☐	☐
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)	☑	☐	☐	☐
Ensure accompanying or mounted hoses comply with inspection and marking requirements as per 7.2.10.4	☐	☐	☐	☑
Check to ensure voids are unplugged and show no signs of leakage as per 7.2.1.2	☑	☐	☐	☐
Corroded or abraded areas are thickness tested as per 7.2.1.3	☐	☐	☐	☑

	Pass	Fail	Rep.	NA
All pressure relief devices are inspected for corrosion or damage as per 7.2.1.4	☑	☐	☐	☐
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	☐	☐	☐	☑
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)	☑	☐	☐	☐

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	5min
2	2.5	2.5	5min
3	2.5	2.5	5min
4			
5			

Testing	Pass	Fail	Rep.	NA
Venting devices hold pressure as required, if removed, they are bench tested and hold pressure as required	☑	☐	☐	☐
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

No Defects Found

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:
eStandardSolutions

[EXTERNAL VISUAL INSPECTION REPORT VK1]

Inspector name: Kevin Jenkins
Inspector Signature:
Date signed: Nov 10 2025
Inspection expires: Nov 2026

Tester name: Kevin Jenkins
Tester Signature:
Date signed: Nov 10 2025
Markings applied: 11/25 VK 1009

[INTERNAL INSPECTION REPORT I1]

Date: June 925

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

Client: ARS Trucking + welding limited
Address: 10-40 Challenger Crescent
City: Edmonton
Postal Code: T8H-2J6
Phone: 780-464-9612

☐ Lined ☐ Insulated ☐ Both lined and insulated
☐ Loaded by vacuum ☐ Corrosive service ☐ Dedicated service: _____

Tank serial number: _____ VIN: 2AEABTAE4VR000380
Tank Spec: Dot-406-AL Orig. test date: may 1997
Lining Material: _____ Unit Number: 018A
Date of MFR: may 1997 Comp/Cert date: may 1997
CTMV orig. Test date: may 1997 CTMV Cert Date: may 1997
Manufacturer: Advence Assembler: Advence
TCRN: _____ MDIN: _____
MAWP: 3.3 Kpa/(Psi) Design Pressure: 36 Kpa/Psi
Man. Thickness Head: e250 ins Min. Thickness Head: _____
Man. Thickness Shell: _____ Min. Thickness Shell: 0.173
Exposed surface area: 695ft² Volumetric Capacity: 7480 Gal
Design Temp. Range: -40° F to 120° F Max Lading Density: 8.4 kg/l
Shell Material: 5454-H32 Head Material 5454-O Weld Material: 5356
Max Load Rate: 6166 Gpm lpm at 3.3 psi kPa Max Payload: 53,385 LBS
Max Unload Rate: 7406 Gpm lpm at 0.375 psi kPa Tank Design Pressure: 36 psi
Heating Sys. Pressure: _____ kPa/psi Retest Pressure: 5 psi
Heating Sys. Temperature: _____ C/F

Lining test completed if lined as per 7.2.2.1(c)	Pass ☐	Fail ☐	Rep. ☐	NA ☑
Enter the tank and inspect for: dents, gouges, cracks, corrosion, abrasions or signs of leakage in the shell or heads including bulkheads as per 7.2.2.1(a)	Pass ☑	Fail ☐	Rep. ☐	NA ☐
Inspect piping, valves and gaskets for damage as per 7.2.2.1(a)	Pass ☐	Fail ☐	Rep. ☐	NA ☑
Inspect every weld for cracks, defects or signs of leakage as per 7.2.2.1(b)	Pass ☑	Fail ☐	Rep. ☐	NA ☐
Corroded areas are thickness tested if found as per 7.2.2.1(d)	Pass ☑	Fail ☐	Rep. ☐	NA ☐

Defect and location

No defects Found

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

Inspector name: Kevin James
Inspector Signature: [signature]
Date signed: June 10 25
Inspection expires: June 2030

Tester name: Kevin James
Tester Signature: [signature]
Date signed: June 10 25
Markings applied: 06/25 VR1 PUC 1009

Services Provided by:
eStandardSolutions

Date: June 9 25

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

Client: ARS Trucking + welding limited
Address: 10-40 Challenger Crescent
City: Edmonton
Postal Code: T8H-2J6
Phone: 780-464-9612

☐ Lined ☐ Insulated ☐ Both lined and insulated
☐ Loaded by vacuum ☐ Corrosive service ☐ Dedicated service: _____

Tank serial number: _____
Tank Spec: DOT-406-AL
Lining Material: _____
Date of MFR: May 1997
CTMV orig. Test date: May 1997
Manufacturer: Advance
TCRN: _____
MAWP: 3.3 Kpa/Psi
Man. Thickness Head: .250 ins
Man. Thickness Shell: _____
Exposed surface area: 693 1/2
Design Temp. Range: -40°F to 120°F
Shell Material: 5454-H32 Head Material: 5454-O Weld Material: 5356
Max Load Rate: 616 Gpm lpm at 3.3psi kPa
Max Unload Rate: 1406 Gpm lpm at 0.375 psi kPa
Heating Sys. Pressure: _____ kPa/psi
Heating Sys. Temperature: _____ C/F

VIN: 2AEABTAF4VR000380
Orig. test date: May 1997
Unit Number: 018A
Comp/Cert date: May 1997
CTMV Cert Date: May 1997
Assembler: Advance
MDIN: _____
Design Pressure: 36 Kpa/(Psi)
Min. Thickness Head: _____
Min. Thickness Shell: 0.173
Volumetric Capacity: 7480 Gal
Max Lading Density: 8.4 kg/l
Max Payload: 53,385 LBS
Tank Design Pressure: 36 psi
Retest Pressure: 5 psi

Corroded or abraded areas are thickness tested 7.2.4	Pass ☐	Fail ☐	Rep. ☑	NA ☐
Cracks or defects in welds	Pass ☑	Fail ☐	Rep. ☐	NA ☐
Dents, distortions or any other condition that might render the tank unsafe for use	Pass ☑	Fail ☐	Rep. ☐	NA ☐

The upper coupler must be removed even if it is welded to the tank if it obstructs the inspector from conducting a proper inspection. When re-fitted to the tank, the upper coupler should be inspected for distortion/deflection, clearance, kingpin wear and to ensure all required fasteners are in place and tight.

Defect and location
Upper Frame Rails 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

Inspector name: Kevin James
Inspector Signature: _____
Date signed: June 10 25
Inspection expires: June 2030

Tester name: _____
Tester Signature: _____
Date signed: _____
Markings applied: 06/25 VK/PLC 1004

Services Provided by:
eStandardSolutions

Date: June 925

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

Client: ARS Trucking + welding limited
Address: 10-40 Challenger Crescent
City: Edmonton
Postal Code: T8H-2S6
Phone: 780-464-9612

☐ Lined ☐ Insulated ☐ Both lined and insulated
☐ Loaded by vacuum ☐ Corrosive service ☐ Dedicated service: _____

Tank serial number: _____
Tank Spec: Dot-406-AL
Lining Material: _____
Date of MFR: May 1997
CTMV orig. Test date: May 1997
Manufacturer: Advence
TCRN: _____
MAWP: 3.3 Kpa/(Psi)
Man. Thickness Head: .250 ins
Man. Thickness Shell: _____
Exposed surface area: 693 ft²
Design Temp. Range: -40 F to 120 F

VIN: 2AEABTAF4VR000380
Orig. test date: May 1997
Unit Number: 018A
Comp/Cert date: May 1997
CTMV Cert Date: May 1997
Assembler: Advence
MDIN: _____
Design Pressure: 36 Kpa/(Psi)
Min. Thickness Head: _____
Min. Thickness Shell: 0.173
Volumetric Capacity: 7480 G.I
Max Lading Density: 8.4 kg/l

Shell Material: 5454-H32 Head Material: 5454-O Weld Material: 5356
Max Load Rate: 616 Gpm lpm at 3.3 psi ~~kPa~~ Max Payload: 53,385 LBS
Max Unload Rate: 4406 Gpm lpm at 0.375 psi ~~kPa~~ Tank Design Pressure: 53,385 LBS
Heating Sys. Pressure: _____ kPa/psi Retest Pressure: 5 psi
Heating Sys. Temperature: _____ C/F

PRV: Tested Y/(N) *PRV's should be numbered from front to rear of tank

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

Test medium: Air

Compartment #	Start test pressure	End test pressure	Hold Time
1	5 psi	5 psi	10 min
2	5 psi	5 psi	10 min
3	5 psi	5 psi	10 min
4			
5			

Pressure Test	Pass	Fail	Rep.	NA
When venting devices are removed, they are bench tested and meet the requirements for the tank	☑	☐	☐	☐
Product piping with all valves and accessories in place and operative must be pressure tested at not less than 80% MAWP	☑	☐	☐	☐
When removed from the pressure supply, the test pressure is retained for the specified time for the pneumatic or hydrostatic test	☑	☐	☐	☐
Inspect the entire area of the heads and shell including all welds for leaks or deformation.	☑	☐	☐	☐

*If a pneumatic test is authorized and completed. The test time can remain at 10 minutes if a soapy solution is applied to all areas of the tank that may produce a leak. Such as: flanges, connections, manways, openings, welds etc. The time can be increased to one hour with no noticeable drop in pressure in lieu of soaping the exterior surfaces.

Defect and location

No defects Found

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

Inspector name: Kevin Jenner

Tester name: Kevin Jenner

Inspector Signature:

Tester Signature:

Date signed: June 10 25

Date signed: June 10 25

Inspection expires: June 2030

Markings applied: 06/25 VKIPVC 1009