

[UPPER COUPLER INSPECTION REPORT UC1]

1

Date: June 9 2025
 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 Challenge Crescent
 City: Edmonton
 Postal Code: T8H-2J6
 Phone: 780-464-9612

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

- ☐ Both lined and insulated
☐ Dedicated service:

Tank serial number: _____

VIN: 2AEARPAAC7VR000382

Tank Spec: 406

Orig. test date: Sept 1998

Lining Material: _____

Unit Number: 01818

Date of MFR: Sept 1998

Comp/Cert date: Sept 1998

CTMV orig. Test date: _____

CTMV Cert Date: Sept 1998

Manufacturer: Advence

Assembler: Advence

TCRN: _____

MDIN: _____

MAWP: 3.3 Kpa/Psi

Design Pressure: 36 Kpa/Psi

Man. Thickness Head: 0.250 in

Min. Thickness Head: 0.235 in

Man. Thickness Shell: 0.186 in

Min. Thickness Shell: 0.173

Exposed surface area: 217/593 sq ft

Volumetric Capacity: 2906/4623 Lsg

Design Temp. Range: 101 F to 201 F

Max Lading Density: 8.4 kg/l

Shell Material: 5454-H32

Head Material: 5454-0 Weld Material: 5356

Max Load Rate: 616 Lsg lpm at 3.3 psi kPa/Psi

Max Payload: 44470 LBS

Max Unload Rate: 410 Lsg lpm at 0.375 kPa/Psi

Tank Design Pressure: 36 psi

Heating Sys. Pressure: _____ kPa/Psi

Retest Pressure: 5 psi

Heating Sys. Temperature: _____ C/F

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

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: Kennie Jemieson

Tester name: _____

Inspector Signature: [Signature]

Tester Signature: _____

Date signed: June 9 2025

Date signed: _____

Inspection expires: June 2030

Markings applied: 06/25 VKIPUC 1009

Services Provided by:
eStandard Solutions

[INTERNAL INSPECTION REPORT I1]

1

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 Tracking & Welding LimitedAddress: 10-40 Challenge CrescentCity: EdmontonPostal Code: T6A-2L6Phone: 780-464-9612☐ Lined☐ Insulated☐ Both lined and insulated☐ Loaded by vacuum☐ Corrosive service☐ Dedicated service: _____

Tank serial number: _____

Tank Spec: 406

Lining Material: _____

Date of MFR: Sept 1998

CTMV orig. Test date: _____

Manufacturer: Advance

TCRN: _____

MAWP: 3.3 Kpa (PSI)Man. Thickness Head: 0.250 inMan. Thickness Shell: 0.186 inExposed surface area: 217/393 sq ftDesign Temp. Range: 40 F to 120 FShell Material: SA54-H32Head Material: SA54-DMax Load Rate: 616 kg/lpm at 3.3 psi kPaMax Unload Rate: 440 kg/lpm at 0.375 kPa psi

Heating Sys. Pressure: _____ kPa/psi

Heating Sys. Temperature: _____ C/F

VIN: 2AEARPAC71R000382Orig. test date: Sept 1998Unit Number: 0183Comp/Cert date: Sept 1998CTMV Cert Date: Sept 1998Assembler: Advance

MDIN: _____

Design Pressure: 36 Kpa (PSI)Min. Thickness Head: 0.250 inMin. Thickness Shell: 0.186 inVolumetric Capacity: 2906/4623 kgMax Lading Density: 8.4 kg/lWeld Material: SS56Max Payload: 44770 lbsTank Design Pressure: 36 psiRetest Pressure: 5 psi

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 FoundConstructed 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 facilityInspector name: Kevin TennessInspector Signature: [Signature]Date signed: June 9 25Inspection expires: June 2030Tester name: Kevin TennessTester Signature: [Signature]Date signed: June 9 25Markings applied: 06/25 VKIPUC 1009Services Provided by:
eStandard Solutions

[PRESSURE TEST REPORT P1]

1

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-2Y6

Phone: 780-454-9612

☐ Lined

☐ Loaded by vacuum

☐ Insulated

☐ Corrosive service

☐ Both lined and insulated

☐ Dedicated service: _____

Tank serial number: _____

Tank Spec: 406

Lining Material: _____

Date of MFR: Sept 1998

CTMV orig. Test date: Sept 1998

Manufacturer: Advance

TCRN: _____

MAWP: 3.3 Kpa/Psi

Man. Thickness Head: 0.250 in

Man. Thickness Shell: 0.186 in

Exposed surface area: 217/593 sq ft

Design Temp. Range: 40°F to 120°F

Shell Material: S454-H32

Head Material: S454.0

Weld Material: S356

Max Load Rate: 616 L/g lpm at 3.3 psi kPa

Max Payload: 44470 LBS

Max Unload Rate: 440 L/g lpm at 0.575 kPa

Tank Design Pressure: 36 psi

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			
2			
3			
4	<u>5 psi</u>	<u>5 psi</u>	<u>10 min</u>
5	<u>5 psi</u>	<u>5 psi</u>	<u>10 min</u>

Services Provided by:
Standard Solutions

