Invoice - 25111

Revision No.: 7
Date: April, 2021
Approved by: MA.

Test and Inspection Report in Accordance with CSA B620

Facility Name: Northern Metering Services Test Date NOV 13/2025.
Address 1000 Barrydowne Road
Telephone (705) 525 0296 Facility Registration No. 25-0520
Tank Owner [redacted] er Signature
Tank Owner A [redacted]
Telephone [redacted]
Owner Serial No: _____
Tank Serial No: 24554 CERT. Date JUNE 2023.
MANUFACTURER TREMCAR INC. VIN No. 5KKMAXEM5PPUB7370.
MFR DATE SEPT 2022 MATERIAL 5454 H32. TANK SPEC TC 406
TCRN or MDIN 24554 MAWP 22.75 KPA Design Pressure _____
Minimum Shell Thickness 4.06 mm Minimum Head Thickness 4.75 mm
Tank Lined ☐ Insulated ☐ Corrosive Service ☐ Dedicated Service ☒

COMP. CAPACITY 1 7000 IG/D 2 7000 IG/D 3 7000 IG/D
4 4000 IG/D 5 _____ IG/L 6 _____ IG/L

TESTS PERFORMED ☒"V" ☐"I" ☒"K" ☐"P" ☐"U/C"

External Visual Inspection "V"

Item Inspected	QC Manual	Complies	Reject
Data plate and other safety markings are present and legible	12.2.3	X	
Shell & Heads, corrosion abrasion dents overlay patches leaks etc	12.2.4	X	
Drain hole between multi compartment tanks	12.2.4	X	
Structural member, outriggers, crossmembers etc	12.2.5	X	
Piping and valves for leakage, damage, corrosion	12.2.7	X	
Valve operating system, thermal devices	12.2.7	X	
Tank attachments to frame or running gear	12.2.8	X	
Hoses for defects, identification and test dates	12.2.9	X	
Ladders, walkways etc	12.2.10	X	
Fill covers, manways and closure devices	12.2.11	X	
Emergency devices (remote closures, self closing stop valves)	12.2.12	X	
Relief valves and vents (replace or test if tank in service where lading corrosive to relief device)	12.2.12	X	
Accident damage protection	12.2.13	X	

Inspector M. ALEXANDER Signature M. Alexander Date NOV 13/2025.

Internal Visual Inspection "I"

Item Inspected	QC Manual	Complies	Reject
Interior surface, corrosion, distortion overlay patches, cracking etc	12.3.2	_____	_____
Interior welds for defects, cracking etc	12.3.3	_____	_____
Internal supports and attachments	12.3.4	_____	_____
Internal valves, piping and vents for leakage, damage, etc	12.3.4	_____	_____

Inspector _____ Signature_____ Date _____

Note: Rejection Criteria for Visual Inspections

Any of the following conditions shall cause the tank to be rejected

Less than minimum material thickness under any cut, dig or gouge
Any dent with a depth greater than 1/2" where it includes a weld
Any dent with a depth greater than 10% of the length of the dent
Any weld defect including a crack, pinhole, or incomplete fusion of the weld
Any structural defect or any source of leak
Any repairs made using overlay patches
Defective, unidentified or out of test Hose Assemblies

Upper Coupler Inspection "UC"

	Complies	Reject
Upper coupler removed from tank and inspected (including tank areas above)	_____	_____
Upper coupler inspected in place	_____	_____

Inspector _____ Signature_____ Date _____

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Leakage Test "K"

Test Pressure: 2.6 PSI (80% of MAWP Min.) Test Medium: DIESEL. Hold Time: 5 MIN.

Item	Comp. #1 Pass	Comp. #1 Fail	Comp. #2 Pass	Comp. #2 Fail	Comp. #3 Pass	Comp. #3 Fail	Comp. #4 Pass	Comp. #4 Fail	Comp. #5 Pass	Comp. #5 Fail	Comp.#6 Pass	Comp.#6 Fail
All components in place	X		X		X		X					
All seams checked	X		X		X		X					
All gaskets checked	X		X		X		X					
ISC valve seat checked	X		X		X		X					
All external valve seat checked in sequence	X		X		X		X					
Piping connections	X		X		X		X					

Tester M. ALEXANDER. Signature M. Alexander Date NOV 13/2025.

Pressure Test "P"

Test Pressure (Tank) _____ Hold Time _____

(Refer to Table 7.4 of CSA B620-2020 for appropriate test pressure)

Test Pressure (Piping) _____ (80% MAWP Min.) Test Medium _____

Item	Comp. #1 Pass	Comp. #1 Fail	Comp. #2 Pass	Comp. #2 Fail	Comp. #3 Pass	Comp. #3 Fail	Comp. #4 Pass	Comp. #4 Fail	Comp. #5 Pass	Comp. #5 Fail	Comp.#6 Pass	Comp.#6 Fail
All components in place												
All seams checked												
All gaskets checked												
ISC valve seat checked												
All external valve seat checked in sequence												
Piping connections												
Pressure relief valve												
Manhole cover relief valve												

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SELF CLOSING PRESSURE RELIEF DEVICE TEST

Model ________________ Relief (set to open at) _______ Relief Vacuum (set to open at) ______

	Comp. #1	Comp. #2	Comp. #3	Comp. #4	Comp. #5	Comp. #6
Open at	_______	_______	_______	_______	_______	_______
Reseated at	_______	_______	_______	_______	_______	_______
Adjusted	_______	_______	_______	_______	_______	_______
Replaced	_______	_______	_______	_______	_______	_______
Reinstall	_______	_______	_______	_______	_______	_______

Model ________________ Relief (set to open at) _______ Relief Vacuum (set to open at) ______

	Comp. #1	Comp. #2	Comp. #3	Comp. #4	Comp. #5	Comp. #6
Open at	_______	_______	_______	_______	_______	_______
Reseated at	_______	_______	_______	_______	_______	_______
Adjusted	_______	_______	_______	_______	_______	_______
Replaced	_______	_______	_______	_______	_______	_______
Reinstall	_______	_______	_______	_______	_______	_______

Model ________________ Relief (set to open at) _______ Relief Vacuum (set to open at) ______

	Comp. #1	Comp. #2	Comp. #3	Comp. #4	Comp. #5	Comp. #6
Open at	_______	_______	_______	_______	_______	_______
Reseated at	_______	_______	_______	_______	_______	_______
Adjusted	_______	_______	_______	_______	_______	_______
Replaced	_______	_______	_______	_______	_______	_______
Reinstall	_______	_______	_______	_______	_______	_______

Tester ______________________ Signature__________________ Date ______________________

Revision No.: 7
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Description of defects found and methods used to repair

NO DEFECTS FOUND.

Tank successfully retested after weld repair YES ☐ NO ☐ N/A ☒
Written repair weld inspection report attached YES ☐ NO ☐ N/A ☒

Test and inspect the automatic engine air intake shut-off device Pass ☒ Fail ☐ Not Available ☐
Clause 7.1(j) of B621-14
Test and Inspect brake interlock system (Clause 7.1(h) B621-14) Pass ☒ Fail ☐ Not Available ☐
Inspect wheel chock blocks (Clause 7.1(h) B621-14) Available ☒ Not Available ☐
Inspect fire extinguisher minimum total of 40BC per unit Available ☒ Not Available ☐
(Clause 7.1(i) B621-14)

Tank Disposition: Removed from Service YES ☐ NO ☒
Safety Mark (Specification Indication) removed YES ☐ NO ☒
Return to Service YES ☒ NO ☐
Tank Markings Applied YES ☒ NO ☐

Revision No.: 7
Date: April, 2021
Approved by: ma.

Hose Assembly Test and Inspection Report in Accordance with CSA B620

Facility Name: Northern Metering Services Test Date Nov 12/2025.
Address 1000 Barrydowne Rd. Sudbury, Ontario, ON.
Telephone (705) 525-0296 Facility Registration No. 25-0520
Tank Owner Address [redacted] Owner Signature _____

Hose ID Number 24554-1
HAWP 100 P.S.I
Test Pressure 120 P.S.I

HOSE TYPE:
- ☐ CSA Certified Hose
- ☐ Gravity Drop Hose
- ☐ Vacuum Hose
- ☐ Vapor Recovery Hose

FUEL OIL DELIVERY HOSE.

Hose Item Inspected	Complies	Reject	Retest Complies	N/A
Damaged to the hose cover that exposes the reinforcement	✓			
Kinked, Flattened or permanently deformed wire braid	X			
Soft spots when not under pressure, bulging under pressure or loose outer covering	X			
Damaged, slipping or excessively worn hose couplings	X			
Loose or missing bolts or fastenings on bolted hose coupling assemblies				X
Deteriorated legibility or absence of ID No. or HAWP	X			

Important : A hose assembly having any damaged identified above shall be taken out of service and not pressure tested until repaired

Annual Pressure Test	Complies	Reject	Retest Complies	N/A
	X			

(a) The test pressure shall be
- (i) for CSA-certified hose assemblies, not less than 2400 kPa (350 psi)
- (ii) for gravity off-load hose assemblies (drop hoses), not less than 69 kPa (10 psi);
- (iii) for vapour recovery hose assemblies on TC406 tanks and the equivalent and substitute tanks identified in CSA B621, not less than 69 kPa (10 psi);
- (iv) for vacuum hose assemblies on tanks loaded by vacuum, used exclusively for vacuum loading, and marked "vacuum only" in place of HAWP as specified in Clause 7.2.10.6, not less than 69 Kpa (10 psi) and
- (v) not applicable to vacuum hoses that are
  - (1) an integral part of a boom assembly or vacuum system on tanks loaded by vacuum; and

(2) used exclusively for vacuum loading; and
(vi) for all other hose assemblies, the greater of 120% of the marked HAWP of the hose assembly and 518 kpa (75 psi)

(b) The following shall not be used to pressurize the hose assembly:

(i) compressed gas;
(ii) compressed air;
(iii) flammable liquid; or
(iv) corrosive liquid.

NOTE: Water is the recommended test fluid.

(c) The requirements of item (b) shall not apply to

(i) hose assemblies used to handle aircraft fuel;
(ii) CSA-certified hose assemblies; or
(iii) hose assemblies used in refrigerated liquefied gas service that are manufactured and documented as conforming to CSA B51 or ASME B31.3 and marked " CSA B51" or

(d) Provisions shall be made to protect personnel during testing should failure occur.
(e) To pass the pressure test, the hose assembly shall hold the pressure without bulging, distortion, or leaks for at least 5 min when isolated from the pressure supply.

Inspector Name R. ALEXANDER Signature R. Alexander Date NOV 13/2025

Description of defects found and methods using to repair
HOSE TAG AT DRUM END. 150' x 1.5" OIL HOSE.

Revision No.: 7
Date: April, 2021
Approved by: ma

Hose Assembly Test and Inspection Report in Accordance with CSA B620

Facility Name: Northern Metering Services Test Date Nov 12/2025
Address 1000 Barrydowne Rd. Sudbury, Ontario, ON.
Telephone (705) 525-0296 Facility Registration No. 25-0520
Tank Owner Address [redacted] Owner Signature _____
[redacted] 80.

Hose ID Number 24554-2
HAWP 100 P.S.I
Test Pressure 120 P.S.I.

HOSE TYPE:
- ☐ CSA Certified Hose
- ☐ Gravity Drop Hose
- ☐ Vacuum Hose
- ☐ Vapor Recovery Hose

FUEL OIL DELIVERY HOSE.

Hose Item Inspected	Complies	Reject	Retest Complies	N/A
Damaged to the hose cover that exposes the reinforcement	X			
Kinked, Flattened or permanently deformed wire braid	X			
Soft spots when not under pressure, bulging under pressure or loose outer covering	X			
Damaged, slipping or excessively worn hose couplings	X			
Loose or missing bolts or fastenings on bolted hose coupling assemblies				X
Deteriorated legibility or absence of ID No. or HAWP	X			

Important : A hose assembly having any damaged identified above shall be taken out of service and not pressure tested until repaired

Annual Pressure Test	Complies	Reject	Retest Complies	N/A
	X			

(a) The test pressure shall be
(i) for CSA-certified hose assemblies, not less than 2400 kPa (350 psi)
(ii) for gravity off-load hose assemblies (drop hoses), not less than 69 kPa (10 psi);
(iii) for vapour recovery hose assemblies on TC406 tanks and the equivalent and substitute tanks identified in CSA B621, not less than 69 kPa (10 psi);
(iv) for vacuum hose assemblies on tanks loaded by vacuum, used exclusively for vacuum loading, and marked "vacuum only" in place of HAWP as specified in Clause 7.2.10.6, not less than 69 Kpa (10 psi) and
(v) not applicable to vacuum hoses that are
(1) an integral part of a boom assembly or vacuum system on tanks loaded by vacuum; and

(2) used exclusively for vacuum loading; and
(vi) for all other hose assemblies, the greater of 120% of the marked HAWP of the hose assembly and 518 kpa (75 psi)

(b) The following shall not be used to pressurize the hose assembly:

(i) compressed gas;
(ii) compressed air;
(iii) flammable liquid; or
(iv) corrosive liquid.

NOTE: Water is the recommended test fluid.

(c) The requirements of item (b) shall not apply to

(i) hose assemblies used to handle aircraft fuel;
(ii) CSA-certified hose assemblies; or
(iii) hose assemblies used in refrigerated liquefied gas service that are manufactured and documented as conforming to CSA B51 or ASME B31.3 and marked " CSA B51" or

(d) Provisions shall be made to protect personnel during testing should failure occur.
(e) To pass the pressure test, the hose assembly shall hold the pressure without bulging, distortion, or leaks for at least 5 min when isolated from the pressure supply.

Inspector Name R. ALEXANDER Signature [signature] Date NOV 13/2025

Description of defects found and methods using to repair
HOSE TAG AT DRUM END. 2"x50' OIL HOSE.

Revision No.: 7
Date: April, 2021
Approved by: MA

Hose Assembly Test and Inspection Report in Accordance with CSA B620

Facility Name: Northern Metering Services Test Date NOV 12/2025.
Address 1000 Barrydowne Rd. Sudbury, Ontario, ON.
Telephone (705) 525-0296 Facility Registration No. 25-0520
Tank Owner Address [redacted] Owner Signature _____

Telephone [redacted]
Hose ID Number 24654-3
HAWP 100 P.S.I
Test Pressure 120. P.S.I

HOSE TYPE:
- ☐ CSA Certified Hose
- ☐ Gravity Drop Hose
- ☐ Vacuum Hose
- ☐ Vapor Recovery Hose

FUEL OIL DELIVERY HOSE.

Hose Item Inspected	Complies	Reject	Retest Complies	N/A
Damaged to the hose cover that exposes the reinforcement	X			
Kinked, Flattened or permanently deformed wire braid	X			
Soft spots when not under pressure, bulging under pressure or loose outer covering	X			
Damaged, slipping or excessively worn hose couplings	X			
Loose or missing bolts or fastenings on bolted hose coupling assemblies				X
Deteriorated legibility or absence of ID No. or HAWP	X			

Important : A hose assembly having any damaged identified above shall be taken out of service and not pressure tested until repaired

Annual Pressure Test	Complies	Reject	Retest Complies	N/A
	X			

(a) The test pressure shall be
- (i) for CSA-certified hose assemblies, not less than 2400 kPa (350 psi)
- (ii) for gravity off-load hose assemblies (drop hoses), not less than 69 kPa (10 psi);
- (iii) for vapour recovery hose assemblies on TC406 tanks and the equivalent and substitute tanks identified in CSA B621, not less than 69 kPa (10 psi);
- (iv) for vacuum hose assemblies on tanks loaded by vacuum, used exclusively for vacuum loading, and marked "vacuum only" in place of HAWP as specified in Clause 7.2.10.6, not less than 69 Kpa (10 psi) and
- (v) not applicable to vacuum hoses that are
  - (1) an integral part of a boom assembly or vacuum system on tanks loaded by vacuum; and

(2) used exclusively for vacuum loading; and
(vi) for all other hose assemblies, the greater of 120% of the marked HAWP of the hose assembly and 518 kpa (75 psi)

(b) The following shall not be used to pressurize the hose assembly:

(i) compressed gas;
(ii) compressed air;
(iii) flammable liquid; or
(iv) corrosive liquid.

NOTE: Water is the recommended test fluid.

(c) The requirements of item (b) shall not apply to

(i) hose assemblies used to handle aircraft fuel;
(ii) CSA-certified hose assemblies; or
(iii) hose assemblies used in refrigerated liquefied gas service that are manufactured and documented as conforming to CSA B51 or ASME B31.3 and marked " CSA B51" or

(d) Provisions shall be made to protect personnel during testing should failure occur.
(e) To pass the pressure test, the hose assembly shall hold the pressure without bulging, distortion, or leaks for at least 5 min when isolated from the pressure supply.

Inspector Name Z. Alexandre Signature [signature] Date Nov 13/2020

Description of defects found and methods using to repair
Hose TAG AT Drill End. 75 x 1.375" Gas Hose.