X34-7
(LEAD)

ALLWELD MFG	TC Reg. No. 25-0704	**External Visual Inspection Report**
1840 Kryczka Pl.	Work Order No.	R001126
Kamloops, BC	Client Name	G & B Fuels Incorporated
V1S 1S4	Client Ph. Number	403-273-5111
	Date	04-15-2025

Address:	189 Cove Rd	Unit Number:	245A
	Chestermere, AB	License Plate Number:	55X7 35
	T1X 1E5	Tank Manufacturer:	Advance
Tank VIN Num.:	2AEABTAH7BR000225	Tank Assembler:	Advance
Truck VIN Num.:	N/A	Tank Specification:	TC 406
TCRN:	N/A	MDIN:	8588

	Top	Sides	Bottom		
Min. Shell Thickness:	4.39	4.39	5.97	Tank Lined:	No
Min. Head Thickness:	5.97			Tank Insulated:	No
				Special Service (Corrosive Etc.)	No

				Month	Year	Configuration
MAWP:	22.7	kPa	Cert Date:	5	2011	B Train Lead
Test Pressure:	34.5	kPa	Mfg Date:	5	2011	
Design Pressure	N/A	PSI				

	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Total
Volumetric Capacity In Litres	18500	5000	12000	N/A	N/A	N/A	35500

Items Inspected		N/A	Repairs Required	Corrected	Complies
7.2.1.1(e) Ensuring that specification and other markings on the tank are legible; if metal identification plates are missing or illegible, the requirements of Clause 7.7 shall apply.	Tank Attachment	☐	☐	☐	☑
	Legible	☐	☐	☐	☑
	Data Complete	☐	☐	☐	☑
	Manhole Lid Markings	☐	☐	☐	☑
	Emergency Shutoff	☐	☐	☐	☑
7.2.1.1(a) Without removing insulation or jacketing, checking for corroded areas, dents, distortions, defects in welds, defects in piping, and any other condition, including leakage, that indicates weakness in the tank that might render it unsafe for transportation.	Barrel	☐	☐	☐	☑
	Attachments	☐	☐	☐	☑
	Piping	☐	☐	☐	☑
	Flexible Couplings	☐	☐	☐	☑
	Pump Bearings	☑	☐	☐	☐
7.2.1.1(b) Ensuring that devices for tightening manhole covers are operative and that the covers are leaktight.	Clamping Ring	☐	☐	☐	☑
	Attachments	☐	☐	☐	☑
	Coagulation	☐	☐	☐	☑
7.2.1.1(c) Ensuring proper functioning of all valves, vents, emergency devices, excess-flow valves, remote closure devices, ensuring that they are free of corrosion, distortion, or any other damage that would prevent their normal operation.	Vapour Vent Operation	☐	☐	☐	☑
	Emergency Valve	☐	☐	☐	☑
	Piping Valves	☐	☐	☐	☑
	Remote Closure Device	☐	☐	☐	☑
	Manifold Valves	☑	☐	☐	☐
7.2.1.1(d) Ensuring that all bolts or nuts on any flanged connection or blank flange are in place and properly tightened.	Manifold Flanges	☑	☐	☐	☐
	Pump & Meter Flanges	☑	☐	☐	☐
	Piping Flanges	☐	☐	☐	☑

Items Inspected		N/A	Repairs Required	Corrected	Complies
7.2.1.1(f) Ensuring that all 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.	Reach Assembly	☑	☐	☐	☐
	Turn Table & Ring	☑	☐	☐	☐
	Dolley Frame	☑	☐	☐	☐
	Upper Fifth Wheel Plate	☐	☐	☐	☑
	Fifth Wheel Plate	☐	☐	☐	☑
	Sub Frame	☐	☐	☐	☑
	Truck Apron & Pintle	☑	☐	☐	☐
	Cabinets & Fenders	☐	☐	☐	☑
	PTO Shaft Assy	☑	☐	☐	☐
7.2.1.2 For multi-compartment vehicles, the drain shall be uncapped or unplugged. If there is no evidence of leakage from the drain or void space, the external inspection for the tank wall in that void space shall be deemed to be satisfied.	Unplugged/Uncapped	☑	☐	☐	☐
	Coagulation	☑	☐	☐	☐
	Damage	☑	☐	☐	☐
7.2.1.4 (a) All reclosing pressure-relief devices shall be externally inspected for any corrosion or damage that could prevent their safe operation.	Hinge & Dome Assy.	☐	☐	☐	☑
	PPV Inspection	☐	☐	☐	☑
	Vacuum Vent Insp.	☑	☐	☐	☐
7.2.1.1(g) Ensuring that hose assemblies mounted on or accompanying the tank do not display any defects listed in clause 7.2.10.4 and have legible markings meeting the requirements of clause 7.2.10.6 and where applicable,	Condition	☐	☐	☐	☑
	Couplings	☐	☐	☐	☑
	Markings	☐	☐	☐	☑
	Inspection Current	☐	☐	☐	☑
B621-20					
7.1 (h) Brake Interlock	Present & Operational	☑	☐	☐	☐
7.1 (h) Wheel Chocks	Present	☐	☐	☐	☑
7.1 (i) Fire Extinguishers	Compliant	☐	☐	☐	☑
7.1 (j) Automatic Engine Air Intake Shut-off Device	Present	☑	☐	☐	☐

Clause	List Defects: Location, Nature, Severity and Describe Repair		No Defects Found ☑
	Location:		**Initial**
	Reason:		**Repaired**
	Repair:		

	Location:		**Initial**
	Reason:		**Repaired**
	Repair:		

	Location:		**Initial**
	Reason:		**Repaired**
	Repair:		

	Location:		**Initial**
	Reason:		**Repaired**
	Repair:		

	Location:		**Initial**
	Reason:		**Repaired**
	Repair:		

Clause	List Defects: Location, Nature, Severity and Describe Repair		
	Location:		Initial
	Reason:		Repaired
	Repair:		
	Location:		Initial
	Reason:		Repaired
	Repair:		
	Location:		Initial
	Reason:		Repaired
	Repair:		
	Location:		Initial
	Reason:		Repaired
	Repair:		
	Location:		Initial
	Reason:		Repaired
	Repair:		
	Location:		Initial
	Reason:		Repaired
	Repair:		
	Location:		Initial
	Reason:		Repaired
	Repair:		
	Location:		Initial
	Reason:		Repaired
	Repair:		

Tank Disposition	Compliant and Returned to Service ☑	Non-compliant, Repairs to Complete ☐	Non-compliant, Removed from Service ☐
Name of Inspector:	Donald Abramson	Inspector Signature:	[signature]

This External Visual Inspection meets the requirements of the CSA B620-20 and CSA B621-20

ALLWELD MFG	TC Reg. No. 25-0704	**Leakage Test**
1840 Kryczka Pl.	Work Order No.	R001126
Kamloops, BC	Client Name	G & B Fuels Incorporated
V1S 1S4	Client Ph. Number	403-273-5111
	Date	04-15-2025

Address:	189 Cove Rd	Unit Number:	245A
	Chestermere, AB	License Plate Number:	55X7 35
	T1X 1E5	Tank Manufacturer:	Advance
Tank VIN Num.:	2AEABTAH7BR000225	Tank Assembler:	Advance
Truck VIN Num.:	N/A	Tank Specification:	TC 406
TCRN:	N/A	MDIN:	8588

	Top	Sides	Bottom
Min. Shell Thickness:	4.39	4.39	5.97
Min. Head Thickness:	5.97		

Tank Lined:	No
Tank Insulated:	No
Special Service (Corrosive Etc.)	No

				Month	Year	Configuration
MAWP:	22.7	kPa	Cert Date:	5	2011	B Train Lead
Test Pressure:	34.5	kPa	Mfg Date:	5	2011	
Design Pressure	N/A	PSI				

	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Total
Volumetric Capacity In Litres	18500	5000	12000	N/A	N/A	N/A	35500

Items Inspected		N/A	Repairs Required	Corrected	Complies
7.2.5.1 (a) Any venting devices set to relieve at less than the test pressure shall be removed or rendered inoperative.	PPVs removed	☐	☐	☐	☑
7.2.5.1 (b) Product piping and all associated valves and accessories shall be in place and operative.	Compliant	☐	☐	☐	☑

7.2.5.1 (c) Each valve and closure shall be tested in sequence.

(e) One of the following shall be used as the test medium:(i) the normal lading of the tank; (iii) water; (v) air; or (vi) vacuum.

(f) When air is used as the test medium, (i) a soapy water mixture shall be used to locate leaks

(h) The pressure shall be not less than 80% of the tank design pressure or MAWP, whichever is less

(i) The test pressure shall be maintained for at least 5 min.

Test Medium :	Air/Soap	**Test Pressure:**	3.3 psi	**Test Hold Time 5 Minutes:**		☑
Test Results:	**Comp. 1**	**Comp. 2**	**Comp. 3**	**Comp. 4**	**Comp. 5**	**Comp. 6**
Compartment	☑	☑	☑	☐	☐	☐
Piping/Manifold	☑	☑	☑	☐	☐	☐

		N/A	Repairs Required	Corrected	Complies
7.2.5.1 The leakage test shall ensure that the tank closures, piping, valves and gaskets are in good condition and do not leak within the piping or to the exterior.	Compliant	☐	☐	☐	☑

Clause	List Defects: Location, Nature, Severity and Describe Repair		No Defects Found ☑
	Location:		Initial
	Reason:		Repaired
	Repair:		

	Location:		Initial
	Reason:		Repaired
	Repair:		

	Location:		Initial
	Reason:		Repaired
	Repair:		

	Location:		Initial
	Reason:		Repaired
	Repair:		

	Location:		Initial
	Reason:		Repaired
	Repair:		

	Location:		Initial
	Reason:		Repaired
	Repair:		

Tank Disposition	Compliant and Returned to Service ☑	Non-compliant, Repairs to Complete ☐	Non-compliant, Removed from Service ☐

Name of Tester:	Donald Abramson	Tester Signature:	

This Leakage Test meets the requirements of the CSA B620-20

ALLWELD MFG
1840 Kryczka Place, Kamloops, B.C., Canada, V1S 1S4
Telephone (250) 372-2725 Telefax (250) 372-8127

Customer: G & B Fuels	Unit: 245A	Date: Apr 15/25

METHOD 27 – Determination of vapor tightness of Gasoline delivery tank using pressure vacuum test CAN/CGSB-3.1000-2019-7.2 Vapour control systems in gasoline distribution networks

1. Ground tank.
2. Pail check to ensure tank is empty.

Pressure Decay Test

The purpose of this test is to verify that both the compartments and VR system have minimal leaks to atmosphere.

1. Open all emergency valve switches to allow air to equalize between compartments.
2. Connect test cap & Manometer to vapor return valve.
3. Visually inspect manhole lids and pressure devices for deficiencies.
4. Perform a sensor "wet test" on each compartment.
5. Through test cap pressurize compartments to a minimum of 18" H2O.
6. Let air pressure stabilize in compartments, close test cap isolation valve, record measurement & begin the pressure test. Record the pressure decay after 5-minutes duration.
7. Perform a second pressure decay test recording both initial & final pressures.
8. Continue performing these tests until two consecutive final pressure tests are within 0.5" H2O.
9. Take an average of the two tests & refer to chart to determine if allowable decay has been met.
10. If the pressure decay test passes continue to the internal vapor test.
11. If pressure decay is more than the allowable limits, make necessary repairs and perform two more consecutive pressure decay tests. Continue this process until unit passes.

Capacity in Litres	Capacity in U.S. Gal.	Initial Pressure (H2O)	Final Pressure (H2O)	Pressure Decay (H2O)	Pass/Fail
35500		18	17.25	.75	Pass
		18	17.25	.75	Pass

Capacity in Litres	Capacity (Gal.)	Max. Decay (H2O)
>9459	>2499	1.0"
5676 to 9458	1500 to 2499	1.5"
3785 to 5675	1499 to 1000	2.0"

Internal Vapor Valve Test

The purpose of this test is to verify that the vapour vents have minimal leaks under pressure.

1. With compartments charged to a minimum of 18" H2O, close emergency valve switches.
2. Bleed air from vapor return valve to return to atmospheric pressure using test cap isolation valve.

ALLWELD MFG
1840 Kryczka Place, Kamloops, B.C., Canada, V1S 1S4
Telephone (250) 372-2725 Telefax (250) 372-8127

3. With testing apparatus still connected to vapor return valve, close testing apparatus isolation valve to isolate vapor recovery system from tank compartments. After a 5-minute duration record pressure build up.
4. Passing criterial will be maximum 5" H2O.
5. If the internal vapor valve test passes continue to the vacuum test.
6. If the Internal vapor valve test pressure is more than the allowable limit, make necessary repairs and perform the test again. Continue this process until unit passes.

Initial Vapor Recovery System Pressure (H2O)	Final Vapor Recovery System Pressure (H2O)	Pressure Decay (H2O)	Pass/Fail
0" H2O	0	0	Pass

Vacuum Test

The purpose of this test is to verify that the vapour vents have minimal leaks under vacuum..

1. Open vapor return valve to atmosphere using the test cap isolation valve.
2. Open all emergency valve switches to allow air in compartments to bleed off through vapor recovery to atmospheric pressure.
3. Connect vacuum pump to test cap apparatus.
4. Initialize pump and pull a vacuum of 6" H2O.
5. Let vacuum stabilize in compartments, close isolation valve on test cap, record measurement & begin the vacuum test. Record the pressure increase in the vapor recovery system if any after a 5-minute duration.
6. Perform a second vacuum test recording both initial & final pressures.
7. Continue performing these tests until two consecutive final vacuum tests are within 0.5" H2O.
8. Take an average of the two tests & refer to the chart on page 1 to determine if allowable vacuum decay has been met.
9. If vacuum test is more than the allowable limits, make necessary repairs and perform two more consecutive vacuum tests. Continue this process until unit passes.

Capacity in Litres	Capacity in U.S. Gal.	Initial Vacuum (H2O)	Final Vacuum (H2O)	Vacuum Decay (H2O)	Pass/Fail
35500		6	5.5	.5	Pass
		6	5.5	.5	Pass

Repairs required To Pass Inspection:

This unit has passed all the requirements as outlined under EPA Method 27		
Inspector: Donald Abramson	Signature:	Date: Apr 16/25

ALLWELD MFG	TC Reg. No. 25-0704	**Hose Assembly Inspection and Testing**
	Work Order No.	R001126
1840 Kryczka Pl.	Client Name	G & B Fuels Incorporated
Kamloops, BC	Client Ph. Number	403-273-5111
V1S 1S4	Date	04-15-2025

Address:	189 Cove Rd	Unit Number:	245A
	Chestermere, AB	License Plate Number:	55X7 35
	T1X 1E5	Tank Manufacturer:	Advance
Tank VIN Num.:	2AEABTAH7BR000225	Tank Assembler:	Advance
Truck VIN Num.:	N/A	Tank Specification:	TC 406
TCRN:	N/A	MDIN:	8588

	Top	Sides	Bottom
Min. Shell Thickness:	4.39	4.39	5.97
Min. Head Thickness:	5.97		

Tank Lined:	No
Tank Insulated:	No
Special Service (Corrosive Etc.)	No

				Month	Year	Configuration
MAWP:	22.7	kPa	Cert Date:	5	2011	B Train Lead
Test Pressure:	34.5	kPa	Mfg Date:	5	2011	
Design Pressure	N/A	PSI				

	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Total
Volumetric Capacity In Litres	18500	5000	12000	N/A	N/A	N/A	35500

Items Inspected	N/A	Repairs Required	Corrected	Complies
7.2.10.4 Hose assemblies shall be inspected annually for				
(a) damage to the hose cover that exposes the reinforcement;	☐	☐	☐	☑
(b) kinked, flattened or permanently deformed wire braid;	☐	☐	☐	☑
(c) soft spots when not under pressure, bulging under pressure or loose outer covering;	☐	☐	☐	☑
(d) damaged, slipping or excessively worn hose couplings;	☐	☐	☐	☑
(e) loose or missing bolts or fastenings on bolted hose coupling assy's	☑	☐	☐	☐
(f) deteriorated legibility or absence of the serial or identification number and HAWP	☐	☐	☐	☑

7.2.10.5 (a) A hose assembly having any damage identified 7.2.10.4 shall be taken out of service and not pressure tested until repaired

7.2.10.5 (b) The test pressure shall be **(i)** for CSA-certified hose assemblies, not less than 350 psi

(ii) for gravity off-load hose assemblies (drop hoses), not less than 10 psi

(iii) for vapour recovery hose assemblies, not less than 10 psi

(vi) for all other hose assemblies, the greater of 120% of the marked HAWP of the hose assembly and 75 psi

Hose Serial Number	Hose Model Number	HAWP	Test Pressure	Test Medium
245A-1	NL3034-300	115	140	Water
245A-2	NL3327-300	115	140	Water

Items Inspected	N/A	Repairs Required	Corrected	Complies
7.2.10.5 (f) 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.	☐	☐	☐	☑

Attention!

All hose assemblies have been tested for electrical continuity. As there is no failing criteria at this time, it is NOT recommended to use a hose assembly for gasoline transfer, dispensing, or fueling applications when reading is greater than 100 ohms.

Hose Serial Number	Continuity (ohms)
245A-1	<
245A-2	<
0	
0	
0	
0	
0	
0	

Clause	List Defects: Location, Nature, Severity and Describe Repair	No Defects Found ☑

Hose Disposition	Compliant and Returned to Service ☑	Non-compliant, Repairs to Complete ☐	Non-compliant, Removed from Service ☐

Name of Tester:	Kyle Thomas	Tester Signature:	

This hose test and inspection meets the requirements of the CSA B620-20

X34-8
(Pup)

ALLWELD MFG	TC Reg. No. 25-0704	**External Visual Inspection Report**
1840 Kryczka Pl.	Work Order No.	R001127
Kamloops, BC	Client Name	G & B Fuels Incorporated
V1S 1S4	Client Ph. Number	403-273-5111
	Date	04-15-2025

Address:	189 Cove Rd	Unit Number:	245B
	Chestermere, AB	License Plate Number:	N/A
	T1X 1E5	Tank Manufacturer:	Advance
Tank VIN Num.:	2AEARPAE8BR000226	Tank Assembler:	Advance
Truck VIN Num.:	N/A	Tank Specification:	TC 406
TCRN:	N/A	MDIN:	8589

	Top	Sides	Bottom		
Min. Shell Thickness:	4.39	4.39	5.97	Tank Lined:	No
Min. Head Thickness:	5.97			Tank Insulated:	No
				Special Service (Corrosive Etc.)	No

				Month	Year	Configuration
MAWP:	22.7	kPa	Cert Date:	5	2011	B Train Pup
Test Pressure:	34.5	kPa	Mfg Date:	5	2011	
Design Pressure	N/A	PSI				

	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Total
Volumetric Capacity In Litres	6500	5000	18500	N/A	N/A	N/A	30000

Items Inspected		N/A	Repairs Required	Corrected	Complies
7.2.1.1(e) Ensuring that specification and other markings on the tank are legible; if metal identification plates are missing or illegible, the requirements of Clause 7.7 shall apply.	Tank Attachment	☐	☐	☐	☑
	Legible	☐	☐	☐	☑
	Data Complete	☐	☐	☐	☑
	Manhole Lid Markings	☐	☐	☐	☑
	Emergency Shutoff	☐	☐	☐	☑
7.2.1.1(a) Without removing insulation or jacketing, checking for corroded areas, dents, distortions, defects in welds, defects in piping, and any other condition, including leakage, that indicates weakness in the tank that might render it unsafe for transportation.	Barrel	☐	☐	☐	☑
	Attachments	☐	☐	☐	☑
	Piping	☐	☐	☐	☑
	Flexible Couplings	☐	☐	☐	☑
	Pump Bearings	☑	☐	☐	☐
7.2.1.1(b) Ensuring that devices for tightening manhole covers are operative and that the covers are leaktight.	Clamping Ring	☐	☐	☐	☑
	Attachments	☐	☐	☐	☑
	Coagulation	☐	☐	☐	☑
7.2.1.1(c) Ensuring proper functioning of all valves, vents, emergency devices, excess-flow valves, remote closure devices, ensuring that they are free of corrosion, distortion, or any other damage that would prevent their normal operation.	Vapour Vent Operation	☐	☐	☐	☑
	Emergency Valve	☐	☐	☐	☑
	Piping Valves	☐	☐	☐	☑
	Remote Closure Device	☐	☐	☐	☑
	Manifold Valves	☑	☐	☐	☐
7.2.1.1(d) Ensuring that all bolts or nuts on any flanged connection or blank flange are in place and properly tightened.	Manifold Flanges	☑	☐	☐	☐
	Pump & Meter Flanges	☑	☐	☐	☐
	Piping Flanges	☐	☐	☐	☑

Items Inspected		N/A	Repairs Required	Corrected	Complies
7.2.1.1(f) Ensuring that all 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.	Reach Assembly	☑	☐	☐	☐
	Turn Table & Ring	☑	☐	☐	☐
	Dolley Frame	☑	☐	☐	☐
	Upper Fifth Wheel Plate	☐	☐	☐	☑
	Fifth Wheel Plate	☑	☐	☐	☐
	Sub Frame	☐	☐	☐	☑
	Truck Apron & Pintle	☑	☐	☐	☐
	Cabinets & Fenders	☐	☐	☐	☑
	PTO Shaft Assy	☑	☐	☐	☐
7.2.1.2 For multi-compartment vehicles, the drain shall be uncapped or unplugged. If there is no evidence of leakage from the drain or void space, the external inspection for the tank wall in that void space shall be deemed to be satisfied.	Unplugged/Uncapped	☑	☐	☐	☐
	Coagulation	☑	☐	☐	☐
	Damage	☑	☐	☐	☐
7.2.1.4 (a) All reclosing pressure-relief devices shall be externally inspected for any corrosion or damage that could prevent their safe operation.	Hinge & Dome Assy.	☐	☐	☐	☑
	PPV Inspection	☐	☐	☐	☑
	Vacuum Vent Insp.	☑	☐	☐	☐
7.2.1.1(g) Ensuring that hose assemblies mounted on or accompanying the tank do not display any defects listed in clause 7.2.10.4 and have legible markings meeting the requirements of clause 7.2.10.6 and where applicable,	Condition	☐	☐	☐	☑
	Couplings	☐	☐	☐	☑
	Markings	☐	☐	☐	☑
	Inspection Current	☐	☐	☐	☑
B621-20					
7.1 (h) Brake Interlock	Present & Operational	☑	☐	☐	☐
7.1 (h) Wheel Chocks	Present	☐	☐	☐	☑
7.1 (i) Fire Extinguishers	Compliant	☐	☐	☐	☑
7.1 (j) Automatic Engine Air Intake Shut-off Device	Present	☑	☐	☐	☐

Clause	List Defects: Location, Nature, Severity and Describe Repair		No Defects Found ☑
	Location:		**Initial**
	Reason:		**Repaired**
	Repair:		

	Location:		**Initial**
	Reason:		**Repaired**
	Repair:		

	Location:		**Initial**
	Reason:		**Repaired**
	Repair:		

	Location:		**Initial**
	Reason:		**Repaired**
	Repair:		

	Location:		**Initial**
	Reason:		**Repaired**
	Repair:		

Clause	List Defects: Location, Nature, Severity and Describe Repair		
	Location:		Initial
	Reason:		Repaired
	Repair:		

	Location:		Initial
	Reason:		Repaired
	Repair:		

	Location:		Initial
	Reason:		Repaired
	Repair:		

	Location:		Initial
	Reason:		Repaired
	Repair:		

	Location:		Initial
	Reason:		Repaired
	Repair:		

	Location:		Initial
	Reason:		Repaired
	Repair:		

	Location:		Initial
	Reason:		Repaired
	Repair:		

	Location:		Initial
	Reason:		Repaired
	Repair:		

Tank Disposition	Compliant and Returned to Service ☑	Non-compliant, Repairs to Complete ☐	Non-compliant, Removed from Service ☐
Name of Inspector:	Donald Abramson	Inspector Signature:	

This External Visual Inspection meets the requirements of the CSA B620-20 and CSA B621-20

ALLWELD MFG	TC Reg. No. 25-0704	**Leakage Test**
	Work Order No.	R001127
1840 Kryczka Pl.	Client Name	G & B Fuels Incorporated
Kamloops, BC	Client Ph. Number	403-273-5111
V1S 1S4	Date	04-15-2025

Address:	189 Cove Rd	Unit Number:	245B
	Chestermere, AB	License Plate Number:	N/A
	T1X 1E5	Tank Manufacturer:	Advance
Tank VIN Num.:	2AEARPAE8BR000226	Tank Assembler:	Advance
Truck VIN Num.:	N/A	Tank Specification:	TC 406
TCRN:	N/A	MDIN:	8589

	Top	Sides	Bottom
Min. Shell Thickness:	4.39	4.39	5.97
Min. Head Thickness:	5.97		

Tank Lined:	No
Tank Insulated:	No
Special Service (Corrosive Etc.)	No

				Month	Year	Configuration
MAWP:	22.7	kPa	Cert Date:	5	2011	B Train Pup
Test Pressure:	34.5	kPa	Mfg Date:	5	2011	
Design Pressure	N/A	PSI				

	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Total
Volumetric Capacity In Litres	6500	5000	18500	N/A	N/A	N/A	30000

Items Inspected		N/A	Repairs Required	Corrected	Complies
7.2.5.1 (a) Any venting devices set to relieve at less than the test pressure shall be removed or rendered inoperative.	PPVs removed	☐	☐	☐	☑
7.2.5.1 (b) Product piping and all associated valves and accessories shall be in place and operative.	Compliant	☐	☐	☐	☑

7.2.5.1 (c) Each valve and closure shall be tested in sequence.

(e) One of the following shall be used as the test medium:(i) the normal lading of the tank; (iii) water; (v) air; or (vi) vacuum.

(f) When air is used as the test medium, (i) a soapy water mixture shall be used to locate leaks

(h) The pressure shall be not less than 80% of the tank design pressure or MAWP, whichever is less

(i) The test pressure shall be maintained for at least 5 min.

Test Medium :	Air/Soap	**Test Pressure:**	3.3 psi	**Test Hold Time 5 Minutes:**		☑
Test Results:	**Comp. 1**	**Comp. 2**	**Comp. 3**	**Comp. 4**	**Comp. 5**	**Comp. 6**
Compartment	☑	☑	☑	☐	☐	☐
Piping/Manifold	☑	☑	☑	☐	☐	☐

		N/A	Repairs Required	Corrected	Complies
7.2.5.1 The leakage test shall ensure that the tank closures, piping, valves and gaskets are in good condition and do not leak within the piping or to the exterior.	Compliant	☐	☐	☐	☑

Clause	List Defects: Location, Nature, Severity and Describe Repair		No Defects Found ☑
	Location:		Initial
	Reason:		Repaired
	Repair:		

	Location:		Initial
	Reason:		Repaired
	Repair:		

	Location:		Initial
	Reason:		Repaired
	Repair:		

	Location:		Initial
	Reason:		Repaired
	Repair:		

	Location:		Initial
	Reason:		Repaired
	Repair:		

	Location:		Initial
	Reason:		Repaired
	Repair:		

Tank Disposition	Compliant and Returned to Service ☑	Non-compliant, Repairs to Complete ☐	Non-compliant, Removed from Service ☐

Name of Tester:	Donald Abramson	Tester Signature:	

This Leakage Test meets the requirements of the CSA B620-20

ALLWELD MFG
1840 Kryczka Place, Kamloops, B.C., Canada, V1S 1S4
Telephone (250) 372-2725 Telefax (250) 372-8127

Customer: G & B Fuels	Unit: 245B	Date: Apr 15/25

METHOD 27 – Determination of vapor tightness of Gasoline delivery tank using pressure vacuum test CAN/CGSB-3.1000-2019-7.2 Vapour control systems in gasoline distribution networks

1. Ground tank.
2. Pail check to ensure tank is empty.

Pressure Decay Test

The purpose of this test is to verify that both the compartments and VR system have minimal leaks to atmosphere.

1. Open all emergency valve switches to allow air to equalize between compartments.
2. Connect test cap & Manometer to vapor return valve.
3. Visually inspect manhole lids and pressure devices for deficiencies.
4. Perform a sensor "wet test" on each compartment.
5. Through test cap pressurize compartments to a minimum of 18" H2O.
6. Let air pressure stabilize in compartments, close test cap isolation valve, record measurement & begin the pressure test. Record the pressure decay after 5-minutes duration.
7. Perform a second pressure decay test recording both initial & final pressures.
8. Continue performing these tests until two consecutive final pressure tests are within 0.5" H2O.
9. Take an average of the two tests & refer to chart to determine if allowable decay has been met.
10. If the pressure decay test passes continue to the internal vapor test.
11. If pressure decay is more than the allowable limits, make necessary repairs and perform two more consecutive pressure decay tests. Continue this process until unit passes.

Capacity in Litres	Capacity in U.S. Gal.	Initial Pressure (H2O)	Final Pressure (H2O)	Pressure Decay (H2O)	Pass/Fail
30000		18	17.5	.5	Pass
		18	17.5	.5	Pass

Capacity in Litres	Capacity (Gal.)	Max. Decay (H2O)
>9459	>2499	1.0"
5676 to 9458	1500 to 2499	1.5"
3785 to 5675	1499 to 1000	2.0"

Internal Vapor Valve Test

The purpose of this test is to verify that the vapour vents have minimal leaks under pressure.

1. With compartments charged to a minimum of 18" H2O, close emergency valve switches.
2. Bleed air from vapor return valve to return to atmospheric pressure using test cap isolation valve.

ALLWELD MFG
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3. With testing apparatus still connected to vapor return valve, close testing apparatus isolation valve to isolate vapor recovery system from tank compartments. After a 5-minute duration record pressure build up.
4. Passing criterial will be maximum 5" H2O.
5. If the internal vapor valve test passes continue to the vacuum test.
6. If the Internal vapor valve test pressure is more than the allowable limit, make necessary repairs and perform the test again. Continue this process until unit passes.

Initial Vapor Recovery System Pressure (H2O)	Final Vapor Recovery System Pressure (H2O)	Pressure Decay (H2O)	Pass/Fail
0" H2O	0	0	Pass

Vacuum Test

The purpose of this test is to verify that the vapour vents have minimal leaks under vacuum..

1. Open vapor return valve to atmosphere using the test cap isolation valve.
2. Open all emergency valve switches to allow air in compartments to bleed off through vapor recovery to atmospheric pressure.
3. Connect vacuum pump to test cap apparatus.
4. Initialize pump and pull a vacuum of 6" H2O.
5. Let vacuum stabilize in compartments, close isolation valve on test cap, record measurement & begin the vacuum test. Record the pressure increase in the vapor recovery system if any after a 5-minute duration.
6. Perform a second vacuum test recording both initial & final pressures.
7. Continue performing these tests until two consecutive final vacuum tests are within 0.5" H2O.
8. Take an average of the two tests & refer to the chart on page 1 to determine if allowable vacuum decay has been met.
9. If vacuum test is more than the allowable limits, make necessary repairs and perform two more consecutive vacuum tests. Continue this process until unit passes.

Capacity in Litres	Capacity in U.S. Gal.	Initial Vacuum (H2O)	Final Vacuum (H2O)	Vacuum Decay (H2O)	Pass/Fail
30000		6	5.75	.25	Pass
		6	5.75	.25	Pass

Repairs required To Pass Inspection:

This unit has passed all the requirements as outlined under EPA Method 27		
Inspector: Donald Abramson	Signature:	Date: Apr 16/25

ALLWELD MFG	TC Reg. No. 25-0704	**Hose Assembly Inspection and Testing**
	Work Order No.	R001127
1840 Kryczka Pl.	Client Name	G & B Fuels Incorporated
Kamloops, BC	Client Ph. Number	403-273-5111
V1S 1S4	Date	04-15-2025

Address:	189 Cove Rd	Unit Number:	245B
	Chestermere, AB	License Plate Number:	N/A
	T1X 1E5	Tank Manufacturer:	Advance
Tank VIN Num.:	2AEARPAE8BR000226	Tank Assembler:	Advance
Truck VIN Num.:	N/A	Tank Specification:	TC 406
TCRN:	N/A	MDIN:	8589

	Top	Sides	Bottom
Min. Shell Thickness:	4.39	4.39	5.97
Min. Head Thickness:	5.97		

Tank Lined:	No
Tank Insulated:	No
Special Service (Corrosive Etc.)	No

				Month	Year	Configuration
MAWP:	22.7	kPa	Cert Date:	5	2011	B Train Pup
Test Pressure:	34.5	kPa	Mfg Date:	5	2011	
Design Pressure	N/A	PSI				

	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Total
Volumetric Capacity In Litres	6500	5000	18500	N/A	N/A	N/A	30000

Items Inspected	N/A	Repairs Required	Corrected	Complies
7.2.10.4 Hose assemblies shall be inspected annually for				
(a) damage to the hose cover that exposes the reinforcement;	☐	☐	☐	☑
(b) kinked, flattened or permanently deformed wire braid;	☐	☐	☐	☑
(c) soft spots when not under pressure, bulging under pressure or loose outer covering;	☐	☐	☐	☑
(d) damaged, slipping or excessively worn hose couplings;	☐	☐	☐	☑
(e) loose or missing bolts or fastenings on bolted hose coupling assy's	☑	☐	☐	☐
(f) deteriorated legibility or absence of the serial or identification number and HAWP	☐	☐	☐	☑
7.2.10.5 (a) A hose assembly having any damage identified 7.2.10.4 shall be taken out of service and not pressure tested until repaired				
7.2.10.5 (b) The test pressure shall be **(i)** for CSA-certified hose assemblies, not less than 350 psi **(ii)** for gravity off-load hose assemblies (drop hoses), not less than 10 psi **(iii)** for vapour recovery hose assemblies, not less than 10 psi **(vi)** for all other hose assemblies, the greater of 120% of the marked HAWP of the hose assembly and 75 psi				

Hose Serial Number	Hose Model Number	HAWP	Test Pressure	Test Medium
245B-1	NL3034-300	115	140	Water
245B-2	NL3325-300	100	120	Water

Items Inspected	N/A	Repairs Required	Corrected	Complies
7.2.10.5 (f) 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.	☐	☐	☐	☑

Attention!

All hose assemblies have been tested for electrical continuity. As there is no failing criteria at this time, it is NOT recommended to use a hose assembly for gasoline transfer, dispensing, or fueling applications when reading is greater than 100 ohms.

Hose Serial Number	Continuity (ohms)
245B-1	<
245B-2	<
0	
0	
0	
0	
0	
0	

Clause	List Defects: Location, Nature, Severity and Describe Repair	No Defects Found ☑

Hose Disposition	Compliant and Returned to Service ☑	Non-compliant, Repairs to Complete ☐	Non-compliant, Removed from Service ☐

Name of Tester:	Kyle Thomas	Tester Signature:	

This hose test and inspection meets the requirements of the CSA B620-20