EM23-37 LEAD

ALLWELD	TC Reg. No. 25-0704	External Visual Inspection Report
1840 Kryczka Pl.	Work Order No.	R000784
Kamloops, BC	Client Name	G & B Fuels Inc
V1S 1S4	Client Ph. Number	403-273-5111
	Date	09-26-2024

Address:	189 Cove Rd.	Unit Number:	233A
	Chestermere Rd	License Plate Number:	
	T1X 0B9	Tank Manufacturer:	Advance
Tank VIN Num.:	2AEABSAH57R000256	Tank Assembler:	Advance
Truck VIN Num.:	N/A	Tank Specification:	406
TCRN:	N/A	MDIN:	N/A

	Top	Sides	Bottom		
Min. Shell Thickness:	0.173	0.173	0.235	Tank Lined:	No
Min. Head Thickness:	0.235			Tank Insulated:	No
				Special Service (Corrosive Etc.)	No

				Month	Year	Configuration
MAWP:	3.3	PSI	Cert Date:	4	2007	B Train Lead
Test Pressure:	5	PSI	Mfg Date:	4	2007	
Design Pressure	N/A	PSI				

	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Total
Volumetric Capacity In USG	4887	1321	3170	N/A	N/A	N/A	9378

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 ☐
7.2.1.1(C.)	**Location:**	Front pump off butterfly gaskets.	**Initial**
	Reason:	Coagulation	**Repaired**
	Repair:	Replace gaskets	DB
7.2.1.1(d.)	**Location:**	Rear pump off flange gaskets	**Initial**
	Reason:	Coagulation	**Repaired**
	Repair:	Replace gaskets	DB
7.2.1.1(a.)	**Location:**	# 2 & 3 vics at internals	**Initial**
	Reason:	Signs of leaking	**Repaired**
	Repair:	Replace victualics	DB
7.2.1.1(c.)	**Location:**	Clean & re torque all internals	**Initial**
	Reason:	Coagulation	**Repaired**
	Repair:	Retorque	DB
	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:	Kyle Thomas	Inspector Signature:	

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

ALLWELD	TC Reg. No. 25-0704	**Leakage Test**
	Work Order No.	R000784
1840 Kryczka Pl.	Client Name	G & B Fuels Inc
Kamloops, BC	Client Ph. Number	403-273-5111
V1S 1S4	Date	09-26-2024

Address:	189 Cove Rd.	Unit Number:	233A
	Chestermere Rd	License Plate Number:	0
	T1X 0B9	Tank Manufacturer:	Advance
Tank VIN Num.:	2AEABSAH57R000256	Tank Assembler:	Advance
Truck VIN Num.:	N/A	Tank Specification:	406
TCRN:	N/A	MDIN:	N/A

	Top	Sides	Bottom
Min. Shell Thickness:	0.173	0.173	0.235
Min. Head Thickness:	0.235		

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

				Month	Year	Configuration
MAWP:	3.3	PSI	Cert Date:	4	2007	B Train Lead
Test Pressure:	5	PSI	Mfg Date:	4	2007	
Design Pressure	N/A	PSI				

	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Total
Volumetric Capacity In USG	4887	1321	3170	N/A	N/A	N/A	9378

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 ☐
7.2.5.1	Location:	#2 lid	Initial
	Reason:	Opened at 1.4 PSI	Repaired
	Repair:	Had to adjust	KT
	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:	Kyle Thomas	Tester Signature:	

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

CSA B620 INSPECTION REPORT

Internal Inspection	Fail	Corrected	Pass	N/A	Defects: Location, Natu Severity. Describe Natu of Repair
Inspection of interior of tank shell and heads and baffles for cracks, corroded areas, dents, distortion, defects in welds, defects in piping, and any other condition, including leakage, that might render the tank unsafe for transportation service.	☒	☒	☒	☐	Please see repair report
Thickness testing of corroded or abraded areas of the interior tank wall. Completed a thickness test form separately and in addition to this form.	☐	☐	☐	☒	
Performance of lining inspection for tanks that are lined. Completed a lining inspection form separately and in addition to this form.	☐	☐	☐	☒	
Tank markings were applied as per CSA B620.	☐	☐	☒	☐	

Tank Disposition: ☒ Pass Return to Service ☐ Fail Remove from Service

David Allworthy
Name of Tank Inspector

Signature of Tank Inspector

Date of Internal Visual Inspection | 21 | Sept | 2023 |

This Internal Visual Inspection is conducted in accordance with and meets the requirements of CSA B620.

CSA B620 INSPECTION REPORT

Pressure Test	Fail	Corrected	Pass	N/A	Defects: Location, Natur Severity. Describe Natur of Repair
Tank heating system pressure tested at 1.5 X the heating system MAWP, and pressure maintained for 5 minutes when isolated from the source. Test Pressure: _____ Test Hold Time: _____ Test Medium:	☐	☐	☐	☒	
Refrigerating or heating coils for carbon dioxide or nitrous oxide were tested: Externally to the same test pressure as the tank Internally to twice the working pressure of the heating or refrigeration system, or the test pressure of the tank, whichever is greater. Test Pressure: EXT_____INT_____ Test Hold Time: EXT_____INT_____ Test Medium: EXT_____INT	☐	☐	☐	☒	
All reclosing pressure relief devices have been: ☐ Replaced, OR, ☐ Bench tested, as below:	☐	☐	☒	☐	
PRV1 Type: 406 Style PAF PRV1 STD Press. Opened at: 3.61 PSI PRV1 STD Press. Reseat at: 3.61 PSI	☐	☐	☒	☐	
PRV2 Type: 406 Style PAF PRV2 STD Press. Opened at 3.61 PSI PRV2 STD Press. Reseat at: 3.61 PSI	☐	☐	☒	☐	
PRV3 Type: 4066 Style PAF PRV3 STD Press. Opened at: 3.61 PSI PRV3 STD Press. Reseat at: 3.61 PSI	☐	☐	☒	☐	
All piping and accessories pressure tested at not less than 80% of tank MAWP. When isolated from the pressure supply, pressure was retained for at least 10 minutes and a visual examination of all external surfaces reveals no defects, leakage or deformation. Test Pressure Used: 5 PSI Test Hold Time: 10 mins Test Medium Used: Water	☐	☐	☒	☐	
Tank pressure tested at pressure set out for the tank specification in CSA B620. When isolated from the pressure supply, pressure was retained for at least 10 minutes and, if hydrostatic testing, a visual examination of all external surfaces reveals no defects, leakage or deformation. For pneumatic testing the system was checked for leaks while maintaining a safe standoff distance from the tank. (the leak test solution application to follow.) Test Pressure Used: 5 PSI Test Hold Time: 10 Mins Test Medium Used: Water	☐	☐	☒	☐	
For pneumatic testing, with test pressure reduced to MAWP, tank was inspected for leaks by coating all joints under pressure with leak test solution. Leak Test Solution Used:	☐	☐	☐	☒	
Maximum test pressure for tanks with design pressure or MAWP of 25 PSIG or less did not exceed the test pressure in CSA B620 by more than ½ PSI during the test.	☐	☐	☒	☐	
Maximum test pressure for tanks with design pressure or MAWP greater than 25 PSIG did not exceed the test pressure in CSA B620 by more than 2% during the test.	☐	☐	☐	☒	
Tank markings were applied as per CSA B620.	☐	☐	☒	☐	

Tank Disposition: ☒ Pass Return to Service ☐ Fail Remove from Service

David Allworthy
Name of Pressure Tester

Signature of Pressure Tester

Date of Pressure Test: 21 | Sept | 2023

This pressure test is conducted in accordance with and meets the requirements of CSA B620.

CSA B620 INSPECTION REPORT

Upper Coupler Inspection	Fail	Corrected	Pass	N/A	Defects: Location, Nature, Severity. Describe Nature of Repair
Upper coupler or turntable assembly has been removed and all areas normally hidden have been inspected for corroded or abraded areas, cracks, dents, distortions, defects in welds, and any other condition that might render the tank unsafe for transportation.	☒	☒	☒	☐	Please see repair report
Tank markings were applied as per CSA B620.	☐	☐	☒	☐	

Tank Disposition: ☒ Pass Return to Service ☐ Fail Remove from Service

David Allworthy

Name of Upper Coupler Area Inspector

Signature of Upper Coupler Area Inspector

Date of upper coupler area Inspection	21	Sept	2023

This upper coupler area inspection is conducted in accordance with and meets the requirements of CSA B620.

ALLWELD MFG.	TC Reg. No. 25-0704	**Hose Assembly Inspection and Testing**
1840 Kryczka Pl.	Work Order No.	R000784
Kamloops, BC	Client Name	G & B Fuels Inc
V1S 1S4	Client Ph. Number	403-273-5111
	Date	09-26-2024

Address:	189 Cove Rd.	Unit Number:	233A
	Chestermere Rd	License Plate Number:	0
	T1X 0B9	Tank Manufacturer:	Advance
Tank VIN Num.:	2AEABSAH57R000256	Tank Assembler:	Advance
Truck VIN Num.:	N/A	Tank Specification:	406
TCRN:	N/A	MDIN:	N/A

	Top	Sides	Bottom
Min. Shell Thickness:	0.173	0.173	0.235
Min. Head Thickness:	0.235		

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

					Month	Year	Configuration
MAWP:	3.3	PSI		Cert Date:	4	2007	B Train Lead
Test Pressure:	5	PSI		Mfg Date:	4	2007	
Design Pressure	N/A	PSI					

	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Total
Volumetric Capacity In USG	4887	1321	3170	N/A	N/A	N/A	9378

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
233A-1	NL3327-300	200	240	Water
233A-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)
233A-1	<
233A-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

EM23-38
Pup

ALLWELD	TC Reg. No. 25-0704	External Visual Inspection Report
	Work Order No.	R000785
1840 Kryczka Pl.	Client Name	G & B Fuels Inc
Kamloops, BC	Client Ph. Number	403-273-5111
V1S 1S4	Date	09-26-2024

Address:	189 Cove Rd.	Unit Number:	233B
	Chestermere Rd	License Plate Number:	
	T1X 0B9	Tank Manufacturer:	Advance
Tank VIN Num.:	2AEARPAE07R000258	Tank Assembler:	Advance
Truck VIN Num.:	N/A	Tank Specification:	406
TCRN:	N/A	MDIN:	N/A

	Top	Sides	Bottom
Min. Shell Thickness:	0.173	0.173	0.235
Min. Head Thickness:	0.235		

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

MAWP:	3.3	PSI		Month	Year	Configuration
Test Pressure:	5	PSI	Cert Date:	4	2007	B Train Pup
Design Pressure	N/A	PSI	Mfg Date:	4	2007	

Volumetric Capacity In USG	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Total
	1717	1321	4887	N/A	N/A	N/A	7925

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 ☐
7.2.1.1(a.)	Location:	#1 & 2 vics at internals	Initial
	Reason:	Coagulation	Repaired
	Repair:	Replace victaulics	DB
	Location:		Initial
	Reason:		Repaired
	Repair:		
	Location:		Initial
	Reason:		Repaired
	Repair:		
	Location:		Initial
	Reason:		Repaired
	Repair:		
	Location:		Initial
	Reason:		Repaired
	Repair:		

ALLWELD	TC Reg. No. 25-0704	**Leakage Test**
	Work Order No.	R000785
1840 Kryczka Pl.	Client Name	G & B Fuels Inc
Kamloops, BC	Client Ph. Number	403-273-5111
V1S 1S4	Date	09-26-2024

Address:	189 Cove Rd.	Unit Number:	233B
	Chestermere Rd	License Plate Number:	0
	T1X 0B9	Tank Manufacturer:	Advance
Tank VIN Num.:	2AEARPAE07R000258	Tank Assembler:	Advance
Truck VIN Num.:	N/A	Tank Specification:	406
TCRN:	N/A	MDIN:	N/A

	Top	Sides	Bottom
Min. Shell Thickness:	0.173	0.173	0.235
Min. Head Thickness:	0.235		

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

				Month	Year	Configuration
MAWP:	3.3	PSI	Cert Date:	4	2007	B Train Pup
Test Pressure:	5	PSI	Mfg Date:	4	2007	
Design Pressure	N/A	PSI				

	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Total
Volumetric Capacity In USG	1717	1321	4887	N/A	N/A	N/A	7925

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	☑	☑	☑	☐	☐	☐

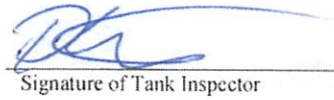
		N/A	Repairs Required	Corrected	Complies
7.2.5.1 The leakage test shall ensure that the tank closures, piping, valves and gaskets are in good condition and do not leak within the piping or to the exterior.	Compliant	☐	☐	☐	☑

CSA B620 INSPECTION REPORT

Internal Inspection	Fail	Corrected	Pass	N/A	Defects: Location, Nature, Severity. Describe Nature of Repair
Inspection of interior of tank shell and heads and baffles for cracks, corroded areas, dents, distortion, defects in welds, defects in piping, and any other condition, including leakage, that might render the tank unsafe for transportation service.	☒	☒	☒	☐	Please see repair report
Thickness testing of corroded or abraded areas of the interior tank wall. Completed a thickness test form separately and in addition to this form.	☐	☐	☐	☒	
Performance of lining inspection for tanks that are lined. Completed a lining inspection form separately and in addition to this form.	☐	☐	☐	☒	
Tank markings were applied as per CSA B620.	☐	☐	☒	☐	

Tank Disposition: ☒ Pass Return to Service ☐ Fail Remove from Service

David Allworthy
Name of Tank Inspector


Signature of Tank Inspector

Date of Internal Visual Inspection | 21 | Sept | 2023 |

This Internal Visual Inspection is conducted in accordance with and meets the requirements of CSA B620.

CSA B620 INSPECTION REPORT

Pressure Test	Fail	Corrected	Pass	N/A	Defects: Location, Nature, Severity. Describe Nature of Repair
Tank heating system pressure tested at 1.5 X the heating system MAWP, and pressure maintained for 5 minutes when isolated from the source. Test Pressure: _____ Test Hold Time: _____ Test Medium: _____	☐	☐	☐	☒	
Refrigerating or heating coils for carbon dioxide or nitrous oxide were tested: Externally to the same test pressure as the tank Internally to twice the working pressure of the heating or refrigeration system, or the test pressure of the tank, whichever is greater. Test Pressure: EXT_____ INT_____ Test Hold Time: EXT_____ INT_____ Test Medium: EXT_____ INT_____	☐	☐	☐	☒	
All reclosing pressure relief devices have been: ☐ Replaced, OR, ☐ Bench tested, as below:	☐	☐	☒	☐	
PRV1 Type: 406 Style PAF PRV1 STD Press. Opened at: 3.61 PSI PRV1 STD Press. Reseat at: 3.61 PSI	☐	☐	☒	☐	
PRV2 Type: 406 Style PAF PRV2 STD Press. Opened at 3.61 PSI PRV2 STD Press. Reseat at: 3.61 PSI	☐	☐	☒	☐	
PRV3 Type: 4066 Style PAF PRV3 STD Press. Opened at: 3.61 PSI PRV3 STD Press. Reseat at: 3.61 PSI	☐	☐	☒	☐	
All piping and accessories pressure tested at not less than 80% of tank MAWP. When isolated from the pressure supply, pressure was retained for at least 10 minutes and a visual examination of all external surfaces reveals no defects, leakage or deformation. Test Pressure Used: 5 PSI Test Hold Time: 10 mins Test Medium Used: Water	☐	☐	☒	☐	
Tank pressure tested at pressure set out for the tank specification in CSA B620. When isolated from the pressure supply, pressure was retained for at least 10 minutes and, if hydrostatic testing, a visual examination of all external surfaces reveals no defects, leakage or deformation. For pneumatic testing the system was checked for leaks while maintaining a safe standoff distance from the tank. (the leak test solution application to follow.) Test Pressure Used: 5 PSI Test Hold Time: 10 Mins Test Medium Used: Water	☐	☐	☒	☐	
For pneumatic testing, with test pressure reduced to MAWP, tank was inspected for leaks by coating all joints under pressure with leak test solution. Leak Test Solution Used:	☐	☐	☐	☒	
Maximum test pressure for tanks with design pressure or MAWP of 25 PSIG or less did not exceed the test pressure in CSA B620 by more than ½ PSI during the test.	☐	☐	☒	☐	
Maximum test pressure for tanks with design pressure or MAWP greater than 25 PSIG did not exceed the test pressure in CSA B620 by more than 2% during the test.	☐	☐	☐	☒	
Tank markings were applied as per CSA B620.	☐	☐	☒	☐	

Tank Disposition: ☒ Pass Return to Service ☐ Fail Remove from Service

David Allworthy
Name of Pressure Tester

Signature of Pressure Tester

Date of Pressure Test: 21 | Sept | 2023

This pressure test is conducted in accordance with and meets the requirements of CSA B620.

CSA B620 INSPECTION REPORT

Upper Coupler Inspection	Fail	Corrected	Pass	N/A	Defects: Location, Nature, Severity. Describe Nature of Repair
Upper coupler or turntable assembly has been removed and all areas normally hidden have been inspected for corroded or abraded areas, cracks, dents, distortions, defects in welds, and any other condition that might render the tank unsafe for transportation.	☒	☒	☒	☐	Please see repair report
Tank markings were applied as per CSA B620.	☐	☐	☒	☐	

Tank Disposition: ☒ Pass Return to Service ☐ Fail Remove from Service

David Allworthy

Name of Upper Coupler Area Inspector

Signature of Upper Coupler Area Inspector

Date of upper coupler area Inspection	21	Sept	2023

This upper coupler area inspection is conducted in accordance with and meets the requirements of CSA B620.

ALLWELD	TC Reg. No. 25-0704	**Hose Assembly Inspection and Testing**
	Work Order No.	R000785
1840 Kryczka Pl.	Client Name	G & B Fuels Inc
Kamloops, BC	Client Ph. Number	403-273-5111
V1S 1S4	Date	09-26-2024

Address:	189 Cove Rd.	Unit Number:	233B
	Chestermere Rd	License Plate Number:	0
	T1X 0B9	Tank Manufacturer:	Advance
Tank VIN Num.:	2AEARPAE07R000258	Tank Assembler:	Advance
Truck VIN Num.:	N/A	Tank Specification:	406
TCRN:	N/A	MDIN:	N/A

	Top	Sides	Bottom
Min. Shell Thickness:	0.173	0.173	0.235
Min. Head Thickness:	0.235		

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

MAWP:	3.3	PSI		Month	Year	Configuration
Test Pressure:	5	PSI	Cert Date:	4	2007	B Train Pup
Design Pressure	N/A	PSI	Mfg Date:	4	2007	

	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Total
Volumetric Capacity In USG	1717	1321	4887	N/A	N/A	N/A	7925

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
233B-1	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)
233B-1	<
0	
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