

TANKER TEST AND INSPECTION REPORT

For compliance with 49 CFR 180.407(h)(4), 180.417(b) & (c), and 40 CFR 60.505(b)

OWNER	CARRIER (if other than owner)		2018-10	18874
PRINCIPAL PLACE OF BUSINESS ADDRESS				
CITY, STATE, ZIP CODE		TELEPHONE	TELEPHONE	
OWNER'S TANK SERIAL NO.	MFG. DATE	VESSEL MATERIAL SPEC. NO.		
CARGO TANK MOTOR VEHICLE MFG.		2018-10		
CARGO TANK MOTOR VEHICLE CERT. DATE		2018-10		
TREM CAR		TREM CAR		
MAX. WEIGHT OF LADING	LINING MATERIALS	2018-10	MANUFACTURER'S TANK SERIAL NO.	
60500	N/A	407	2TLSL4320KB000669	
LBS.	DESIGN PRESSURE (PSIG)	75	FLUID CAPACITY (GALLS.)	ASME CODE SYMBOL
HEATING SYSTEM	DESIGN TEMPERATURE (°F)	250	7077 USG	
MATERIAL				
SHELL SA240-316/316L	HEAD SA240-316/316L	DESIGN TEMPERATURE	2018-10	MAXIMUM ALLOWABLE WORKING PRESSURE
EXPOSED SURFACE AREA IN SQ. FT.	MAX. DESIGN DENSITY OF LADING (LBS. PER GAL.)	°F	-20 TO °F	PSIG
722	16.00		250	25
TANK				
<input type="checkbox"/> LINED <input checked="" type="checkbox"/> INSULATED <input type="checkbox"/> SPECIAL SERVICE <input type="checkbox"/> MATERIAL CORROSIVE TO TANK <input type="checkbox"/> DEDICATED SERVICE <input type="checkbox"/> OTHER				

ITEMS INSPECTED OR TESTED		ITEMS INSPECTED OR TESTED		K-EPA27	
YES	NO	ITEM	ITEM	TEST	AVERAGE RESULTS
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tank Shell	Frangible (Rupture) Disk	TIME	MEASURE
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tank Heads	Major Appurtenances	START	END
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Head-to-Shell Seam	- upper coupler assembly	START	END
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Valves	- suspension system attachments	START	END
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Gaskets	- connecting structures	START	END
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Manhole Covers	Lining Material	START	END
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Manhole Gaskets	Pressure Bearing Portions of Heating System	START	END
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Devices for Tightening	Flues for Heating System	START	END
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Manhole Gaskets on Full Opening Rear Head	Corroded or Abraded Areas	START	END
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Self-closing Stop-valves	Distortions	START	END
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Excess Flow Valves	Dents	START	END
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Remote Closure Devices	Welds	START	END
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Reclosing Pressure Relief Valves		START	END
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Nuts and Bolts		START	END
DELIVERY HOSE/PIPING HOSE I.D. NO. <u>N/A</u> DATE OF ORIG. HOSE ASSEMBLY TEST _____ CONDITION OF HOSE ASSEMBLY & PIPING SYSTEM _____					
THICKNESS (INCHES) HEAD <u>0.1400</u> MFG. <u>0-131</u> SHELL TOP <u>0.1290</u> <u>0-132</u> SHELL SIDE <u>0.1290</u> <u>0-132</u> SHELL BOTTOM <u>0.1290</u> <u>0-132</u>					
UPPER COUPLER ASSEMBLY <input checked="" type="checkbox"/> EXAMINED IN PLACE NEW <input type="checkbox"/> REMOVED FOR EXAMINATION					
LEAKAGE TEST PRESSURE TEST FLUID USED <u>WATER</u> PRESSURE <u>25</u> <u>45</u> HOLDING TIME <u>5 min</u> <u>10 min</u>					

(CHECK ONE) NO DEFECT OR DAMAGE DISCOVERED DEFECTS OR DAMAGE DISCOVERED

LOCATION OF DEFECTS OR DAMAGE: weld heat-affected zone liquid phase vapor phase head-to-shell seam delivery hose/piping appurtenances

Explain: NONE -- NEW CARGO TANK

NATURE AND SEVERITY: _____

METHOD OF REPAIRS: _____

IS REPAIR CERTIFICATION REQUIRED? YES NO DESIGN CERTIFYING ENGINEER REGISTRATION NO. _____

THIS UNIT HAS HAULED

ANHYDROUS AMMONIA (CERTIFIED AS 0.2% WATER BY WEIGHT)
 LIQUEFIED PETROLEUM GAS

STRESS RELIEVED AFTER FABRICATION YES NO

DOT REGISTRATION NUMBER OF THE TESTING FACILITY/PERSON TEST DATE

2018-10

STRESS RELIEVED AFTER REPAIR YES (Full Local) NO

ASME OR NATIONAL BOARD NO. OF REPAIR FACILITY

TESTED BY (Person's Name) RUSSELL LIONEL

ADDRESS 790 MONTRICHARD AVE.

CITY, STATE, ZIP ST-JEAN-SUR-RICHELIEU, QC, CANADA, J2X 5G4

CARGO TANK: MEETS FAILS TO MEET THE REQUIREMENTS OF THE DOT SPECIFICATIONS IDENTIFIED ON THIS REPORT

DISPOSITION OF CARGO TANK: WITHDRAWN FROM SERVICE RETURNED TO SERVICE MARKINGS APPLIED: YES NO

SIGNATURE OF INSPECTOR/TESTER [Signature] DOT REGISTRATION NUMBER CT-5931 DATE 2018-10 SIGNATURE OF OWNER _____ DATE _____

SIRV-136

4787-SSJ

TANKER TEST AND INSPECTION REPORT

INSPECTION TEST DATE

SERIAL NUMBER

Information as required by CSA B-620-14

2018-10

18874

OWNER: **Robbie D. Wood**

PRINCIPAL PLACE OF BUSINESS ADDRESS: **1051 Old Warrior River Rd** TELEPHONE: **205/744-8440**

CITY, STATE, ZIP CODE: **Dolomite, AL. 35061**

OWNER'S SERIAL NO. _____ MFG. DATE: **2018-10** ORIG. TEST DATE: **2018-10**

CARRIER'S EQUIPMENT NO. _____ VESSEL MATERIAL SPEC. NO: **SA240-316/316L**

CARRIER (If other than owner) _____

PRINCIPAL PLACE OF BUSINESS ADDRESS _____

CITY, STATE, ZIP CODE _____

TC SPECIFICATION NO. **407** FLUID CAPACITY (L) **26790**

MANUFACTURER'S SERIAL NO. **2TLSL4320KB000669** ASME CODE SYMBOL _____

TYPE OF TEST (S)

<input checked="" type="checkbox"/> EXTERNAL VISUAL (V)	<input checked="" type="checkbox"/> PRESSURE RETEST (P)	A	W	45	PSIG / 10 MIN
<input checked="" type="checkbox"/> INTERNAL VISUAL (I)	<input checked="" type="checkbox"/> LEAKAGE TEST (K)	A	W	25	PSIG / 5 MIN
<input checked="" type="checkbox"/> THICKNESS TEST (T)	<input checked="" type="checkbox"/> UPPER COUPLER (UC)	MEDIUM	A - AIR		
HYDROSTATIC OR PNEUMATIC PROCEDURE		MEDIUM	W - WATER		
ON COMPARTMENTED TRAILER ONLY ONE COMPARTMENT CAN BE FILLED WITH LIQUID (FLUID USE FOR TEST IT'S ONLY WATER) OR AIR WHEN PNEUMATIC TEST IS USED (SEE MANUAL FOR PROCEDURE) AND TEST AT A TIME ALL ADJACENT COMPARTMENT MUST BE EMPTY					
TEST PRESSURE		KPA			
		310,10			

CERTIFIED BY

MANUFACTURER: **TREMCAR INC.**

WATER CAPACITY (Kg) **26790**

DESIGNED FOR

MAXIMUM ALLOWABLE WORKING PRESSURE: **27443** KPA

MINIMUM DESIGN METAL TEMPERATURE: **172,28** C TO C

CHECKLIST OF ITEMS INSPECTED OR TESTED (YES=ACCEPT/NO=REJECT)

OUTSIDE BARREL ITEMS	P	K	T	STRUCTURE ITEMS		GENERAL ITEMS		INTERNAL BARREL ITEMS	
				YES	NO	YES	NO	YES	NO
Tank Shell	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Tank Heads	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Head - to - Shell Seam	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Piping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Valves	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Gaskets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Manhole Covers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Manhole Gaskets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Devices for Tightening Manhole	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Reclosing Pressure Relief Valves	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Self-closing Stop-valves	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Excess Flow Valves	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Remote Closure Devices	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	

(CHECK ONE)

NO DEFECT OR DAMAGE DISCOVERED

DEFECT OR DAMAGE DISCOVERED

EXPLAIN:

NONE - NEW CARGO TANK

IS REPAIR CERTIFICATION REQUIRED?

YES

NO

DESIGN CERTIFYING ENGINEER REGISTRATION NO.

NONE - NEW TANK TRUCK

METHOD OF REPAIRS:

TEST DATE

2018-10

REPAIR DATE

TC REGISTRATION NUMBER OF THE TESTING FACILITY/ PERSON

REPAIR INFORMATION

TESTED BY: (PERSON'S)

ROUSSELLE LIONEL

TESTED BY: (PERSON'S)

COMPANY NAME:

TREMCAR INC.

REPAIRED BY

ADDRESS:

790 MONTRICHARD AVE.

ADDRESS

CITY, STATE, ZIP CODE:

ST-JEAN-SUR-RICHELIEU, QC, CANADA, J2X 5G4

CITY, STATE, ZIP CODE

DISPOSITION OF CARGO TANK APPLIED X IN THE APPROPRIATE CASE

CARGO TANK FAIL TC SPECIFICATIONS AND IS OUT OF SERVICE

CARGO TANK MEET TC SPECIFICATIONS AND IS RETURN TO SERVICE

MARKINGS APPLIED

YES

NO

SIGNATURE OF INSPECTOR

TC REGISTRATION NUMBER

DATE

OWNER SIGNATURE

DATE

[Signature]

25-0264

2018-10

[Signature]

TANK TEST AND CERTIFICATION REPORT

For compliance with 49 CFR 180.407(h)(4), 180.417(b) & (c), and 40 CFR 60.505(b)

TANK IDENTIFICATION NO.	INSPECTION TEST DATE	REPORT NUMBER
	2018-10	18874
OWNER	CARRIER (if other than owner)	
PRINCIPAL PLACE OF BUSINESS ADDRESS	PRINCIPAL PLACE OF BUSINESS ADDRESS	
CITY, STATE, ZIP CODE	TELEPHONE	TELEPHONE
OWNER'S TANK SERIAL NO.	MFG. DATE	CARRIER'S EQUIPMENT NO.
	2018-10	
CARGO TANK MOTOR VEHICLE MFG.	CARGO TANK MOTOR VEHICLE CERT. DATE	TANK MANUFACTURER
TREMCAR	2018-10	TREMCAR
MAX. WEIGHT OF LADING	LINING MATERIALS	DOT SPECIFICATION NO.
LBS. 60500	N/A	407
HEATING SYSTEM	DESIGN PRESSURE	DESIGN TEMPERATURE
	(PSIG) 75	'F 250
SHELL	HEAD	DESIGN TEMPERATURE
SA240-316/316L	SA240-316/316L	'F -20 TO 'F 250
EXPOSED SURFACE AREA IN SQ. FT.	MAX. DESIGN DENSITY OF LADING (LBS. PER GAL.)	TANK
722	16.00	<input type="checkbox"/> LINED <input checked="" type="checkbox"/> INSULATED
TYPE OF TEST(S)		
<input checked="" type="checkbox"/> EXTERNAL VISUAL (V) <input checked="" type="checkbox"/> LEAKAGE TEST (K) <input checked="" type="checkbox"/> PRESSURE RETEST (P) <input checked="" type="checkbox"/> INTERNAL VISUAL (I) <input checked="" type="checkbox"/> HYDROSTATIC <input type="checkbox"/> PNEUMATIC <input checked="" type="checkbox"/> HYDROSTATIC <input type="checkbox"/> LINING INSPECTION (L) <input type="checkbox"/> DELIVERY HOSE/PIPING <input type="checkbox"/> PNEUMATIC <input checked="" type="checkbox"/> THICKNESS TEST (T) <input type="checkbox"/> K-EPA27 <input type="checkbox"/> MATERIAL CORROSIVE TO TANK _____ <input type="checkbox"/> DEDICATED SERVICE _____ <input type="checkbox"/> OTHER _____		

ITEMS INSPECTED OR TESTED																			
YES	NO	ITEM	YES	NO	ITEM	TYPE					K-EPA27								
<input checked="" type="checkbox"/>		Tank Shell	<input checked="" type="checkbox"/>		Frangible (Rupture) Disk	PRESSURE RELIEF DEVICES	BETTS #RVC3ST-25												
<input checked="" type="checkbox"/>		Tank Heads	<input checked="" type="checkbox"/>		Major Appurtenances			Device Number	1	2	3	4	5	TEST	TIME	MEASURE	AVERAGE		
<input checked="" type="checkbox"/>		Head-to-Shell Seam	<input checked="" type="checkbox"/>		- upper coupler assembly			Tested						PRES.	START	END	START	END	RESULTS
<input checked="" type="checkbox"/>		Valves	<input checked="" type="checkbox"/>		- suspension system attachments			Removed						PRES.					
<input checked="" type="checkbox"/>		Gaskets	<input checked="" type="checkbox"/>		- connecting structures			Inspected						VAC.					
<input checked="" type="checkbox"/>		Manhole Covers	<input checked="" type="checkbox"/>		Lining Material			Replaced						VAC.					
<input checked="" type="checkbox"/>		Manhole Gaskets	<input checked="" type="checkbox"/>		Pressure Bearing Portions of Heating System			Reinstalled						VR VENT					
<input checked="" type="checkbox"/>		Devices for Tightening Manhole Gaskets on Full Opening Rear Head	<input checked="" type="checkbox"/>		Flues for Heating System			Repaired						VR VENT					
<input checked="" type="checkbox"/>		Self-closing Stop-valves	<input checked="" type="checkbox"/>		Corroded or Abraded Areas			Pressure - set to discharge	25	PSIG				UPPER COUPLER ASSEMBLY					
<input checked="" type="checkbox"/>		Excess Flow Valves	<input checked="" type="checkbox"/>		Distortions			Pressure - when open	30	PSIG				<input checked="" type="checkbox"/> EXAMINED IN PLACE	NEW				
<input checked="" type="checkbox"/>		Remote Closure Devices	<input checked="" type="checkbox"/>		Dents			Pressure - when resealed	27	PSIG				<input type="checkbox"/> REMOVED FOR EXAMINATION					
<input checked="" type="checkbox"/>		Reclosing Pressure Relief Valves	<input checked="" type="checkbox"/>		Welds			THICKNESS (INCHES)	MFG.	MIN. TESTED				LEAKAGE TEST	WATER	WATER			
<input checked="" type="checkbox"/>		Nuts and Bolts	<input checked="" type="checkbox"/>					HEAD	0.1400	0.131				FLUID USED	25	45			
DELIVERY HOSE/PIPING													PRESSURE TEST						
HOSE I.D. NO. N/A DATE OF ORIG. HOSE ASSEMBLY TEST													PRESSURE 25 45						
CONDITION OF HOSE ASSEMBLY & PIPING SYSTEM											HOLDING TIME 5 min 10 min								

(b) Each cargo tank must be durably and legibly marked, in English, with the date (month and year) and the type of test or inspection performed, subject to the following provisions:

(1) The date must be readily identifiable with the applicable test or inspection.

(2) The markings must be in letters and numbers at least 32 mm (1.25 inches) high, near the specification plate or anywhere on the front head.

(3) The type of test or inspection may be abbreviated as follows:

(i) V for external visual inspection and test;

(ii) I for internal visual inspection;

(iii) F for pressure test;

(iv) L for lining inspection;

(v) T for thickness test; and

(vi) K for leakage test for a cargo tank tested under §180.407, except §180.407(h)(2); and

(vii) K-EPA27 for a cargo tank tested under §180.407(h)(2) after October 1, 2004.

during the unloading.

portion of the delivery hose assembly deployed unloading, the operator must visually check that (c) Post-delivery hose check. After each pressure.

(b) Hose identification. By July 1, 2000, the operator must assure that each delivery hose assembly is permanently marked with a unique identification number and maximum working pressure.

(a) Applicability. This section is applicable to transporting liquefied compressed gases.

(v) Loose or missing bolts or fastenings on booted hose coupling assemblies.

(2) No operator may use a cargo tank with a piping system found to have any condition identified in this paragraph (g)(2) for unloading liquefied compressed gases.

(i) Any external leak identifiable without the use of instruments.

(ii) Bolts that are loose, missing, or severely corroded.

(iii) Manual stop valves that will not actuate.

(iv) Rubber hose flexible connectors with any condition outlined in paragraph (g)(1) of this section.

(v) Stainless steel flexible connectors with damaged reinforcement braid.

(vi) Internal self-closing stop valves that fail to close or that permit leakage through the valve detectable without the use of instruments.

(vii) Pipes or joints that are severely corroded.

RECORD OF ANNUAL INSPECTION

(49 CFR, 396. 17-23)

Prepare Separate Report for Each Vehicle Inspected

DATE

2018-10

D4256166

COMPANY NAME			VEHICLE TYPE <input type="checkbox"/> TRUCK <input type="checkbox"/> TRACTOR <input checked="" type="checkbox"/> TRAILER <input type="checkbox"/> CONVERTER DOLLY		
STREET ADDRESS			VEHICLE MAKE TREMCAR		MODEL TRA/REM
CITY STATE ZIP			YEAR 2019		
			VEHICLE IDENTIFICATION (Company No., State Tag No. or VIN) 2TSLSL4320KB000669		
INSPECTOR'S NAME (Please Print)				EMPLOYEE NO.	

REPORT OF CONDITION (For Detailed Information on Inspection Procedures see FMCSR Section 396, Appendix G)

	OK	REPAIR		OK	REPAIR		OK	REPAIR		OK	REPAIR
BRAKES			EXHAUST			STEERING			FRAME		
Adjustment	✓		Leaks			Adjustment			Members		
Mechan. Compon.	✓		Placement			Column/Gear			Clearance		
Drum/Rotor	✓		LIGHTING			Axle					
Hose/Tubing	✓		Headlights			Linkage			TIRES		
Lining	✓		Tail/Stop	✓		Power Steering			Tread	✓	
Antilock System	✓		Clearance/Marker	✓		Other			Inflation	✓	
Automatic Adjusters	✓		Identification	✓		FUEL SYSTEM			Damage	✓	
Low Air Warning			Reflectors	✓		Tank(s)			Speed Restrictions		
Trailer Air Supply			Other <i>TAPE</i>	✓		Lines			Other		
Compressor											
Parking Brakes			CAB/BODY			SUSPENSION			WHEELS/RIM		
Other			Access			Springs			Fasteners	✓	
			Eqpt./Load Secure			Attachments	✓		Disc/Spoke	✓	
COUPLERS			Tie-Downs			Sliders			<i>500LBS TORQ</i>	✓	
Fifth-Wheel & Mount			Headerboard			<i>AIR</i>	✓		WINDSHIELD		
Pin/Upper Plate	✓		Motorcoach Seats			MIRRORS					
Pintle-Hook/Eye			Other						WINDSHLD. WIP.		
Safety Chain(s)											

REMARKS

Certification: This vehicle has passed all the inspection items for the annual vehicle inspection in accordance with 49 CFR Part 396.

QUALIFIED INSPECTOR'S SIGNATURE *James Rowland* DATE 2018-10

APPLY LABEL TO A CLEAN, DRY SURFACE. USE WITH AN OVERLAMINATE (2402) TO IMPROVE DURABILITY UNDER NORMAL WEATHER CONDITIONS.

AN INDELIBLE INK MARKER IS RECOMMENDED FOR USE WHEN FILLING OUT THE LABEL. INDELIBLE INK IS PERMANENT AND WILL NOT WASH OFF, BUT MAY FADE DUE TO EXPOSURE TO ULTRAVIOLET LIGHT OVER TIME. CAREFUL DISCRETION IS ADVISED REGARDING APPLICATION OF LABEL TO AN AREA NOT EXPOSED TO EXCESSIVE ULTRAVIOLET LIGHT AND/OR ELEMENTS AND IT IS RECOMMENDED THAT THE READABILITY OF THE LABEL BE CHECKED PERIODICALLY.

Job#: 18843@18892		Units:		USG	
CHARTÉ DE CALIBRATION / CALIBRATION CHART		CHARTÉ DE CALIBRATION / CALIBRATION CHART		USG	
CITERNE COMPARTIMENT / TANK COMPARTMENT: 1		CITERNE COMPARTIMENT / TANK COMPARTMENT: 1		CITERNE COMPARTIMENT / TANK COMPARTMENT: 1	
	0"	1/4"	1/2"	3/4"	
1	0	3	8	14	54
2	1	22	40	50	55
3	2	61	85	98	56
4	3	112	141	166	57
5	4	172	204	222	58
6	5	239	275	294	59
7	6	313	353	373	60
8	7	393	435	457	61
9	8	479	523	546	62
10	9	569	616	640	63
11	10	664	713	738	64
12	11	763	814	839	65
13	12	865	918	945	66
14	13	972	1026	1054	
15	14	1081	1137	1165	
16	15	1194	1251	1280	
17	16	1309	1368	1397	
18	17	1427	1487	1517	
19	18	1548	1609	1639	
20	19	1670	1732	1763	
21	20	1795	1858	1890	
22	21	1921	1985	2017	
23	22	2050	2114	2147	
24	23	2179	2245	2278	
25	24	2311	2377	2410	
26	25	2443	2510	2543	
27	26	2577	2644	2677	
28	27	2711	2779	2812	
29	28	2846	2914	2948	
30	29	2982	3051	3085	
31	30	3119	3187	3221	
32	31	3255	3324	3359	
33	32	3393	3462	3496	
34	33	3530	3599	3633	
35	34	3668	3736	3771	
36	35	3805	3874	3908	
37	36	3942	4010	4044	
38	37	4079	4147	4181	
39	38	4215	4282	4316	
40	39	4350	4384	4417	
41	40	4485	4518	4552	
42	41	4618	4652	4685	
43	42	4751	4784	4817	
44	43	4882	4915	4947	
45	44	5012	5044	5077	
46	45	5141	5172	5204	
47	46	5267	5299	5330	
48	47	5392	5423	5454	
49	48	5515	5545	5576	
50	49	5636	5665	5695	
51	50	5754	5783	5812	
52	51	5870	5898	5926	
53	52	5982	6010	6038	
54	53	6092	6119	6146	
55	54				
56	55				
57	56				
58	57				
59	58				

THIS CHART IS NOT INTENDED FOR LEGAL MEASURE
 CETTE TABLE N'EST PAS CONÇUE POUR MESURE LÉGALE



TREMCAR

790 Avenue Montrichard
Saint-Jean-sur-Richelieu
Canada J2X 5G4
Transport Canada Reg. # 25-264

CERTIFICATE OF COMPLIANCE

THIS CERTIFIES THAT THE NEW TREMCAR INC TANK, FITTINGS, VALVES, PIPING AND PROTECTIVE DEVICES DESCRIBED BELOW WAS DESIGNED, CONSTRUCTED, TESTED, AND COMPLETED IN ACCORDANCE WITH THE APPLICABLE CARGO TANK SPECIFICATION

VEHICLE TYI	TRAILER	MANUFACTURER:	TREMCAR INC.	TCRN:	N/A
		ASSEMBLER:		MDIN:	13017
		(IF NOT SAME AS MANUFACTURER)		VIN:	2TLSL4320KB00669
				TANK SERIAL NUMBER:	18874

RESPONSIBLE OFFICIAL OF TREMCAR INC.

DESIGN ENGINEER

TANK INSPECTOR
NAME AND ADDRESS (IF NOT SAME AS ABOVE)

CARGO TANK COMPLIES WITH SECIFICATION:

TC 407

VENTS INTALLED:	RATING	DATE OF MFR:	2018-10
1.	BETTS RVC3ST-25, 409559 SCFH (90%)	DATE OF CERT.:	2018-10
2.			
3.			

ITEMS NOT INSTALLED AT TIME OF SHIPMENT: 1. _____

ORIG. TEST DATE	2018-10		
MAX. PAYLOAD	27443	KG	
MAX LOAD RATE	1893	L/MIN @	172,3 Kpa
MAX. UNLOAD RATE	1893	L/MIN @	172,3 Kpa
HEATING SYS. PRESS.	516,8	Kpa	HEATING SYS. TEMP. 121,1 °C
MAWP	172,3	Kpa TEST P	310,1 Kpa
DESIGN TEMP. RANGE	-29	°C	TO 121 °C
WELD MATL.	ER316L		HEAD MATL. SA240-316/316L
SHELL MATL.	SA240-316/316L		LINING N/A
MIN. SHELL THICK.	TOP 2,921	MM	BOTTOM 2,921 MM
MFD. SHELL THICK.	TOP 3,277	MM	BOTTOM 3,277 MM
MIN HEAD THICK.	2,921	MM	MFD HEAD THICK. 3,556 MM
MAX. LADING DENSITY	1,92	KG/L	VOL. CAP 26 790 L
EXPOSED SURFACE AREA	67,07	SQ M	



CT-5931

ST-JEAN-SUR-RICHELIEU

CT-5930
ST-CÉSaire

BCTE INC.

ISSUED TO OWNER

CERTIFICATE OF COMPLIANCE

THIS CERTIFIES THAT THE NEW TREM CAR TANK DESCRIBED BELOW WAS DESIGNED, CONSTRUCTED, TESTED AND COMPLETED IN ACCORDANCE WITH THE APPLICABLE CARGO TANK SPECIFICATION.

VEHICLE TYPE: SEMI TRAILER CAPACITY: 7077 USG DATE SHIPPED: 2018-10

YEAR FABRICATED: 2018 VIN: 2TLSL4320K8000669 SERIAL NUMBER: 18874

RESPONSIBLE OFFICIAL OF TREM CAR INC.

DESIGN CERTIFICATION ENGINEER

REGISTERED INSPECTOR

CARGO TANK COMPLIES WITH SPECIFICATION

DOT: 407

CERTIFICATION DATE: 2018-10

CARGO TANK COMPLIES WITH SPECIFICATION

DOT: _____

EXCEPT AS LISTED

CERTIFICATION DATE: _____

ITEMS NOT INSTALLED AT TIME OF SHIPMENT:

1. _____

2. _____

3. _____

4. _____

ABOVE ITEMS INSTALLED: _____

BY: _____

FIRM

AUTHORIZED SIGNATURE(S)