

# 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)	
PRINCIPAL PLACE OF BUSINESS ADDRESS		2018-09 19159	
CITY, STATE, ZIP CODE		TELEPHONE	
OWNER'S TANK SERIAL NO.		VESSEL MATERIAL SPEC. NO.	
CARGO TANK MOTOR VEHICLE MFG.		MFG. DATE	
TREM CAR		2018-09	
MAX. WEIGHT OF LADING		CARGO TANK MOTOR VEHICLE CERT. DATE	
63300		2018-09	
LINING MATERIALS		TANK MANUFACTURER	
N/A		TREM CAR	
DESIGN PRESSURE		DOT SPECIFICATION NO.	
75		407	
DESIGN TEMPERATURE		ORIGINAL TEST DATE	
°F 250		2018-09	
MATERIAL		DESIGN TEMPERATURE	
SAZ40-316/316 L		°F -20 TO °F 250	
HEAD		WATER CAPACITY IN LBS.	
SAZ40-316/316 L		59915	
MAX. DESIGN DENSITY OF LADING		TANK	
(LBS. PER GAL.) 13.00		<input type="checkbox"/> LINED <input checked="" type="checkbox"/> INSULATED <input type="checkbox"/> SPECIAL SERVICE	
<b>TYPE OF TEST(S)</b> <input checked="" type="checkbox"/> EXTERNAL VISUAL (V) <input type="checkbox"/> LEAKAGE TEST (K) <input type="checkbox"/> PRESSURE RETEST (P) <input type="checkbox"/> INTERNAL VISUAL (I) <input 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			

ITEMS INSPECTED OR TESTED		K-EPA27	
YES	NO	TEST	AVERAGE RESULTS
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pressure	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Relief Devices	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Device Number	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tested	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Removed	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Inspected	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Replaced	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Reinstalled	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Repaired	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pressure - set to discharge	25 PSIG
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pressure - when open	30 PSIG
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pressure - when resealed	27 PSIG
<input checked="" type="checkbox"/>	<input type="checkbox"/>	THICKNESS (INCHES)	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	HEAD	0.115
<input checked="" type="checkbox"/>	<input type="checkbox"/>	SHELL TOP	0.129
<input checked="" type="checkbox"/>	<input type="checkbox"/>	SHELL SIDE	0.129
<input checked="" type="checkbox"/>	<input type="checkbox"/>	SHELL BOTTOM	0.129
<input checked="" type="checkbox"/>	<input type="checkbox"/>	DELIVERY HOSE/PIPING	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	DATE OF ORIG. HOSE ASSEMBLY	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	CONDITION OF HOSE ASSEMBLY & PIPING SYSTEM	

(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  ANY OTHER MATERIAL THAT MAY CAUSE STRESS CORROSION CRACKING

STRESS RELIEVED AFTER FABRICATION  YES  NO

DOT REGISTRATION NUMBER OF THE TESTING FACILITY/PERSON TEST DATE 2018-09

STRESS RELIEVED AFTER REPAIR  YES ( Full  Local)  NO

REPAIRED BY \_\_\_\_\_ ASME OR NATIONAL BOARD NO. OF REPAIR FACILITY \_\_\_\_\_

TESTED BY (Person's Name) **GOYETTE RAYMOND**

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 **2/18/09** SIGNATURE OF OWNER \_\_\_\_\_ DATE \_\_\_\_\_

SERV-138

4789-551

TANKER TEST AND INSPECTION REPORT				INSPECTION TEST DATE		SERIAL NUMBER								
Information as required by CSA B-620-14				2018-10		18876								
OWNER: <b>Robbie D. Wood.</b>				CARRIER (if other than owner)										
PRINCIPAL PLACE OF BUSINESS ADDRESS: <b>1051 Old Warrior River Rd.</b>				PRINCIPAL PLACE OF BUSINESS ADDRESS										
CITY, STATE, ZIP CODE: <b>Dolomite, AL 35061</b>				CITY, STATE, ZIP CODE										
OWNER'S SERIAL NO.		MFG. DATE	ORIG. TEST DATE	TC SPECIFICATION NO.		FLUID CAPACITY (L)								
		2018-10	2018-10	407		26790								
CARRIER'S EQUIPMENT NO.		VESSEL MATERIAL SPEC. NO.		MANUFACTURER'S SERIAL NO.		ASME CODE SYMBOL								
		SA240-316/316L		2TSL4329KB000671		-----								
TYPE OF TEST (S)				CERTIFIED BY										
<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				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				DESIGNED FOR										
TEST PRESSURE		KPA		MAXIMUM ALLOWABLE		MINIMUM DESIGN								
310.10		310.10		27443		172.28								
		WORKING PRESSURE		KPA		METAL TEMPERATURE								
						C TO C								
CHECKLIST OF ITEMS INSPECTED OR TESTED (YES=ACCEPT/NO=REJECT)														
OUTSIDE BARREL ITEMS	P	K	T	STRUCTURE ITEMS	YES	NO	GENERAL ITEMS	YES	NO	INTERNAL BARREL ITEMS	YES	NO		
Tank Shell	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Roll over & Bumper protection	<input checked="" type="checkbox"/>		Distortions	<input checked="" type="checkbox"/>		Interior surface, including heads for corrosion	<input checked="" type="checkbox"/>			
Tank Heads	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Nuts and Bolts	<input checked="" type="checkbox"/>		Dents	<input checked="" type="checkbox"/>		distortion overlay patches, cracking etc.	<input checked="" type="checkbox"/>			
Head - to - Shell Seam	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Major Appurtenances	<input checked="" type="checkbox"/>		Welds	<input checked="" type="checkbox"/>		Areas above upper coupler, landing gear legs and subframe for indications of distortion or cracks	<input checked="" type="checkbox"/>			
Piping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	connecting structures	<input checked="" type="checkbox"/>		Frangible ( Rupture ) Disk	<input checked="" type="checkbox"/>	X	Interior welds for defects or cracking	<input checked="" type="checkbox"/>			
Valves	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	suspension system attachments	<input checked="" type="checkbox"/>		Pressure of heating system	<input checked="" type="checkbox"/>		Size of the weld and theirs conformity	<input checked="" type="checkbox"/>			
Gaskets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Drop upper coupler	<input checked="" type="checkbox"/>		Fuses for Heating System	<input checked="" type="checkbox"/>		Internal supports and attachments	<input checked="" type="checkbox"/>			
Manhole Covers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	In place upper coupler	<input checked="" type="checkbox"/>		Name plate	<input checked="" type="checkbox"/>		Internal valves, piping and vents for leakage, damage	<input checked="" type="checkbox"/>			
Manhole Gaskets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Corroded or Abraded Areas	<input checked="" type="checkbox"/>		ASME Name plate	<input checked="" type="checkbox"/>		Weld of baffles and pads	<input checked="" type="checkbox"/>			
Devices for Tightening Manhole	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Tanker Insulate	<input checked="" type="checkbox"/>		Gaskets on Full Opening Rear Head	<input checked="" type="checkbox"/>			
Reclosing Pressure Relief Valves	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Lining Material	<input checked="" type="checkbox"/>	X	Internal piping pressure test	<input checked="" type="checkbox"/>			
Self-closing Stop-valves	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				Corrosive transport	<input checked="" type="checkbox"/>						
Excess Flow Valves	<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"/>											
(CHECK ONE)				NO DEFECT OR DAMAGE DISCOVERED				<input checked="" type="checkbox"/> 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:														
TC REGISTRATION NUMBER OF THE TESTING FACILITY/ PERSON										REPAIR INFORMATION			TEST DATE	
													2018-10	
TESTED BY: (PERSON'S)										REPAIRED BY			REPAIR DATE	
COMPAANY NAME: <b>TREM CAR INC.</b>														
ADDRESS: <b>790 MONTRICHARD AVE.</b>														
CITY, STATE, ZIP CODE: <b>ST-JEAN-SUR-RICHELIEU, QC, CANADA, J2X 5G4</b>														
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		
						<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		<input type="checkbox"/>		
SIGNATURE OF INSPECTOR				TC REGISTRATION NUMBER		DATE		OWNER SIGNATURE		DATE				
				25-0264		2018-10								

# 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	18876
PRINCIPAL PLACE OF BUSINESS ADDRESS		PRINCIPAL PLACE OF BUSINESS ADDRESS			
CITY, STATE, ZIP CODE		CITY, STATE, ZIP CODE		TELEPHONE	
OWNER'S TANK SERIAL NO.		MFG. DATE		2018-10	
CARGO TANK MOTOR VEHICLE MFG.		CARGO TANK MOTOR VEHICLE CERT. DATE		2018-10	
TREM CAR		TANK MANUFACTURER		TREM CAR	
MAX. WEIGHT OF LADING		LINING MATERIALS		N/A	
LBS. 60500		DESIGN PRESSURE		75	
HEATING SYSTEM		DESIGN TEMPERATURE		250	
SHELL SA240-316/316L		HEAD SA240-316/316L		MAX. DESIGN DENSITY OF LADING (LBS. PER GAL) 16.00	
EXPOSED SURFACE AREA IN SQ. FT. 722		TYPE OF TEST(S)		<input checked="" type="checkbox"/> LEAKAGE TEST (K) <input type="checkbox"/> PRESSURE RETEST (P) <input type="checkbox"/> HYDROSTATIC <input type="checkbox"/> PNEUMATIC <input type="checkbox"/> HYDROSTATIC <input type="checkbox"/> DELIVERY HOSE/PIPING <input type="checkbox"/> PNEUMATIC <input type="checkbox"/> K-EPA27 <input type="checkbox"/> K-EPA27	

ITEMS INSPECTED OR TESTED			K-EPA27		
YES	NO	ITEM	TEST PRES.	TIME	AVERAGE RESULTS
<input checked="" type="checkbox"/>		Tank Shell			
<input checked="" type="checkbox"/>		Tank Heads			
<input checked="" type="checkbox"/>		Head-to-Shell Seam			
<input checked="" type="checkbox"/>		Valves			
<input checked="" type="checkbox"/>		Gaskets			
<input checked="" type="checkbox"/>		Manhole Covers			
<input checked="" type="checkbox"/>		Manhole Gaskets			
<input checked="" type="checkbox"/>		Devices for Tightening Manhole			
<input checked="" type="checkbox"/>		Gaskets on Full Opening Rear Head			
<input checked="" type="checkbox"/>		Self-closing Stop-valves			
<input checked="" type="checkbox"/>		Excess Flow Valves			
<input checked="" type="checkbox"/>		Remote Closure Devices			
<input checked="" type="checkbox"/>		Reclosing Pressure Relief Valves			
<input checked="" type="checkbox"/>		Nuts and Bolts			
DELIVERY HOSE/PIPING			MFG. MIN. TESTED		
HOSE I.D. NO. N/A			DATE OF ORIG. HOSE ASSEMBLY TEST		
CONDITION OF HOSE ASSEMBLY & PIPING SYSTEM			THICKNESS (INCHES)		
			HEAD 0.1400		
			SHELL TOP 0.1290		
			SHELL SIDE 0.1290		
			SHELL BOTTOM 0.1290		
PRESSURE RELIEF DEVICES			BETTS #RC3ST-2		
Device Number			1 2 3 4 5		
Tested					
Removed					
Inspected					
Replaced					
Reinstalled					
Repaired					
Pressure - set to discharge			25 PSIG		
Pressure - when open			30 PSIG		
Pressure - when resealed			27 PSIG		
UPPER COUPLER ASSEMBLY			X EXAMINED IN PLACE NEW		
			□ REMOVED FOR EXAMINATION		
LEAKAGE TEST			PRESSURE TEST		
FLUID USED WATER			WATER		
PRESSURE 25			5 min		
HOLDING TIME 10 min					

(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  ANY OTHER MATERIAL THAT MAY CAUSE STRESS CORROSION CRACKING

DOT REGISTRATION NUMBER OF THE TESTING FACILITY/PERSON CT-5931 TEST DATE 2018-10

TESTED BY (Person's Name) ROSSOLE 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

**RECORD OF ANNUAL INSPECTION**

(49 CFR, 396. 17-23)

Prepare Separate Report for Each Vehicle Inspected

DATE  
2018-10

D4256177

COMPANY NAME			VEHICLE TYPE <input type="checkbox"/> TRUCK <input type="checkbox"/> TRACTOR <input checked="" type="checkbox"/> TRAILER <input type="checkbox"/> CONVERTER <input type="checkbox"/> DOLLY		
STREET ADDRESS			VEHICLE MAKE TREM CAR	MODEL TRA/REM	YEAR 2019
CITY	STATE	ZIP	VEHICLE IDENTIFICATION (Company No., State Tag No. or VIN) 2TLSL4329KB000671		
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
<b>BRAKES</b>			<b>EXHAUST</b>			<b>STEERING</b>			<b>FRAME</b>		
Adjustment	✓		Leaks			Adjustment			Members		
Mechan. Compon.	✓		Placement			Column/Gear			Clearance		
Drum/Rotor	✓		<b>LIGHTING</b>			Axle					
Hose/Tubing	✓		Headlights			Linkage			<b>TIRES</b>		
Lining	✓		Tail/Stop	✓		Power Steering			Tread	✓	
Antilock System	✓		Clearance/Marker	✓		Other			Inflation	✓	
Automatic Adjusters	✓		Identification	✓		<b>FUEL SYSTEM</b>			Damage	✓	
Low Air Warning			Reflectors	✓		Tank(s)			Speed Restrictions		
Trailer Air Supply			Other <i>TAPE</i>	✓		Lines			Other		
Compressor											
Parking Brakes			<b>CAB/BODY</b>			<b>SUSPENSION</b>			<b>WHEELS/RIM</b>		
Other			Access			Springs			Fasteners	✓	
			Eqpt./Load Secure			Attachments	✓		Disc/Spoke	✓	
<b>COUPLERS</b>			Tie-Downs			Sliders			<i>500 LBS TORQ</i>	✓	
Fifth-Wheel & Mount			Headerboard			<i>AIR</i>	✓		<b>WINDSHIELD</b>		
Pin/Upper Plate	✓		Motorcoach Seats			<b>MIRRORS</b>					
Pintle-Hook/Eye			Other						<b>WINDSHLD. WIP.</b>		
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 *[Signature]* 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		Job#: 18843@18892		Units:		USG	
CHARTRE DE CALIBRATION / CALIBRATION CHART		CHARTRE DE CALIBRATION / CALIBRATION CHART		CHARTRE DE CALIBRATION / CALIBRATION CHART		CHARTRE DE CALIBRATION / CALIBRATION CHART		CHARTRE DE CALIBRATION / CALIBRATION CHART		CHARTRE DE CALIBRATION / CALIBRATION CHART	
CITERNE COMPARTIMENT / TANK COMPARTMENT: 1		CITERNE COMPARTIMENT / TANK COMPARTMENT: 1		CITERNE COMPARTIMENT / TANK COMPARTMENT: 1		CITERNE COMPARTIMENT / TANK COMPARTMENT: 1		CITERNE COMPARTIMENT / TANK COMPARTMENT: 1		CITERNE COMPARTIMENT / TANK COMPARTMENT: 1	
	0"	1/4"	1/2"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"
1	0	3	8	14	20	26	32	38	44	50	56
2	1	22	40	58	76	94	112	130	148	166	184
3	2	61	73	85	98	110	122	134	146	158	170
4	3	112	141	156	168	180	192	204	216	228	240
5	4	172	188	204	222	238	254	270	286	302	318
6	5	239	257	275	294	312	330	348	366	384	402
7	6	313	333	353	373	393	414	435	457	479	501
8	7	393	414	435	457	479	501	523	546	569	592
9	8	569	592	616	640	664	688	713	738	763	788
10	9	664	688	713	738	763	788	814	839	865	892
11	10	763	788	814	839	865	892	918	945	972	1000
12	11	865	892	918	945	972	1000	1026	1054	1081	1109
13	12	972	999	1026	1054	1081	1109	1137	1165	1194	1222
14	13	1081	1109	1137	1165	1194	1222	1251	1280	1309	1338
15	14	1194	1222	1251	1280	1309	1338	1368	1397	1427	1457
16	15	1309	1338	1368	1397	1427	1457	1487	1517	1548	1578
17	16	1427	1457	1487	1517	1548	1578	1609	1639	1670	1701
18	17	1548	1578	1609	1639	1670	1701	1732	1763	1795	1826
19	18	1670	1701	1732	1763	1795	1826	1858	1890	1921	1953
20	19	1795	1826	1858	1890	1921	1953	1985	2017	2050	2082
21	20	1921	1953	1985	2017	2050	2082	2114	2147	2179	2212
22	21	2050	2082	2114	2147	2179	2212	2245	2278	2311	2344
23	22	2179	2212	2245	2278	2311	2344	2377	2410	2443	2476
24	23	2311	2344	2377	2410	2443	2476	2510	2543	2577	2610
25	24	2443	2476	2510	2543	2577	2610	2644	2677	2711	2745
26	25	2577	2610	2644	2677	2711	2745	2779	2812	2846	2880
27	26	2711	2745	2779	2812	2846	2880	2914	2948	2982	3016
28	27	2846	2880	2914	2948	2982	3016	3051	3085	3119	3153
29	28	2982	3016	3051	3085	3119	3153	3187	3221	3255	3290
30	29	3119	3153	3187	3221	3255	3290	3324	3359	3393	3427
31	30	3255	3290	3324	3359	3393	3427	3462	3496	3530	3565
32	31	3393	3427	3462	3496	3530	3565	3599	3633	3668	3702
33	32	3530	3565	3599	3633	3668	3702	3736	3771	3805	3839
34	33	3668	3702	3736	3771	3805	3839	3874	3908	3942	3976
35	34	3805	3839	3874	3908	3942	3976	4010	4044	4079	4113
36	35	3942	3976	4010	4044	4079	4113	4147	4181	4215	4249
37	36	4079	4113	4147	4181	4215	4249	4282	4316	4350	4384
38	37	4215	4249	4282	4316	4350	4384	4417	4451	4485	4518
39	38	4350	4384	4417	4451	4485	4518	4552	4585	4618	4652
40	39	4485	4518	4552	4585	4618	4652	4685	4718	4751	4784
41	40	4618	4652	4685	4718	4751	4784	4817	4849	4882	4915
42	41	4751	4784	4817	4849	4882	4915	4947	4980	5012	5044
43	42	4882	4915	4947	4980	5012	5044	5077	5109	5141	5172
44	43	5012	5044	5077	5109	5141	5172	5204	5236	5267	5299
45	44	5141	5172	5204	5236	5267	5299	5330	5361	5392	5423
46	45	5267	5299	5330	5361	5392	5423	5454	5484	5515	5545
47	46	5392	5423	5454	5484	5515	5545	5576	5606	5636	5665
48	47	5515	5545	5576	5606	5636	5665	5695	5725	5754	5783
49	48	5636	5665	5695	5725	5754	5783	5812	5841	5870	5900
50	49	5754	5783	5812	5841	5870	5900	5926	5954	5982	6010
51	50	5870	5900	5926	5954	5982	6010	6038	6065	6092	6119
52	51	5982	6010	6038	6065	6092	6119	6146	6173		
53	52	6092	6119								
54	53										
55	54										
56	55										
57	56										
58	57										

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



CERTIFICATE OF COMPLIANCE

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

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 TY: TRAILER MANUFACTURER: TREMCAR INC. TCRN: N/A  
ASSEMBLER: MDIN: 13017  
(IF NOT SAME AS MANUFACTURER) VIN: 2TLSL4329KB000671  
TANK SERIAL NUMBER: 18876

RESPONSIBLE OFFICIAL OF TREMCAR INC. DESIGN ENGINEER TANK INSPECTOR  
NAME AND ADDRESS (IF NOT SAME AS ABOVE)

CARGO TANK COMPLIES WITH SECIFICATION:

TC 407 DATE OF MFR: 2018-10  
VENTS INTALLED: RATING DATE OF CERT.: 2018-10  
1. BETTS RVC3ST-25, 409559 SCFH (90%)  
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	



# CERTIFICATE OF COMPLIANCE

CT-5931  
ST-JEAN-SUR-RICHELIEU

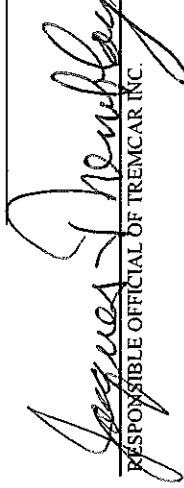
CT-5930  
ST-CÉSaire

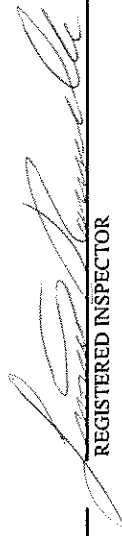
**BCTE INC.**  
ISSUED TO OWNER

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: **2T1SL14329KB000671** SERIAL NUMBER: **18876**

  
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)