



TREMCAR
 790, avenue Monrillard
 St-Jean-sur-Richelieu, QC
 Canada J2X 5G4

CERTIFICATE OF COMPLIANCE

CT-5931
 ST-JEAN-SUR-RICHELIEU

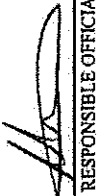
CT-5930
 ST-CESAIRE


BCTE INC.

ISSUED TO OWNER

THIS CERTIFIES THAT THE NEW TREMCAR 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: **2018-03**
 YEAR FABRICATED: **2018** VIN: **ZTLSL4325KB000182** SERIAL NUMBER: **18844**


 DESIGN CERTIFICATION ENGINEER


 REGISTERED INSPECTOR

RESPONSIBLE OFFICIAL OF TREMCAR INC.

CARGO TANK COMPLIES WITH SPECIFICATION

DOT: **407**

CERTIFICATION DATE: **2018-03**

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)

TANKER TEST AND INSPECTION 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
	2018-03	18844
OWNER	CARRIER (if other than owner)	
PRINCIPAL PLACE OF BUSINESS ADDRESS	PRINCIPAL PLACE OF BUSINESS ADDRESS	
CITY, STATE, ZIP CODE	TELEPHONE	CITY, STATE, ZIP CODE
OWNER'S TANK SERIAL NO.	MFG. DATE	CARRIER'S EQUIPMENT NO.
	2018-03	VESSEL MATERIAL SPEC. NO.
CARGO TANK MOTOR VEHICLE MFG.	CARGO TANK MOTOR VEHICLE CERT. DATE	TANK MANUFACTURER
TREMCAR	2018-03	TREMCAR
MAX. WEIGHT OF LADING	LINING MATERIALS	DOT SPECIFICATION NO.
LBS. 60500	N/A	407
HEATING SYSTEM	DESIGN PRESSURE (PSIG)	DESIGN TEMPERATURE (°F)
	75	250
ORIGINAL TEST DATE	MAXIMUM ALLOWABLE WORKING PRESSURE (PSIG)	ASME CODE SYMBOL
2018-03	25	
SHELL MATERIAL	HEAD MATERIAL	DESIGN TEMPERATURE (°F)
SA240-316/316 L	SA240-316/316 L	-20 TO 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"/> SPECIAL SERVICE <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	BETS #RVE5T						Gasoline Delivery Tank Pressure Test - EPA Reference Method 27						
<input checked="" type="checkbox"/>		Tank Heads	<input checked="" type="checkbox"/>		Major Appurtenances			TEST	TIME	MEASURE	AVERAGE RESULTS								
<input checked="" type="checkbox"/>		Head-to-Shell Seam	<input checked="" type="checkbox"/>		- upper coupler assembly			Device Number	1	2	3	4	5	PRES.	START	END	START	END	
<input checked="" type="checkbox"/>		Valves	<input checked="" type="checkbox"/>		- suspension system attachments			Tested						PRES.					
<input checked="" type="checkbox"/>		Gaskets	<input checked="" type="checkbox"/>		- connecting structures			Removed						VAC.					
<input checked="" type="checkbox"/>		Manhole Covers	<input checked="" type="checkbox"/>		Lining Material			Inspected						VAC.					
<input checked="" type="checkbox"/>		Manhole Gaskets	<input checked="" type="checkbox"/>		Pressure Bearing Portions of Heating System			Replaced						VR					
<input checked="" type="checkbox"/>		Devices for Tightening Manhole Gaskets on Full Opening Rear Head	<input checked="" type="checkbox"/>		Flues for Heating System			Reinstalled						VENT					
<input checked="" type="checkbox"/>		Self-closing Stop-valves	<input checked="" type="checkbox"/>		Corroded or Abraded Areas			Repaired						VR					
<input checked="" type="checkbox"/>		Excess Flow Valves	<input checked="" type="checkbox"/>		Distortions			Pressure - set to discharge	25					VENT					
<input checked="" type="checkbox"/>		Remote Closure Devices	<input checked="" type="checkbox"/>		Dents	Pressure - when open	30					UPPER COUPLER ASSEMBLY							
<input checked="" type="checkbox"/>		Reclosing Pressure Relief Valves	<input checked="" type="checkbox"/>		Welds	Pressure - when resealed	27					<input checked="" type="checkbox"/> EXAMINED IN PLACE	NEW						
<input checked="" type="checkbox"/>		Nuts and Bolts	<input checked="" type="checkbox"/>			THICKNESS (INCHES)	MFG.	MIN. TESTED				<input type="checkbox"/> REMOVED FOR EXAMINATION							
DELIVERY HOSE/PIPING						HEAD	0.124	0.115				LEAKAGE TEST	PRESSURE TEST						
HOSE I.D. NO. N/A DATE OF ORIG. HOSE ASSEMBLY TEST						SHELL TOP	0.127	0.115				FLUID USED	WATER		WATER				
CONDITION OF HOSE ASSEMBLY & PIPING SYSTEM						SHELL SIDE	0.127	0.115				PRESSURE	25		45				
						SHELL BOTTOM	0.127	0.115				HOLDING TIME	5 min		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/pping 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 STRESS RELIEVED AFTER FABRICATION YES NO REPAIR DATE

DOT REGISTRATION NUMBER OF THE TESTING FACILITY/PERSON: CT-5931 TEST DATE: 2018-03 STRESS RELIEVED AFTER REPAIR YES (Full Local) NO ASME OR NATIONAL BOARD NO. OF REPAIR FACILITY

TESTED BY (Person's Name): **COYOTE RAY MOND** REPAIRED BY:

ADDRESS: ADDRESS:

18844

RECORD OF ANNUAL INSPECTION

(49 CFR, 396. 17-23)

Prepare Separate Report for Each Vehicle Inspected

DATE

2018-03

D3918862

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 TREMCAR		MODEL TRA/REM
CITY			STATE		ZIP
INSPECTOR'S NAME (Please Print)			EMPLOYEE NO.		
			VEHICLE IDENTIFICATION (Company No., State Tag No. or VIN) 2TLSL4325KB000182		
			YEAR 2019		

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	✓		Lines			Other		
Compressor			CAB/BODY								
Parking Brakes			Access			SUSPENSION			WHEELS/RIM		
Other			Eqpt./Load Secure			Springs			Fasteners	✓	
			Tie-Downs			Attachments	✓		Disc/Spoke	✓	
COUPLERS			Headerboard			Sliders			500 LBS FOR Q	✓	
Fifth-Wheel & Mount			Motorcoach Seats			AIR	✓		WINDSHIELD		
Pin/Upper Plate	✓		Other			MIRRORS					
Pintle-Hook/Eye									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 _____

DATE _____

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.

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3136
(Rev. 10/16)

Job#:	18843@18892	Units:	USG	Job#:	18843@18892	Units:	USG		
CHARTRE DE CALIBRATION / CALIBRATION CHART				CHARTRE DE CALIBRATION / CALIBRATION CHART					
CITERNE COMPARTIMENT / TANK COMPARTMENT: 1				CITERNE COMPARTIMENT / TANK COMPARTMENT: 1					
	0"	1/4"	1/2"	3/4"	0"	1/4"	1/2"	3/4"	
0	0	0	3	8	14	54	6199	6225	6251
1	22	30	40	8	50	55	6302	6327	6352
2	61	73	85	8	98	56	6401	6426	6450
3	112	126	141	156	156	57	6497	6520	6543
4	172	188	204	222	222	58	6588	6610	6631
5	239	275	294	294	294	59	6674	6694	6716
6	313	333	353	373	373	60	6754	6774	6793
7	393	414	435	457	457	61	6829	6847	6864
8	479	501	523	546	546	62	6897	6913	6929
9	569	592	616	640	640	63	6958	6972	6985
10	664	688	713	738	738	64	7010	7022	7032
11	763	788	814	839	839	65	7051	7059	7066
12	865	892	918	945	945	66			
13	972	999	1026	1054	1054				
14	1081	1109	1137	1165	1165				
15	1194	1222	1251	1280	1280				
16	1309	1338	1368	1397	1397				
17	1427	1457	1487	1517	1517				
18	1548	1578	1609	1639	1639				
19	1670	1701	1732	1763	1763				
20	1795	1826	1858	1890	1890				
21	1921	1953	1985	2017	2017				
22	2050	2082	2114	2147	2147				
23	2179	2212	2245	2278	2278				
24	2311	2344	2377	2410	2410				
25	2443	2476	2510	2543	2543				
26	2577	2610	2644	2677	2677				
27	2711	2745	2779	2812	2812				
28	2846	2880	2914	2948	2948				
29	2982	3016	3051	3085	3085				
30	3119	3153	3187	3221	3221				
31	3255	3289	3324	3359	3359				
32	3393	3427	3462	3496	3496				
33	3530	3565	3599	3633	3633				
34	3668	3702	3736	3771	3771				
35	3805	3839	3874	3908	3908				
36	3942	3976	4010	4044	4044				
37	4079	4113	4147	4181	4181				
38	4215	4249	4282	4316	4316				
39	4350	4384	4417	4451	4451				
40	4485	4518	4552	4585	4585				
41	4618	4652	4685	4718	4718				
42	4751	4784	4817	4849	4849				
43	4882	4915	4947	4980	4980				
44	5012	5044	5077	5109	5109				
45	5141	5172	5204	5236	5236				
46	5267	5299	5330	5361	5361				
47	5392	5423	5454	5484	5484				
48	5515	5545	5576	5606	5606				
49	5636	5665	5695	5725	5725				
50	5754	5783	5812	5841	5841				
51	5870	5898	5926	5954	5954				
52	5982	6010	6038	6065	6065				
53	6092	6119	6146	6173	6173				

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



CERTIFICATE OF COMPLIANCE

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

THIS CERTIFIES THAT THE NEW TREM CAR 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: TREM CAR INC. TCRN: N/A
ASSEMBLER: (IF NOT SAME AS MANUFACTURER) MDIN: 13817
VIN: 2TTL5L4325KB000182
TANK SERIAL NUMBER: 18844

[Signature]
RESPONSIBLE OFFICIAL OF TREM CAR INC.

[Signature]
DESIGN ENGINEER

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

CARGO TANK COMPLIES WITH SECIFICATION:

TC 407
VENTS INTALLED: RATING DATE OF MFR: 2018-03
1. BETTS RVC3ST-25_409559 SCFH (90%) DATE OF CERT.: 2018-03
2.
3.

ITEMS NOT INSTALLED AT TIME OF SHIPMENT: 1.

ORIG. TEST DATE	2018-03		
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	