

STAV 116 4757-SS1



CERTIFICATE OF COMPLIANCE

790 Avenue Monrillard
 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: <u>TRAILER</u>	MANUFACTURER: <u>TREM CAR INC.</u>	TCRN: <u>N/A</u>
ASSEMBLER: <u>(IF NOT SAME AS MANUFACTURER)</u>	MDIN: <u>13017</u>	VIN: <u>2T1SL4324KB000190</u>
	TANK SERIAL NUMBER: <u>18862</u>	

<i>Jacques Tremblay</i> RESPONSIBLE OFFICIAL OF TREM CAR INC.	<i>[Signature]</i> DESIGN ENGINEER	<i>[Signature]</i> TANK INSPECTOR NAME AND ADDRESS (IF NOT SAME AS ABOVE)
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CARGO TANK COMPLIES WITH SPECIFICATION:

TC 407	DATE OF MFR: <u>2018-04</u>
VENTS INSTALLED:	DATE OF CBRT.: <u>2018-04</u>
RATING	
1. <u>BETTS RVC3ST-25, 409559 SCFH (90%)</u>	
2. _____	
3. _____	

ITEMS NOT INSTALLED AT TIME OF SHIPMENT: 1. _____

ORIG. TEST DATE	<u>2018-04</u>		
MAX. PAYLOAD	<u>27443</u> KG		
MAX. LOAD RATE	<u>1893</u> LMIN @	<u>172.3</u> Kpa	
MAX. UNLOAD RATE	<u>1893</u> LMIN @	<u>172.3</u> Kpa	
HEATING SYS. PRESS.	<u>516.8</u> Kpa	HEATING SYS. TEMP.	<u>121.1</u> °C
MAWP	<u>172.3</u> Kpa	TEST P	<u>310.1</u> Kpa
DESIGN TEMP. RANGE	<u>-29</u> °C	TO	<u>121</u> °C
WBLD MATL.	<u>ER316L</u>	HEAD MATL.	<u>SA240-316/316L</u>
SHELL MATL.	<u>SA240-316/316L</u>	LINING	<u>N/A</u>
MIN. SHELL THICK.	TOP <u>2.921</u> MM	BOTTOM	<u>2.921</u> MM
MFD. SHELL THICK.	TOP <u>3.277</u> MM	BOTTOM	<u>3.277</u> MM
MIN HEAD THICK.	<u>2.921</u> MM	MFD HEAD THICK.	<u>3.556</u> MM
MAX. LADING DENSITY	<u>1.92</u> KG/L	VOL. CAP	<u>26 790 L.</u>
EXPOSED SURFACE AREA	<u>67.07</u> SQ M		

TANKER TEST AND INSPECTION REPORT

Information as required by CSA B-620-14

INSPECTION TEST DATE

SERIAL NUMBER

2018-04

18852

OWNER: **Robbie D. Wood**
 PRINCIPAL PLACE OF BUSINESS ADDRESS: **1051 Old Warrior River Rd.**
 CITY, STATE, ZIP CODE: **Dolomite, AL, 35061**
 TELEPHONE: **205/744-8440**

CARRIER (if other than owner)
 PRINCIPAL PLACE OF BUSINESS ADDRESS
 CITY, STATE, ZIP CODE

OWNER'S SERIAL NO.
 MFG. DATE: **2018-04**
 ORIG. TEST DATE: **2018-04**
 CARRIER'S EQUIPMENT NO.
 VESSEL MATERIAL SPEC. NO.

TC SPECIFICATION NO.: **407**
 FLUID CAPACITY (L): **26790**
 MANUFACTURER'S SERIAL NO.: **2TSL14324KB000190**
 ASME CODE SYMBOL

TYPE OF TEST (S)

EXTERNAL VISUAL (V) PRESSURE RETEST (P) A W **45** PSIG / 30 MIN
 INTERNAL VISUAL (I) LEAKAGE TEST (K) A W **25** PSIG / 5 MIN
 THICKNESS TEST (T) UPPER COUPLER (UC) MEDIUM A - AIR
 HYDROSTATIC OR PNEUMATIC PROCEDURE MEDIUM W - WATER

CERTIFIED BY

MANUFACTURER: **TREMCAR INC.**
 WATER CAPACITY (Kg): **26790**

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

MAXIMUM ALLOWABLE WORKING PRESSURE: **172.28** KPA
 MINIMUM DESIGN METAL TEMPERATURE: **-29 TO 121** CTD 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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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:

TC REGISTRATION NUMBER OF THE TESTING FACILITY/ PERSON	REPAIR INFORMATION	TEST DATE
		2018-04
		REPAIR DATE

TESTED BY: (PERSON'S) **LOYD B. RAYMOND** 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: **[Signature]** TC REGISTRATION NUMBER: **25-0264** DATE: **2018-04** OWNER SIGNATURE: DATE:



CT-5931 ST-JEAN-SUR-RICHELIEU

CT-5930 ST-CESAIRE

ISSUED TO OWNER
BCTE INC.

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: 2018-04
YEAR FABRICATED: 2018 VIN: 2T1SL4324KB000190 SERIAL NUMBER: 18852

Jacques Tremblay
RESPONSIBLE OFFICIAL OF TREM CAR INC.

[Signature]
REGISTERED INSPECTOR

CARGO TANK COMPLIES WITH SPECIFICATION

DOT: 407

CERTIFICATION DATE: 2018-04

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 80.505(b)

TANK IDENTIFICATION NO.	INSPECTION TEST DATE	REPORT NUMBER
	2018-04	18852
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.		TELEPHONE
MFG. DATE	CARRIER'S EQUIPMENT NO.	VESSEL MATERIAL SPEC. NO.
2018-04		
CARGO TANK MOTOR VEHICLE MFG.	CARGO TANK MOTOR VEHICLE CERT. DATE	TANK MANUFACTURER
TREMCAR	2018-04	TREMCAR
MANUFACTURER'S TANK SERIAL NO.		
2TSL4324KB000190		
MAX. WEIGHT OF LADING	LINING MATERIALS	DOT SPECIFICATION NO.
LBS. 60500	N/A	407
FLUID CAPACITY (GALS.)		ASME CODE SYMBOL
7077 USG		
HEATING SYSTEM	DESIGN PRESSURE (PSIG)	DESIGN TEMPERATURE (°F)
	75	250
ORIGINAL TEST DATE		MAXIMUM ALLOWABLE WORKING PRESSURE (PSIG)
2018-04		25
DESIGN TEMPERATURE (°F)		WATER CAPACITY IN LBS.
-20 TO 250		59022
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 _____		

TYPE OF TEST(S)

EXTERNAL VISUAL (V) LEAKAGE TEST (K) PRESSURE RETEST (P)
 INTERNAL VISUAL (I) HYDROSTATIC PNEUMATIC HYDROSTATIC
 LINING INSPECTION (L) DELIVERY HOSE/PIPING PNEUMATIC
 THICKNESS TEST (T) K-EPA27

ITEMS INSPECTED OR TESTED																				
YES	NO	ITEM	YES	NO	ITEM	TYPE					K-EPA27									
						PRESSURE RELIEF DEVICES	BETTS #RVCST	25	1	2	3	4	5	Gasoline Delivery Tank Pressure Test - EPA Reference Method 27						
														TEST	START	END	MEASURE	START	END	AVERAGE RESULTS
														PRES. 1						
														PRES. 2						
														VAC. 1						
														VAC. 2						
														VR VENT 1						
														VR VENT 2						
														UPPER COUPLER ASSEMBLY						
														<input checked="" type="checkbox"/> EXAMINED IN PLACE NEW <input type="checkbox"/> REMOVED FOR EXAMINATION:						
DELIVERY HOSE/PIPING						THICKNESS (INCHES)						LEAKAGE TEST		PRESSURE TEST						
HOSE I.D. NO. <u>N/A</u> DATE OF ORIG. HOSE ASSEMBLY TEST _____						HEAD <u>0.128</u> MEG. <u>0.115</u>						FLUID USED <u>WATER</u>		<u>WATER</u>						
CONDITION OF HOSE ASSEMBLY & PIPING SYSTEM _____						SHELL TOP <u>0.128</u> <u>0.115</u>						PRESSURE <u>25</u>		<u>45</u>						
						SHELL SIDE <u>0.128</u> <u>0.115</u>						HOLDING TIME <u>5 min</u>		<u>10 min</u>						
						SHELL BOTTOM <u>0.128</u> <u>0.115</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

Explanation: 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) 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 TEST DATE STRESS RELIEVED AFTER REPAIR ASME OR NATIONAL BOARD NO. OF REPAIR FACILITY

CT-5931 2018-04 YES (Full Local) NO

TESTED BY (Person's Name) REPAIRED BY

COYETTE RAY WOOD

ADDRESS ADDRESS

18852

DATE

2018-04

RECORD OF ANNUAL INSPECTION

(49 CFR, 396. 17-23)

Prepare Separate Report for Each Vehicle Inspected

D3918884

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
CITY	STATE	ZIP	VEHICLE IDENTIFICATION (Company No., State Tag No. or VIN) 2TLSL4324KB000190		
INSPECTOR'S NAME (Please Print)				EMPLOYEE NO.	

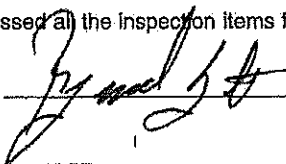
REPORT OF CONDITION (For Detailed Information on Inspection Procedures see FMCSR Section 396, Appendix G)

	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 ABS	✓		Lines			Other		
Compressor			TAPP	✓							
Parking Brakes			CAB/BODY			SUSPENSION			WHEELS/RIM		
Other			Access			Springs			Fasteners	✓	
			Eqpt./Load Secure			Attachments	✓		Disc/Spoke	✓	
COUPLERS			Tie-Downs			Sliders			500 LBS TORQ	✓	
Fifth-Wheel & Mount			Headerboard			AIR	✓		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



DATE

2018-03

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	0	3	8	54	6199	6225	6251
1	22	30	40	55	6302	6327	6352
2	61	73	85	56	6401	6426	6450
3	112	128	141	57	6497	6520	6543
4	172	188	204	58	6588	6610	6631
5	239	257	275	59	6674	6694	6715
6	313	333	353	60	6754	6774	6793
7	393	414	435	61	6829	6847	6861
8	479	501	523	62	6897	6913	6929
9	569	592	616	63	6958	6972	6985
10	664	688	713	64	7010	7022	7032
11	763	788	814	65	7051	7059	7068
12	865	892	918	66			
13	972	999	1026				
14	1081	1109	1137				
15	1194	1222	1251				
16	1309	1336	1368				
17	1427	1457	1487				
18	1548	1578	1609				
19	1670	1701	1732				
20	1795	1826	1858				
21	1921	1953	1985				
22	2050	2082	2114				
23	2179	2212	2245				
24	2311	2344	2377				
25	2443	2476	2510				
26	2577	2610	2644				
27	2711	2745	2779				
28	2846	2880	2914				
29	2982	3016	3051				
30	3119	3153	3187				
31	3255	3290	3324				
32	3393	3427	3462				
33	3530	3565	3599				
34	3668	3702	3736				
35	3805	3839	3874				
36	3942	3976	4010				
37	4079	4113	4147				
38	4215	4249	4282				
39	4350	4384	4417				
40	4485	4518	4552				
41	4618	4652	4685				
42	4751	4784	4817				
43	4882	4915	4947				
44	5012	5044	5077				
45	5141	5172	5204				
46	5267	5299	5330				
47	5392	5423	5454				
48	5515	5545	5576				
49	5636	5665	5695				
50	5754	5783	5812				
51	5870	5898	5926				
52	5982	6010	6038				
53	6092	6119	6146				
54							
55							
56							
57							
58							

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