

C.H. Bradshaw Co.  
2004 Hendrix Drive  
Grove City, Ohio 43123-1278  
DOT CT0097

(VKE) REVISION 10/10

Work Order # 087139

V   
K   
K-EPA 27

External Visual Inspection  
Leakage Test / Inspection  
Annual Certification Test  
Method 27 - 63.425 (e) (1) (2)

Customer SJA Transport, Inc  
Address 101 E. South St.  
C,S,Z Rockford, Ohio 45882

Owner Same

License Plate # TPA 7137

Owners Unit # 71

Serial # 4KLO08603

Trlr. Vin # (If Applicable) 1H4T04524KLO08603

D.O.T. Spec # mc 306AL

Original Test Date 1-89

Design or MAWP 3

Test Location (C.S.) Rockford, Ohio

Previous Test Dates

V 4-16

I 4-14

P 4-14

K -

K-EPA 27 4-16

Number of Compartments 4

Compartment Size: #1 3800 #2 1300 #3 2000 #4 2100 #5 X

Year Tank Mfg 1-89 Mfg. Name Fritchman Trailer Gallons 9200

Minimum Thickness Of Cargo Tank Shell n/a Heads n/a

Is Tank Lined? no Insulated? no

Is the unit used for transport of any material other than petroleum based products? no

External Visual Inspection 180.407 (d)

	Faulty	Okay
1.) External Inspection Of Tank Shell And Heads:		
A) Corroded or Abraded Areas (Rust)	_____	_____/
B) Dents or Punctures	_____	_____/
C) Distortion or Defects In Welds	_____	_____/
D) Thickness Testing Needed	_____	_____/
2.) External Inspection Of Piping, Valves, Gaskets:		
A) Corroded Areas	_____	_____/
B) Defects in Welds, Signs of Leakage	_____	_____/
C) Condition of delivery, vapor hoses	_____	_____/

	Faulty	Okay
3) External Inspection Of Manholes:		
A) Devices for tightening manhole covers operative	_____	_____ /
B) Evidence of leakage	_____	_____ /
C) Inspect and pressure test fill lids, normal vents	_____	_____ /
4) External Inspection Of Emergency Valves And Devices		
A) Emergency valves free from corrosion, erosion, distortion, or external damage that would prevent safe operation	_____	_____ /
B) Remote trip control in operation / activate	_____	_____ /
C) Leakage test seating disc in emergency valve	_____	_____ /
D) Self closing stop valves in operation - function	_____	_____ /
5) <u>Missing</u> bolts, nuts, and fusible links must be replaced and loose nuts - bolts tightened	_____	_____ /
6) All Required Marking On Tank Legible		
A) DOT spec. plate accessible / legible	_____	_____ /
B) Flammable placards legible (all 4-sides)	_____	_____ /
7) External Inspection Of All Major Appurtenances		
A) Fifth wheel plate, pins, bolts	_____	_____ /
B) Suspension, springs, hangers, etc.	_____	_____ /
C) Frame, cross members, gussets, etc.	_____	_____ /
8) Inspect all re-closing pressure relief valves	_____	_____ /
9) Lights, reflectors, wiring in good working order	_____	_____ /
10) Brakes in good working order	_____	_____ /
11) Air hoses above axles, chambers, chafed, or rotted	_____	_____ /
12) Air system have any leaks	_____	_____ /
13) Tank mounting bolts, boards, attachments in proper working order	_____	_____ /
14) Leakage test entire pump system(s)	<u>n/a</u>	<u>n/a</u>

Leakage Test 180.407 (h) Pneumatic

Each cargo tank with all valves and accessories in place or operative must be tested at not less than 80% of the tank design pressure or maximum allowable working pressure (MAWP) whichever is marked on the certification plate.

Compt.	#1	#2	#3	#4	#5	#6
Start Time	<u>6:51</u>	<u>7:02</u>	<u>6:54</u>	<u>7:05</u>		
Pressure	<u>2.4</u>	<u>2.4</u>	<u>2.4</u>	<u>2.4</u>		
Final Time	<u>6:56</u>	<u>7:07</u>	<u>6:59</u>	<u>7:10</u>		

Alternate EPA / Pressure Vacuum Test Method 27 / 40CFR63.425

Pressure Test = 18"

Test	1 Minute	2 Minutes	3 Minutes	4 Minutes	5 Minutes	Time
1	<u>17.8</u>	<u>17.7</u>	<u>17.6</u>	<u>17.5</u>	<u>17.5</u>	<u>7:12</u> <sup>AM</sup> Average <sub>PM</sub>
2	<u>17.8</u>	<u>17.7</u>	<u>17.6</u>	<u>17.6</u>	<u>17.5</u>	<u>17.5"</u>

Vacuum Test = -6.0"

Test	1 Minute	2 Minutes	3 Minutes	4 Minutes	5 Minutes	Time
1	<u>-5.9</u>	<u>-5.8</u>	<u>-5.8</u>	<u>-5.7</u>	<u>-5.7</u>	<u>7:27</u> <sup>AM</sup> Average <sub>PM</sub>
2	<u>-5.9</u>	<u>-5.9</u>	<u>-5.8</u>	<u>-5.7</u>	<u>-5.7</u>	<u>-5.7"</u>

Vapor Vent Test/Vapor Rail Pressure Test

Test 1	1 Minute	2 Minutes	3 Minutes	4 Minutes	5 Minutes	Time
	<u>0.3"</u>	<u>0.5"</u>	<u>0.8"</u>	<u>1.1"</u>	<u>1.4"</u>	<u>7:42</u> <sup>AM</sup> PM

Location of Defects Found and Method of Repair:

- 1.) \_\_\_\_\_
- 2.) \_\_\_\_\_
- 3.) \_\_\_\_\_
- 4.) \_\_\_\_\_
- 5.) \_\_\_\_\_

Attach Supplemental Sheets For Information Or Supporting Test Papers

Cargo Tank Meets The Requirements Of The DOT Specification

Identified On This Report Yes  No

Was The Tank Marked "V" Yes Month 4 Year 17  
 "K" Yes Month 4 Year 17  
 "K EPA" Yes Month 4 Year 17

I certify that the above inspections were conducted in accordance with 180.407.

Owner Acknowledgment Robert Belno Date 4-13-17

R/I, Manager's Acknowledgment Rouplinson Date 4-13-17

Inspected By Tim Buck Print Tim Buck Date 4-13-17