

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

(VKE) REVISION 10/10

Work Order # 092516

V  External Visual Inspection  
K  Leakage Test / Inspection  
K-EPA 27  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 # TRA 4540  
Owners Unit # 51  
Serial # 4MLO12604  
Trlr. Vin # (If Applicable) 1H4T04429MLO12604  
D.O.T. Spec # MC306AL  
Original Test Date 12-90  
Design or MAWP 3.3  
Test Location (C.S.) Rockford, Ohio

Previous Test Dates  
V 7-18  
I 7-17  
P 7-17  
K 7-18  
K-EPA 27 7-18  
Number of Compartments 4

Compartment Size: #1 3900 #2 1300 #3 2150 #4 2100 #5 x

Year Tank Mfg 12-90 Mfg. Name Fruehauf Trailer Gallons 9450

Minimum Thickness Of Cargo Tank Shell 1/4 Heads 1/4

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,<br>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<br>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<br>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>8:25</u> | <u>8:44</u> | <u>8:33</u> | <u>8:50</u> |    |    |
| Pressure   | <u>2.6</u>  | <u>2.6</u>  | <u>2.6</u>  | <u>2.6</u>  |    |    |
| Final Time | <u>8:30</u> | <u>8:49</u> | <u>8:38</u> | <u>8:55</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 <u>8:56</u> <sup>AM</sup><br>Average |
|------|-------------|-------------|-------------|-------------|-------------|---|
| 1    | <u>18.0</u> | <u>18.0</u> | <u>18.0</u> | <u>18.0</u> | <u>18.0</u> |   |
| 2    | <u>18.0</u> | <u>18.0</u> | <u>18.0</u> | <u>18.0</u> | <u>18.0</u> | <u>18.0"</u>                              |

Vacuum Test = -6.0"

| Test | 1 Minute    | 2 Minutes   | 3 Minutes   | 4 Minutes   | 5 Minutes   | Time <u>9:14</u> <sup>AM</sup><br>Average |
|------|-------------|-------------|-------------|-------------|-------------|---|
| 1    | <u>-5.9</u> | <u>-5.8</u> | <u>-5.7</u> | <u>-5.6</u> | <u>-5.5</u> |   |
| 2    | <u>-5.9</u> | <u>-5.8</u> | <u>-5.7</u> | <u>-5.7</u> | <u>-5.7</u> | <u>-5.6"</u>                              |

Vapor Vent Test/Vapor Rail Pressure Test

| Test 1 | 1 Minute    | 2 Minutes   | 3 Minutes   | 4 Minutes   | 5 Minutes   | Time <u>9:30</u> <sup>AM</sup> |
|--------|-------------|-------------|-------------|-------------|-------------|--------------------------------|
|        | <u>0.3"</u> | <u>0.7"</u> | <u>1.1"</u> | <u>1.5"</u> | <u>1.8"</u> |                                |

- Location of Defects Found and Method of Repair:
- 1.) Ⓟ Rear emergency shut off was seized, Lubricated! worked free. Ⓟ
  - 2.) Ⓟ Replaced missing button on #4 interlock valve. Ⓟ
  - 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 7 Year 19  
 "K" Yes Month 7 Year 19  
 "K EPA" Yes Month 7 Year 19

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

Owner Acknowledgment Robert Baber Date 7-2-19

R/I, Manager's Acknowledgment Rouphinson Date 7-2-19

Inspected By Tim Buck Print Tim Buck Date 7-2-19