



KIRBY INLAND MARINE, LP  
 MAINTENANCE DEPARTMENT  
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### VAPOR TIGHTNESS TEST

Note: Test Results are Valid for (1) One Year from Date of Test!

Vessel Name: Kirby 29145 Test Date: 03/25/2024  
 Testing Location: KCF Maximum Load Rate: (BPH) 5,000  
 Tanks Tested: All Pressure Indicator: Cert Gauge

#### TEST RESULTS

Test Duration: 30 Minutes Beginning Pressure: 28 Inches H2O  
 Ending Pressure: 28 Inches H2O  
 Total Pressure Loss: 0 Inches H2O  
 Allowable Pressure Loss: 2.31 Inches H2O

**Barge is Vapor Tight if "Total Pressure Loss" is LESS than "Allowable Pressure Loss"**  
 This vessel has been tested in accordance with Section 61.304F and has been found to be vapor tight.

Alexis Duvila  
 Tester: (Print)  
Alexis Duvila  
 Tester: (Signature)

Ulises Quedo  
 Witness: (Print)  
Ulises Quedo  
 Witness: (Signature)

Kirby Rep  
 Affiliation of Witness:

- |  |                                      |
|--|--------------------------------------|
| (P1) - Beginning Pressure                          | (P2) - Ending Pressure               |
| (Delta P) - Total Pressure Loss                    | (Delta PM) - Allowable Pressure Loss |
| (TP) - 14.7 <u>plus</u> Barge Test Pressure in PSI | (L) - Maximum Load Rate in BPH       |
| (V) - Volume of Tank (s)                           | (Delta T) = Test Duration            |
| .861 - PIA @ (P1)                                  |                                      |

$$.861 \times \frac{15.7}{(TP)} \times \left( \frac{5,000}{(L)} \right) \left( \frac{29,200}{(V)} \right) = \frac{2.31}{(Delta PM)}$$

WHITE COPY - VESSEL YELLOW COPY - BARGE DOCUMENT CONTROL COORDINATOR PINK COPY - BOOK COPY

Kirby Form #MR-06-02  
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