



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 29021 Test Date: 4/1/24  
 Testing Location: East S.J. Henna Maximum Load Rate: (BPH) 5000  
 Tanks Tested: All Pressure Indicator: Cent. 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: 2.3 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.

Stephen Collins  
 Tester: (Print)  
[Signature]  
 Tester: (Signature)

Roderick Hubert  
 Witness: (Print)  
[Signature]  
 Witness: (Signature)  
Kirby  
 Affiliation of Witness:

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

$$.861 \times \frac{15.7}{(TP)} \times \left( \frac{5000}{(L)} \div \frac{29400}{(V)} \right) = \frac{2.3}{(Delta PM)}$$

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

Kirby Form #MR-06-02  
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