



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 12325B Test Date: 1-13-2024  
 Testing Location: T.T. 237 Maximum Load Rate: (BPH) 3,500  
 Tanks Tested: All Pressure Indicator: Cart. 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: 3.95 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.

Matthew Paul  
 Tester: (Print)

Roderick Herbst  
 Witness: (Print)

Matthew Paul  
 Tester: (Signature)

[Signature]  
 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 plus Barge Test Pressure in PSI
- (L) - Maximum Load Rate in BPH
- (V) - Volume of Tank (s)
- (Delta T) = Test Duration
- .861 - PIA @ (P1)

$$.861 \times \frac{15.7}{(TP)} \times \left( \frac{3,500}{(L)} \div \frac{11,966}{(V)} \right) = \frac{3.95}{(\text{Delta PM})}$$