



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 30088 Test Date: 9-20-24  
 Testing Location: Channelview Fleet Maximum Load Rate: (BPH) 5,000  
 Tanks Tested: AK Pressure Indicator: cevl gauge

**TEST RESULTS**

Test Duration: 30 Minutes Beginning Pressure: 14 Inches H2O  
 Ending Pressure: 14 Inches H2O  
 Total Pressure Loss: 0 Inches H2O  
 Allowable Pressure Loss: 2.21 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.

Tall Williams  
 Tester: (Print)

Kenrick Borage  
 Witness: (Print)

Tall Williams  
 Tester: (Signature)

[Signature]  
 Witness: (Signature)

B.O.  
 Affiliation of Witness:

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

$$.861 \times \frac{15.2}{(TP)} \times \left( \frac{5,000}{(L)} \right) / \frac{29,600}{(V)} = \frac{2.21}{(\text{Delta PM})}$$