



KIRBY INLAND MARINE, LP  
 MAINTENANCE DEPARTMENT  
 18350 MARKET ST.  
 CHANNELVIEW, TX 77530

OFFICE (713) 435-1730

FAX (713) 435-1714

**VAPOR TIGHTNESS TEST**

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

Vessel Name: Kirby 27018 Test Date: 05-17-24  
 Testing Location: Fina Fleet Port Arthur Maximum Load Rate: (BPH) 5000  
 Tanks Tested: ALL Pressure Indicator: Cert Gauge

**TEST RESULTS**

Test Duration: 30 Minutes Beginning Pressure: 28 Inches H20  
 Ending Pressure: 28 Inches H20  
 Total Pressure Loss: 0 Inches H20  
 Allowable Pressure Loss: 2.39 Inches H20

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.

Freddie David  
 Tester: (Print)

Chase Williams  
 Witness: (Print)

Freddie Daw  
 Tester: (Signature)

Chase Williams  
 Witness: (Signature)

Rio  
 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

$$.861 \times \frac{15.7}{(TP)} \times \left( \frac{5000}{(L)} \div \frac{28198}{(V)} \right) = \frac{2.39}{(\text{Delta PM})}$$