



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 11347 Test Date: 08/08/24  
 Testing Location: 125. PORT ARTHUR Maximum Load Rate: (BPH) 3500  
 Tanks Tested: ALL Pressure Indicator: CERT. GAUGE

**TEST RESULTS**

Test Duration: 30 Minutes Beginning Pressure: 112" Inches H2O  
 Ending Pressure: 112" Inches H2O  
 Total Pressure Loss: -0- Inches H2O  
 Allowable Pressure Loss: 5.0 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.

Adria Torres  
 Tester: (Print)

[Signature]  
 Tester: (Signature)

Louis Russell  
 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)

$$.861 \times \frac{18.7}{(TP)} \times \left( \frac{3500}{(L)} \frac{1}{11270} \right) = \frac{5.0}{(\text{Delta PM})}$$