



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 28040 Test Date: 06/30/2020  
Testing Location: Channelview Fleet Maximum Load Rate: (BPH) 5000  
Tanks Tested: All Pressure Indicator: Cert gauge

### TEST RESULTS

Test Duration: 30 Minutes Beginning Pressure: 14 Inches H20  
Ending Pressure: 14 Inches H20  
Total Pressure Loss: 0 Inches H20  
Allowable Pressure Loss: 2.29 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.

David Warthen

Tester: (Print)

David Warthen

Tester: (Signature)

Michael Glover

Witness: (Print)

M. Glover

Witness: (Signature)

Kirby

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

$$\text{.861} \times \frac{15.7}{(\text{TP})} \times \frac{5000}{(\text{L})} / \frac{28500}{(\text{V})} = \frac{2.29}{(\Delta \text{PM})}$$