



KIRBY INLAND MARINE, LP  
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## VAPOR TIGHTNESS TEST

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

Vessel Name: Kirby 28043 Test Date: 4-3-20  
Testing Location: Southwest SY Maximum Load Rate: (BPH) 5,000  
Tanks Tested: All 6 Pressure Indicator: 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: 2.1 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.

Emmale Laward  
Tester: (Print)

Emmale Laward  
Tester: (Signature)

Randy Nelson  
Witness: (Print)

Randy Nelson  
Witness: (Signature)

Kirby MTR  
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)		

$$.861 \times \frac{15.7}{(TP)} \times \left( \frac{5,000}{(L)} \right) / \frac{31,660}{(V)} = \frac{2.1}{(\Delta PM)}$$