



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 28039 Test Date: 3/12/2020  
Testing Location: 122 Fleet Maximum Load Rate: (BPH) 5000  
Tanks Tested: A4 Pressure Indicator: Cert Gauge

### TEST RESULTS

Test Duration: 30 Minutes Beginning Pressure: 28 Inches H2O  
Ending Pressure: 28 Inches H2O  
Total Pressure Loss: 0 Inches H2O  
Allowable Pressure Loss: 2.56 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.

Scott F. Smith  
Tester: (Print)

Scott F. Smith  
Tester: (Signature)

Ryan Cook  
Witness: (Print)

Ryan Cook  
Witness: (Signature)

Rio Marhe  
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

$$.861 \times \frac{15.7}{(TP)} \times \left( \frac{5000}{(L)} \div \frac{311660}{(V)} \right) = \frac{2.56}{(\text{Delta PM})}$$

WHITE COPY - VESSEL YELLOW COPY - BARGE DOCUMENT CONTROL COORDINATOR PINK COPY - BOOK COPY

Kirby Form #MR-06-02  
Issued: 11/07/16