



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 10226 Test Date: 9-17-24  
 Testing Location: YLS Marine Maximum Load Rate: (BPH) 3500  
 Tanks Tested: All Pressure Indicator: Cert Gauge

### TEST RESULTS

Test Duration: 30 Minutes Beginning Pressure: 56 Inches H2O  
 Ending Pressure: 56 Inches H2O  
 Total Pressure Loss: 0 Inches H2O  
 Allowable Pressure Loss: 4.88 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.

Randy Brock  
 Tester: (Print)  
[Signature]  
 Tester: (Signature)

Jeremy Ashworth  
 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)

$$.861 \times \frac{16.7}{(TP)} \times \left( \frac{3500}{(L)} - \frac{10300}{(V)} \right) = \frac{4.88}{(Delta PM)}$$

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