



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: FDI 2975 Test Date: 6-25-24  
 Testing Location: COUPOUS terminal Maximum Load Rate: (BPH) 5,000  
 Tanks Tested: All 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: 2.29 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.

Richard Rodriguez  
 Tester: (Print)

Fli Flores  
 Witness: (Print)

Richard Rodriguez  
 Tester: (Signature)

Fli Flores  
 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

$$.861 \times \frac{15.7}{(TP)} \times \left( \frac{5,000}{(L)} \right)^{\frac{1}{(V)}} = \frac{2.29}{(\text{Delta PM})}$$



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## BARGE PIPING TEST LETTER

**INSTRUCTIONS:** FILL OUT COMPLETELY. WRITE "N/A" ON ANY NON-APPLICABLE LINE.

BARGE NAME/NUMBER:

FBL 2975

Last Hydro Test Date (1.5 times) 6-29-23  
(USCG Required at COI Inspection and USCG Periodic)

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

Letter of Expiration Date (One year from Test):

6-25-25

1. Cargo Piping and Valves (Date of Test):

6-25-24

Annual Hydro Test Pressure:

100 PST

2. Cargo Relief Valve Lift Test (Date of Test):

6-29-23

3. Cargo Pressure Gauge (Date of Test):

6-25-24

Annual Percent of Accuracy (%):

98%

4. Steam Piping Test Pressure:

N/A

5. Steam Relief Valve (Date of Test):

N/A

Signature:

Richard Rodriguez

**DISTRIBUTION:** Place original as last page of "USCG Papers folder" located in barge document mailbox.

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

KIRBY FORM MR-05-03  
ISSUED 07/10/18