



KIRBY INLAND MARINE, LP
MAINTENANCE DEPARTMENT
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VAPOR TIGHTNESS TEST

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

Vessel Name: HFL 404 Test Date: 10-14-24
Testing Location: Channelview Fleet Maximum Load Rate: (BPH) 5,000
Tanks Tested: All Pressure Indicator: Cert. Gauge

TEST RESULTS

Test Duration: 30 Minutes Beginning Pressure: 14 Inches H2O
Ending Pressure: 14 Inches H2O
Total Pressure Loss: 0 Inches H2O
Allowable Pressure Loss: 2.22 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.

Jakob Williams
Tester: (Print)

Cody Kendall
Witness: (Print)

Jacob Williams
Tester: (Signature)

[Signature]
Witness: (Signature)

Rio Marine
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)

$$.861 \times \frac{15.2}{(TP)} \times \left(\frac{5,000}{(L)} \div \frac{29,403}{(V)} \right) = \frac{2.22}{(\text{Delta PM})}$$

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

Kirby Form #MR-06-02
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