



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: Kirby 10043 Test Date: 12-6-2023
 Testing Location: IMO Lemont Maximum Load Rate: (BPH) 3500
 Tanks Tested: all 3 Pressure Indicator: Certified 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: 4.43 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.

Xon Butcher
 Tester: (Print)

JEFF S. BROMBEREK
 Witness: (Print)

Xon Butcher
 Tester: (Signature)

Jeff S. BromberEK
 Witness: (Signature)

IMO
 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

$$.861 \times \frac{15.7}{(TP)} \times \left(\frac{3500}{(L)} \right) / \frac{10667}{(V)} = \frac{4.43}{(\text{Delta PM})}$$

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