



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!

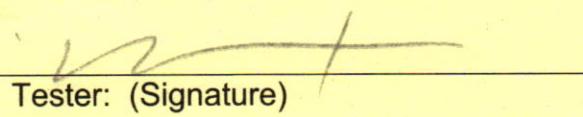
Vessel Name: Kirby 28041 Test Date: 1-25-20
Testing Location: Stettigic FIPPL Maximum Load Rate: (BPH) 5000
Tanks Tested: 6 Pressure Indicator: Cert Gauge

TEST RESULTS

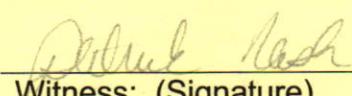
Test Duration: 30 Minutes Beginning Pressure: 28 Inches H20
Ending Pressure: 28 Inches H20
Total Pressure Loss: 0 Inches H20
Allowable Pressure Loss: 2.1 Inches H20

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.

Ben Mayeaux
Tester: (Print)


Tester: (Signature)

Patrick Nash
Witness: (Print)


Witness: (Signature)

Bart Tankerman
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)

$$.861 \times \frac{15.7}{(TP)} \times \left(\frac{5000}{(L)} \right) \left(\frac{1}{31660} \right) = \frac{2.1}{(Delta PM)}$$