



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 28011 Test Date: 5-6-20
Testing Location: 231 Fleet + BRL Maximum Load Rate: (BPH) 5000
Tanks Tested: All Pressure Indicator: Gauge

TEST RESULTS

Test Duration: 30 Minutes Beginning Pressure: 28 Inches H20
Ending Pressure: 27.5 Inches H20
Total Pressure Loss: .5 Inches H20
Allowable Pressure Loss: 2.3 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.

Stephen Collins
Tester: (Print)
Stephen Collins
Tester: (Signature)
Josh Ruiz
Witness: (Print)
[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 x 15.7 x (5000 / 29600) = 2.3
(TP) (L) (V) (Delta PM)