



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 29307 Test Date: 6/29/2016
Testing Location: SW54 - Channelview Maximum Load Rate: (BPH) 5000
Tanks Tested: all cargo tanks Pressure Indicator: cent. gauge

TEST RESULTS

Test Duration: 30 Minutes Beginning Pressure: 28 Inches H2O
Ending Pressure: 27.5 Inches H2O
Total Pressure Loss: .5 Inches H2O
Allowable Pressure Loss: 2.3 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.

Tester: (Print) FOLARDO BAZAN

Witness: (Print) SERGIO IBARRA

Tester: (Signature) [Signature]

Witness: (Signature) [Signature]

Affiliation of Witness: Kirby

(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 / 29200) = 2.31
(TP) (L) (V) (Delta PM)