



WESTPORT ORANGE SHIPYARD LLC.

VAPOR TIGHTNESS TEST

Note: Test Result are valid for (1) one year from date of test

Vessel Name: GBL 3830 Test Date: 12/4/2018
 Testing Location: WESTPORT ORANGE SY Maximum Load Rate: (BPH) 6,250
 Tanks Tested: #1, #2, #3 PORT & STARBOARD Pressure Indicator: MANOMETER

TEST RESULTS

Test Duration: 30 minutes Beginning Pressure: 28 Inches H2O
 Ending Pressure: 27.7 Inches H2O
 Total Pressure Loss: 0.3 Inches H2O
 Allowable Pressure Loss: 2.82 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.

WILLARD SWORDS

Tester (Print)

Tester (Signature)

GEORGE SMITH

Witness: (Print)

Witness: (Signature)

WESTPORT ORANGE SHIPYARD

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)

0.861 - PIA @ (P1)

(P2) - Ending Pressure

(Delta PM) - Allowable Pressure Loss

(L) - Maximum Load Rate in BPH

(Delta T) = Test Duration

$$0.861 \times \frac{15.7}{(TP)} \times \left(\frac{6,250}{(L)} \right) / \frac{30,000}{(V)} = \frac{2.82}{(\text{Delta PM})}$$