



WESTPORT ORANGE SHIPYARD LLC.

VAPOR TIGHTNESS TEST

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

Vessel Name: GBC 2930

Test Date: 8/10/17

Testing Location: WESTPORT

Maximum Load Rate: (BPH) 5000

Tanks Tested: 1, 2, 3 P+S

Pressure Indicator: MANUATOR

TEST RESULTS

Test Duration: 30 minutes	Beginning Pressure:	<u>28.0</u>	Inches H2O
	Ending Pressure:	<u>27.8</u>	Inches H2O
	Total Pressure Loss:	<u>0.2</u>	Inches H2O
	Allowable Pressure Loss:	<u>2.37</u>	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.

Cameron Navette
Tester (Print)

[Signature]
Tester (Signature)

Tony Sandoval
Witness: (Print)

[Signature]
Witness: (Signature)

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

0.861 - PIA @ (P1)

$$0.861 \times \frac{18.7}{(TP)} \times \left(\frac{4845}{(L)} \right) / \frac{30}{(V)} = \frac{2.37}{(\text{Delta PM})}$$



BARGE PIPING TEST LETTER

INSTRUCTIONS: FILL OUT COMPLETELY. WRITE "N/A" ON ANY NON-APPLICABLE LINE.

BARGE NAME / NUMBER:

GBL 2930

Last Hydro Test Date (188 PSI)

(USCG Required Twice a year in five years)

Note: Test Results are valid for (1) One year from date of test!

Letter of Expiration Date (one year from test):

8/11/18

1. Cargo Piping and Vales (One year from test):

8/11/18

Annual Test Pressure (125 psi):

125 PSI

2. Cargo Relief Valve (Date of test):

8/11/17

Annual Test Pressure (125 psi):

125 PSI

3. Cargo Pressure Gauge (Date of test):

8/11/17

Annual percent of Accuracy (%):

98%

4. Steam Piping and Relief Valves (Date of test):

Annual Test Pressure (125 psi):

Signature:

