



VAPOR TIGHTNESS TEST

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

Vessel Name: SMI 30023 Test Date: 7/27/16
 Testing Location: WESTPORT Maximum Load Rate: (BPH) 5000
 Tanks Tested: C, 213 P+5 Pressure Indicator: MANOMETER

TEST RESULTS

Test Duration: 30 minutes Beginning Pressure: 28.0 Inches H2O
 Ending Pressure: 27.9 Inches H2O
 Total Pressure Loss: 0.1 Inches H2O
 Allowable Pressure Loss: 2.26 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 Newett

[Signature]
Tester (Signature)

Tony Saldouf

[Signature]
Witness: (Print)
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)

$$0.861 \times \frac{15.7}{(TP)} \times (5000) = \frac{32,000}{(V)} = 2.26 \text{ (Delta PM)}$$



BARGE PIPING TEST LETTER

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

BARGE NAME / NUMBER: SMI 30023

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): 7/27/17

1. Cargo Piping and Vales (One year from test): 7/27/17

Annual Test Pressure (125 psi): 188 PSI

2. Cargo Relief Valve (Date of test): 7/27/16

Annual Test Pressure (125 psi): 125 PSI

3. Cargo Pressure Gauge (Date of test): 7/27/16

Annual percent of Accuracy (%): 98%

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

Annual Test Pressure (125 psi): N/A

Signature: _____