



TRINITY INDUSTRIES, INC.  
BUSINESS UNIT # 296

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Revised By: Howard Abell

Approved By: Howard Abell

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TITLE: Vapor Tightness Test Report

**VAPOR TIGHTNESS TEST REPORT**

Note: Test Results are Valid for (1) One Year from Date of Test!

Vessel Name:	<u>GBL6330</u>	Test Date:	<u>9/25/2019</u>
Testing Location:	<u>Ashland City, TN #296</u>	Maximum Load Rate: (BPH)	<u>5000</u>
Tanks Tested:	<u>All Cargo Tanks</u>	Pressure Indicator	<u>MANOMETER</u>

**TEST RESULTS**

Test Duration: 30 Minutes	Beginning Pressure	<u>87 1/4"</u>	Inches H2O
	Ending Pressure	<u>86 3/4"</u>	Inches H2O
	Total Pressure Loss	<u>1/2"</u>	Inches H2O
	Allowable Pressure Loss	<u>2.5881</u>	Inches H2O

**Barge is Vapor Tight if "Total Pressure Loss" is LESS than "Allowable Pressure Loss"**

- |   |                                      |
|---|--------------------------------------|
| (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) - Volumn of Tank (s)                    | (Delta T) = Test Duration            |
| .861 - PIA @ (P1)                           |                                      |

$$.861 \times \frac{17.7}{(TP)} \times \frac{5000}{(L)} \div \frac{29,442.07}{(V)} = \frac{2.5881}{(Delta PM)}$$

This vessel has been tested in accordance with Section 61.304F and has been found to be vapor tight.

Ammar Malik 9/25/19  
Signature of Trinity Marine Tester DATE  
AMMAR MALIK 9/25/19  
PRINT Name of Trinity Marine Tester

Gerald Brown 9/25/19  
Signature of Trinity Marine Witness DATE  
Gerald Brown  
PRINT Name of Trinity Marine Witness