

ARCOSA MARINE

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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>GBL 6530</u>	Test Date:	<u>6/29/2020</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>81 1/4"</u>	Inches H2O
	Ending Pressure	<u>80 1/2"</u>	Inches H2O
	Total Pressure Loss	<u>3/4"</u>	Inches H2O
	Allowable Pressure Loss	<u>2.5819</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) | |

$$.861 \times \frac{17.7}{(TP)} \times \frac{5000}{(L)} \div \frac{29,512.12}{(V)} = \frac{2.5819}{(Delta PM)}$$

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

AnMAR Maliky 6/29/20
Signature of Arcosa Marine Tester DATE
AnMAR Maliky 6/29/20
PRINT Name of Arcosa Marine Tester

Rickey Calhoun # 6/29/20
Signature of Arcosa Marine Witness DATE
RICKY CALHOUN #
PRINT Name of Arcosa Marine Witness