



ARCOSA MARINE PRODUCTS, INC.

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DOCUMENT: Controlled Form List
TITLE: Vapor Tightness Test Report

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Approved By: Rickey Calhoun

VAPOR TIGHTNESS TEST REPORT

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

Vessel Name:	HFL 230 SS	Test Date:	3/10/2025
Testing Location:	Ashland City, TN #296	Maximum Load Rate: (BPH)	500
Tanks Tested:	All Cargo Tanks	Pressure Indicator	MANOMETER

TEST RESULTS

Test Duration: 30 Minutes	Beginning Pressure	<u>174"</u>	Inches H2O
	Ending Pressure	<u>173 1/2"</u>	Inches H2O
	Total Pressure Loss	<u>1/2"</u>	Inches H2O
	Allowable Pressure Loss	<u>8.1856</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)		

$$\frac{.861 \times \frac{20.7}{(TP)} \times \frac{5000}{(L)}}{10,886.57} = \frac{8.1856}{(Delta PM)}$$

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

ANMAR MALIKY

Signature of Arcosa Marine Tester

ANMAR MALIKY

PRINT Name of Arcosa Marine Tester

3/10/25

DATE

Gerald Brown

Signature of Arcosa Marine Witness

Gerald Brown

PRINT Name of Arcosa Marine Witness

3/10/25

DATE