ARCOSA MARINE
CARUTHERSVILLE, MO 63830
PLANT #75

HUCK FINN 75422.

CARGO HEADER AND MISCELLANEAUS TEST REPORT

E2ms107
Year: 2019
Hull Number: 6082-6
Official Number: 1294679

Cargo Header
A. Date of Pipeline Test: 8-8-19
B. Test Pressure 1 ½ * mawp (187.5 PSIG)
C. Method of Test (Air, Hydro, Nitrogen): Air, Hydro

Miscellaneous test		
Cargo relief pop off	**125**	**PSIG**
Fuel oil pipe	**50**	**PSI**
Pump well	**15**	**PSI**
Fuel oil tank	**5**	**PSI**
Cargo Pressure Gauge	**90**	**PSIG**
Steam Piping	**N/A**	

Test Witnessed by U.S.C.G.
Test Was Satisfactory.

Quality Control Signature: _____
Date: 8-8-19

Cargo piping and test report
Reference 33cfr 156.170.

ARCOSA MARINE

BUSINESS UNIT # 75

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VAPOR TIGHTNESS TEST

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

Vessel Name:	E2MS107	Test Date:	8/8/2019
Testing Location:	PLANT 1075	Maximum Load Rate: (BPH)	3500
Tanks Tested:	CARGO/VAPOR	Pressure Indicator	H20 MEASUREMENT

TEST RESULTS

Test Duration: 30 Minutes

Beginning Pressure	**55 7/16**	Inches H20
Ending Pressure	**55 7/16**	Inches H20
Total Pressure Loss	**0**	Inches H20
Allowable Pressure Loss	**4.7526**	Inches H20

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.

Signature of Tester

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

.861 x **17.2** (TP) x **3500** (L) / **10906** (V)) = **4.7526** (Delta PM)