

FMT

Florida Marine Transporters, Inc.

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MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

REQUIRED SUPPORT BY NATIONAL EMISSION STANDARDS FOR BENZENE EMISSIONS FROM TRANSFER OPERATIONS SECTION 61.00-61.306

VESSEL: FMT 6000 OFFICIAL NUMBER: 1251824
TESTING LOCATION: FMT Shipyard MAXIMUM LOADING RATE (BPH): 5,000
TANK(S) TESTED: All PRESSURE INDICATOR: Regulator
VESSEL OWNER AND ADDRESS: FMT Industries LLC 2360 5th St.
Mandeville, LA 70471

TEST RESULTS

TEST DATE: 8-9-24
BEGINNING PRESSURE: 28" of H₂O BEGINNING TIME: 1100
ENDING PRESSURE: 28" of H₂O ENDING TIME: 1200
TOTAL PRESSURE LOSS: 0 ALLOWABLE PRESSURE LOSS: 2.2" of H₂O

NOTE: VESSEL IS CONSIDERED VAPOR TIGHT IF TOTAL PRESSURE LOSS IS LESS THAN ALLOWABLE PRESSURE LOSS.

THIS VESSEL HAS BEEN TESTED IN ACCORDANCE WITH SECTION 61.304E, AND IS CONSIDERED VAPOR TIGHT.

TESTER: [Signature] (PRINT) WITNESS: Adam Brand (PRINT)
TESTER: [Signature] (SIGN) WITNESS: [Signature] (SIGN)

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APPROVAL OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.861 \times \frac{18.7}{(TP)} \times \left(\frac{5,000}{(L)} \div \frac{39.706}{(V)} \right) = \frac{2.2}{(APL)}$$

TP = 14.7 PLUS THE BARGE TEST PRESSURE IN PSI (1psi = 2.033 inches)

L = MAXIMUM LOADING RATE IN BARRELS PER HOUR

V = VOLUME OF TANK(S) IN BARRELS

APL = ALLOWABLE PRESSURE LOSS IN INCHES OF WATER

NOTES:

14.70psi = 406.5 inches of H₂O

1psi = 2.033 inches of H₂O

1 inch = 25.4 mm

1 inch = 2.54 cm

1oz. = 1.728 inches OF H₂O