

# FMT

Florida Marine Transporters, Inc.

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## HOSE AND PIPELINE TESTS

VESSEL: FMT 3186

THE FOLLOWING ITEMS HAVE BEEN CHECKED AND TESTED IN ACCORDANCE WITH  
46CFR 35.35-70 AND 33CFR 156.170 ON 2-6-24.

<u>✓</u>	PRESSURE GAUGES HAVE BEEN CHECKED WITHIN 10% OF ACCURACY.
<u>✓</u>	EMERGENCY SHUTDOWN HAS BEEN CHECKED AND FOUND OPERABLE.
<u>✓</u>	TRANSFER SYSTEM RELIEF VALVE HAS BEEN TESTED AND CHECKED - 125 P.S.I.
<u>✓</u>	ALL TRANSFER PIPING SYSTEMS AND ASSOCIATED VALVES HAVE BEEN TESTED AND CHECKED AT 187.5 P.S.I.
<u>N/A</u>	CARGO HOSE VISUALLY AND HYDROSTATICALLY CHECKED TO 225 P.S.I.

THE ABOVE ITEMS CHECKED, TESTED AND VERIFIED BY:



MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

REQUIRED SUBPART BB-NATIONAL EMISSION STANDARDS FOR BENZENE EMISSIONS FROM TRANSFER OPERATIONS SECTION 61.00-61.306

VESSEL: FMT 3186 OFFICIAL NUMBER: 1186297  
TESTING LOCATION: ACR FLT 315 OH. MAXIMUM LOADING RATE (BPH) 5,000  
TANK(S) TESTED: All PRESSURE INDICATOR: MANOMETER  
VESSEL OWNER AND ADDRESS: FLORIDA MARINE 2360 FIFTH ST. MANDEVILLE

TEST RESULTS

TEST DATE: 2-6-24  
BEGINNING PRESSURE: 28" OF H2O BEGINNING TIME: 1100  
ENDING PRESSURE: 28" OF H2O ENDING TIME: 1130  
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 61.304F, AND IS CONSIDERED VAPOR TIGHT.

TESTER: D. J. COIN (PRINT) WITNESS: JARROD COIN (PRINT)  
TESTER: [Signature] (SIGN) WITNESS: [Signature] (SIGN)  
AFFILIATION OF WITNESS: FMT

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.861 \times \frac{15.7}{(TP)} \times \left( \frac{5,000}{(L)} \div \frac{30,706}{(V)} \right) = \frac{2.2}{(APL)}$$

TP = 14.7 PLUS THE BARGE TEST PRESSURE IN PSI (1psi = 16 ounces)  
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 = 406.8 inches of H2O  
1psi = 27.67 inches of H2O  
1 inch = 25.40 mm  
1 inch = 2.54 cm  
1 oz. = 1.729 inches OF H2O