

# FMT

Florida Marine Transporters, Inc.

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## HOSE AND PIPELINE TESTS

VESSEL: MP4 414

THE FOLLOWING ITEMS HAVE BEEN CHECKED AND TESTED IN ACCORDANCE WITH  
46CFR 35.35-70 AND 33CFR 156.170 ON 8-5-23.

✓ PRESSURE GAUGES HAVE BEEN CHECKED  
WITHIN 10% OF ACCURACY.

✓ EMERGENCY SHUTDOWN HAS BEEN CHECKED  
AND FOUND OPERABLE.

✓ TRANSFER SYSTEM RELIEF VALVE HAS BEEN  
TESTED AND CHECKED - 125 P.S.I.

✓ ALL TRANSFER PIPING SYSTEMS AND  
ASSOCIATED VALVES HAVE BEEN TESTED  
AND CHECKED AT 187.5 P.S.I.

N/A CARGO HOSE VISUALLY AND  
HYDROSTATICALLY CHECKED TO 225 P.S.I.

THE ABOVE ITEMS CHECKED, TESTED AND VERIFIED BY:

PJ /

MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

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

VESSEL: MPX 414 OFFICIAL NUMBER: 131 0704  
TESTING LOCATION: 191 FLT. 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: 8-5-23  
BEGINNING PRESSURE: 28" OF H<sub>2</sub>O BEGINNING TIME: 1400  
ENDING PRESSURE: 28" OF H<sub>2</sub>O ENDING TIME: 1430  
TOTAL PRESSURE LOSS: 0 ALLOWABLE PRESSURE LOSS: 2.2" OF H<sub>2</sub>O

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: ROY HUVAL (PRINT) WITNESS: Chad Tolliver (PRINT)  
TESTER: [Signature] (SIGN) WITNESS: [Signature] (SIGN)  
FMT  
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

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

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 H<sub>2</sub>O  
1psi = 27.67 inches of H<sub>2</sub>O  
1 inch = 25.40 mm  
1 inch = 2.54 cm  
1 oz. = 1.729 inches OF H<sub>2</sub>O