

# FMT

Florida Marine Transporters, Inc.

2360 Fifth Street  
Mandeville, LA 70471  
(985) 629-2082 Phone  
(985) 629-2110 Fax

## HOSE AND PIPELINE TESTS

VESSEL: MPX 412

THE FOLLOWING ITEMS HAVE BEEN CHECKED AND TESTED IN ACCORDANCE WITH  
46CFR 35.35-70 AND 33CFR 156.170 ON 12-9-24

✓

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:

*D. Charles L. ...*

2360 Fifth Street  
Mandeville, LA 70471  
Phone (985) 629-2082 Fax (985) 629-2120

Florida Marine  
Transporters Inc.

MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

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

VESSEL: MPX 412 OFFICIAL NUMBER: 1310702  
TESTING LOCATION: LYDIA ANN. CH. FLT MAXIMUM LOADING RATE (BPH) 5,000  
TANK(S) TESTED: ALL PRESSURE INDICATOR: MANNOMETER  
VESSEL OWNER AND ADDRESS: FLORIDA MARINE 2360 FIFTH ST. MANDRILL

TEST RESULTS

TEST DATE: 12-9-24  
BEGINNING PRESSURE: 28" OF H<sub>2</sub>O BEGINNING TIME: 1500  
ENDING PRESSURE: 28" OF H<sub>2</sub>O ENDING TIME: 1530  
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: D'ANDRE FORWARD (PRINT) WITNESS: ERIC BRUMFIELD (PRINT)  
TESTER: [Signature] (SIGN) WITNESS: Eric Brumfield (SIGN)  
FMT  
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

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

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 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  
1oz. = 1.729 inches OF H<sub>2</sub>O