

# FMT

Florida Marine Transporters, Inc.

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## HOSE AND PIPELINE TESTS

VESSEL: HFL 2045

THE FOLLOWING ITEMS HAVE BEEN CHECKED AND TESTED IN ACCORDANCE WITH 46  
CFR 35.35-70 AND 33 CFR 156.170 ON 1-25-24

✓  
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.

✓  
VAPOR PIPELINE HAS BEEN VISUALLY  
CHECKED AND IS CLEAR OF POLMERIZING  
CARGO.

THE ABOVE ITEMS CHECKED, TESTED, AND VERIFIED BY:

[Signature]

MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

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

VESSEL: HFL 2045 OFFICIAL NUMBER: 1291095  
TESTING LOCATION: FMT shipyard MAXIMUM LOADING RATE (BPH) 4,285  
TANK(S) TESTED: All PRESSURE INDICATOR: MANOMETER  
VESSEL OWNER AND ADDRESS: Itines Furlong Line Inc 4015 Hillsboro Pike Ste 202  
Nashville, TN 37215

TEST RESULTS

TEST DATE: 1-25-24  
BEGINNING PRESSURE: 28" of H<sub>2</sub>O BEGINNING TIME: 0800  
ENDING PRESSURE: 28" of H<sub>2</sub>O ENDING TIME: 0900  
TOTAL PRESSURE LOSS: 0 ALLOWABLE PRESSURE LOSS: 5.2 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: [Signature] (PRINT) WITNESS: Adam Bravd (PRINT)  
TESTER: [Signature] (SIGN) WITNESS: [Signature] (SIGN)  
FMT  
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.861 \times \frac{15.7}{(TP)} \times \left( \frac{4,285}{(L)} \right) \left( \frac{11,066}{(V)} \right) = \frac{5.2}{(APL)}$$

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

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