

FMT

Florida Marine Transporters, Inc.

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HOSE AND PIPELINE TESTS

VESSEL: FMT 1096

THE FOLLOWING ITEMS HAVE BEEN CHECKED AND TESTED IN ACCORDANCE WITH 46
CFR 35.35-70 AND 33 CFR 156.170 ON 2-9-24

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

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 1096 OFFICIAL NUMBER: 1290935
TESTING LOCATION: FMT Shipyard MAXIMUM LOADING RATE (BPH) 4,285
TANK(S) TESTED: All PRESSURE INDICATOR: MANOMETER
VESSEL OWNER AND ADDRESS: FLORIDA MARINE 2360 FIFTH ST- MANDEVILLE LA

TEST RESULTS

TEST DATE: 2-9-24
BEGINNING PRESSURE: 28" of H₂O BEGINNING TIME: 8:00
ENDING PRESSURE: 28" of H₂O ENDING TIME: 9:00
TOTAL PRESSURE LOSS: 0 ALLOWABLE PRESSURE LOSS: 4.90 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: [Signature] (PRINT) WITNESS: Adam Bravd (PRINT)
TESTER: [Signature] (SIGN) WITNESS: [Signature] (SIGN)
FMT
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.861 \times \frac{14.7}{(TP)} \times \left(\frac{4,285}{(L)} \div \frac{11,066}{(V)} \right) = \frac{4.90}{(APL)}$$

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
1oz. = 1.729 inches OF H₂O