

FMT

Florida Marine Transporters, Inc.

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

HOSE AND PIPELINE TESTS

VESSEL: FMT 502

THE FOLLOWING ITEMS HAVE BEEN CHECKED AND TESTED IN ACCORDANCE WITH 46
CFR 35.35-70 AND 33 CFR 156.170 ON 11/18/24

- 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:



FMT

Florida Marine Transport, Inc.

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

MARINE VESSEL'S VAPOR TIGHTNESS DOCUMENTATION

REQUIRED SUBPART OF NATIONAL EMISSION STANDARDS FOR MARINE ENGINES FROM TRANSFER OPERATIONS SECTION 61.50-61.506

VESSEL: FMT 502

OFFICIAL NUMBER: 1183539

TESTING LOCATION: FMT Shipyard

MAXIMUM LOADING RATE (GPH): 5,000

TANK(S) TESTED: All

PRESSURE INDICATOR: Pressure

VESSEL OWNER AND ADDRESS: St. Tammany Parish Development District
21489 Koop Drive suite 7
Mandeville, LA 70471

TEST DATE: 11/18/24

TEST RESULTS

INDICATING TANK: 25" of H₂O

INDICATING TIME: 0800

INDICATING TANK: 25" of H₂O

INDICATING TIME: 0900

TOTAL PENNING LOSS: 0

ALLOWABLE PENNING LOSS: 2.2" of H₂O

THIS VESSEL HAS BEEN TESTED IN ACCORDANCE WITH SECTION 61.506, AND IS CONSIDERED VAPOR TIGHT.

TESTED: [Signature] (PRINT)

TESTED: Adam Brand (PRINT)

TESTED: [Signature] (PRINT)

TESTED: [Signature] (PRINT)

FMT

CALCULATION OF ALLOWABLE PENNING LOSS:

$$0.001 \times \frac{15.7}{(1)} \times \left(\frac{5000}{(2)} \right) \times \frac{25}{(3)} = 0.001 \times 15.7 \times 100 = 1.57$$

IP = 14.7 INCHES OF H₂O
L = MAXIMUM LOADING RATE IN GALLONS PER HOUR
V = VOLUME OF TANK IN GALLONS
APE = ALLOWABLE PENNING LOSS IN INCHES OF WATER

- 14.70psi = 49.2 inches of H₂O
- 1psi = 2.31 inches of H₂O
- 1 inch = 25.4 mm
- 1 inch = 2.54 cm
- 1cc = 1.38 inches of H₂O