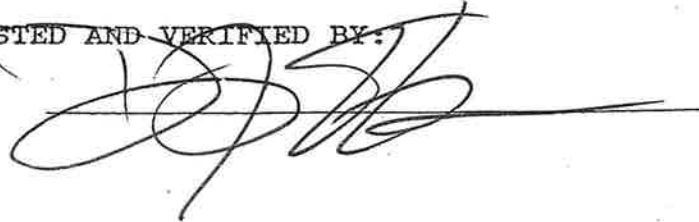# FMT

Florida Marine Transporters, Inc.

HOSE AND PIPELINE TESTS

VESSEL: _FMT 1414_

THE FOLLOWING ITEMS HAVE BEEN CHECKED AND TESTED IN ACCORDANCE WITH 46CFR 35.35-70 AND 33CFR 156.170 ON _12-20-23_.

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

✓ EMERGENCY SHUTDOWN HAS BEEN CHECKED AND FOUND OPERABLE.

✓ TRASFER 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:

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: _FMT 1414_   OFFICIAL NUMBER: _1299467_

TESTING LOCATION: _CAPE FLT._   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: _12-20-23_

BEGINNING PRESSURE: _28" of H2O_   BEGINNING TIME: _1100_

ENDING PRESSURE: _28" of H2O_   ENDING TIME: _1130_

TOTAL PRESSURE LOSS: _0_   ALLOWABLE PRESSURE LOSS: _5.2 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: _D.J. GOIN_ (PRINT)   WITNESS: _JARROD GOIN_ (PRINT)

TESTER: _[signature]_ (SIGN)   WITNESS: _[signature]_ (SIGN)

FMT

AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.861 \times \underset{\text{(TP)}}{15.7} \times (\underset{\text{(L)}}{4,285} / \underset{\text{(V)}}{11,066}) = \underset{\text{(APL)}}{5.2}$$

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