

MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

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

VESSEL: FMT 1070 OFFICIAL NUMBER: 1274384
TESTING LOCATION: FMT shipyard MAXIMUM LOADING RATE (BPH) 4,285
TANK(S) TESTED: All PRESSURE INDICATOR: MANOMETER
VESSEL OWNER AND ADDRESS: _____

TEST RESULTS

TEST DATE: 11/21/23
BEGINNING PRESSURE: 28" of H₂O BEGINNING TIME: 1300
ENDING PRESSURE: 28" of H₂O ENDING TIME: 1400
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 61.304E, AND IS
CONSIDERED VAPOR TIGHT.

TESTER: Dixi Zelaya (PRINT) WITNESS: Adam Brant (PRINT)
TESTER: DZ (SIGN) WITNESS: [Signature] (SIGN)
FMT
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

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

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

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 1070

THE FOLLOWING ITEMS HAVE BEEN CHECKED AND TESTED IN ACCORDANCE WITH 46
CFR 35.35-70 AND 33 CFR 156.170 ON 11/21/23

- 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:

