

2360 Fifth Street
Mandeville, LA 70471
Phone (985) 629-2082 Fax (985) 629-2120

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 3146 OFFICIAL NUMBER: 116 3 394
TESTING LOCATION: LYDIA ANN FCI. MAXIMUM LOADING RATE (BPH) 4285
TANK(S) TESTED: ALL PRESSURE INDICATOR: MANOMETER
VESSEL OWNER AND ADDRESS: FLORIDA MARINE

TEST RESULTS

TEST DATE: 3-2-24
BEGINNING PRESSURE: 28" OF H₂O BEGINNING TIME: 1230
ENDING PRESSURE: 28" OF H₂O ENDING TIME: 1300
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'ANDRE FORWARD (PRINT) WITNESS: LEE CHAMPAGNE (PRINT)
TESTER: [Signature] (SIGN) WITNESS: [Signature] (SIGN)
FMT
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

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

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 H₂O
1psi = 27.67 inches of H₂O
1 inch = 25.40 mm
1 inch = 2.54 cm
1oz. = 1.729 inches OF H₂O