

MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

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

VESSEL: FMT 3062 OFFICIAL NUMBER: 111 5520
TESTING LOCATION: DEVAL FLT MAXIMUM LOADING RATE (BPH) 5,000
TANK(S) TESTED: ALL PRESSURE INDICATOR: MANOMETER
VESSEL OWNER AND ADDRESS: FLORIDA MARINE 236 FIFTH ST MANDEVILLE, LA

TEST RESULTS

TEST DATE: 1-25-24
BEGINNING PRESSURE: 28" OF H₂O BEGINNING TIME: 1400
ENDING PRESSURE: 27.8" OF H₂O ENDING TIME: 1430
TOTAL PRESSURE LOSS: .2 OF H₂O ALLOWABLE PRESSURE LOSS: 2.2" 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: LEE CHARPAGNE (PRINT) WITNESS: MATT BRAZZEL (PRINT)
TESTER: *Lee Champagne* (SIGN) WITNESS: *Matt Brazzel* (SIGN)
FMT
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.861 \times \frac{15.7}{(TP)} \times \left(\frac{5,000}{(L)} \div \frac{30,706}{(V)} \right) = \frac{2.2}{(APL)}$$

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