





MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

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

VESSEL: FMT 6001 OFFICIAL NUMBER: 1257198  
TESTING LOCATION: BUFFALO FLT TUG 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: 4-15-24  
BEGINNING PRESSURE: 28" OF H2O BEGINNING TIME: 1400  
ENDING PRESSURE: 28" OF H2O ENDING TIME: 1430  
TOTAL PRESSURE LOSS: 0 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 CHAMPAGNE (PRINT) WITNESS: MATT BRAZZEL (PRINT)  
TESTER: [Signature] (SIGN) WITNESS: [Signature] (SIGN)  
FMT  
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

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

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
  - 1 oz. = 1.729 inches OF H2O