

MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

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

VESSEL: FMT 6003 OFFICIAL NUMBER: 1257635
TESTING LOCATION: CUMMINGS FLT MAXIMUM LOADING RATE (BPH) 5,000
TANK(S) TESTED: All PRESSURE INDICATOR: MANOMETER
VESSEL OWNER AND ADDRESS: FMT 2360 FIFTH ST MANDEVILLE

TEST RESULTS

TEST DATE: 1-31-24
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: ROBERT MCNEMAR (PRINT) WITNESS: DAVID MCNEMAR (PRINT)

TESTER: [Signature] (SIGN) WITNESS: [Signature] (SIGN)

FMT
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

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

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