



MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

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

VESSEL: FMT 3184 OFFICIAL NUMBER: 11 86 297
TESTING LOCATION: 191 F.L.T. 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: 3-8-23
BEGINNING PRESSURE: 28" OF H₂O BEGINNING TIME: 1600
ENDING PRESSURE: 28" OF H₂O ENDING TIME: 1630
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: WALT GIBBS (PRINT) WITNESS: ROY HUVAL (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
1 oz. = 1.729 inches OF H₂O