

MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

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

VESSEL: MPX 214 OFFICIAL NUMBER: 1304314
TESTING LOCATION: 191 FLT MAXIMUM LOADING RATE (BPH) 4285
TANK(S) TESTED: All PRESSURE INDICATOR: MANSOMETER
VESSEL OWNER AND ADDRESS: FMT 2360 FIFTH ST- MANDEVILLE

TEST RESULTS

TEST DATE: 9-12-24
BEGINNING PRESSURE: 28" OF H₂O BEGINNING TIME: 0900
ENDING PRESSURE: 28" OF H₂O ENDING TIME: 0930
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: ROY HUVAL (PRINT) WITNESS: Steve Siler (PRINT)
TESTER: [Signature] (SIGN) WITNESS: [Signature] (SIGN)
FMT
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

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

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