

T.T. COATINGS, INC. NINE MILE POINT

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MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

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

VESSEL: CBC 1424 OFFICIAL NUMBER: 1298898
TESTING LOCATION: T.T. BARGE MAXIMUM LOADING RATE (BPH) 3,500
TANK(S) TESTED: All PRESSURE INDICATOR: MANOMETER
VESSEL OWNER AND ADDRESS: CANAL BARGE COMPANY INC.

TEST RESULTS

TEST DATE: 5-16-23
BEGINNING PRESSURE: 28" of H₂O BEGINNING TIME: 1330
ENDING PRESSURE: 28" of H₂O ENDING TIME: 1400
TOTAL PRESSURE LOSS: 0 ALLOWABLE PRESSURE LOSS: 4" 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: Shane Guidry (PRINT) WITNESS: CHARLES HASSELL (PRINT)

TESTER: Shane Guidry (SIGN) WITNESS: Charles Hassell (SIGN)

T. T. COATINGS, INC.
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.861 \times \frac{15.7}{(TP)} \times \left(\frac{3,500}{(L)} \div \frac{11,689}{(V)} \right) = \frac{4.05}{(APL)}$$

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
1inch = 2.54 cm
1oz. = 1.729 inches OF H₂O