

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 36 OFFICIAL NUMBER: 1165008
TESTING LOCATION: T.T. BARGE, Mile 104 MAXIMUM LOADING RATE (BPH) 4,285
TANK(S) TESTED: All PRESSURE INDICATOR: MANOMETER
VESSEL OWNER AND ADDRESS: CAMPBELL TRANSPORTATION COMPANY INC.
FOX POINT CENTER BLDG. GWE 201 SOUTH JOHNSON RD STE 303, HOUSTON, PA 15342

TEST RESULTS

TEST DATE: 4-10-23
BEGINNING PRESSURE: 28" of H₂O BEGINNING TIME: 1000
ENDING PRESSURE: 28" of H₂O ENDING TIME: 1030
TOTAL PRESSURE LOSS: 0 ALLOWABLE PRESSURE LOSS: 5.29" 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:

$$0.861 \times \frac{15.7}{(TP)} \times \left(\frac{4,285}{(L)} \sqrt{\frac{10,951}{(V)}} \right) = \frac{5.29}{(APL)}$$

TP = 14.7 PLUS THE BARGE TEST PRESSURE IN PSI (1 psi = 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