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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 102

TESTING LOCATION: FMT Shipyard

TANK(S) TESTED: All

VESSEL OWNER AND ADDRESS: \_\_\_\_\_

OFFICIAL NUMBER: \_\_\_\_\_

MAXIMUM LOADING RATE (BPH) 5,000

PRESSURE INDICATOR: Manometer

### TEST RESULTS

TEST DATE: 6-29-26

BEGINNING PRESSURE: 28" of H<sub>2</sub>O

ENDING PRESSURE: 28" of H<sub>2</sub>O

TOTAL PRESSURE LOSS: 0

BEGINNING TIME: 10:00 am

ENDING TIME: 11:00 am

ALLOWABLE PRESSURE LOSS: 2.2" of H<sub>2</sub>O

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: Angel Burdiles (PRINT)

TESTER: [Signature] (SIGN)

WITNESS: Enrique Euceda (PRINT)

WITNESS: Angel Euceda (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 (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 H<sub>2</sub>O

1psi = 27.67 inches of H<sub>2</sub>O

1 inch = 25.40 mm

1 inch = 2.54 cm

1oz = 1.729 inches OF H<sub>2</sub>O