

# TT104, LLC

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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 1349 OFFICIAL NUMBER: 1237399  
TESTING LOCATION: TT 104 MAXIMUM LOADING RATE (BPH) 3,500  
TANK(S) TESTED: ALL PRESSURE INDICATOR: MANOMETER  
VESSEL OWNER AND ADDRESS: 1801 ENGINEERS RD., BELLE CHASSE, LA. 70037

### TEST RESULTS

TEST DATE: 6-26-26  
BEGINNING PRESSURE: 28" of H<sub>2</sub>O BEGINNING TIME: 0900  
ENDING PRESSURE: 28" of H<sub>2</sub>O ENDING TIME: 0930  
TOTAL PRESSURE LOSS: 0 ALLOWABLE PRESSURE LOSS: 4" 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: Micha Bailey (PRINT) WITNESS: CHUCK HASSELL (PRINT)  
TESTER: [Signature] (SIGN) WITNESS: [Signature] (SIGN)

TT 104, LLC  
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.861 \times \frac{15.7}{(TP)} \times \left( \frac{3,500}{(L)} \div \frac{11,300}{(V)} \right) = \frac{4.19}{(APL)}$$

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 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

SPECIAL NOTE:

The vapor header's pressure gauge  
Was found to be accurate within  
10% of manometer reading.