

# 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 90 OFFICIAL NUMBER: 1141494  
TESTING LOCATION: TT104 MAXIMUM LOADING RATE (BPH) 4,285  
TANK(S) TESTED: ALL PRESSURE INDICATOR: MANOMETER  
VESSEL OWNER AND ADDRESS: CANAL BARGE COMPANY, INC.  
1801 ENGINEERS RD., BELLE CHASSE, LA. 70037

### TEST RESULTS

TEST DATE: 7-16-25  
BEGINNING PRESSURE: 28" of H<sub>2</sub>O BEGINNING TIME: 0930  
ENDING PRESSURE: 28" of H<sub>2</sub>O ENDING TIME: 1000  
TOTAL PRESSURE LOSS: 0 ALLOWABLE PRESSURE LOSS: 5" 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: Michah Bailey (PRINT) WITNESS: CHUCK HASSELL (PRINT)

TESTER: [Signature] (SIGN) WITNESS: [Signature] (SIGN)

TT104, LLC  
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.861 \times \frac{15.7}{(\text{TP})} \times \left( \frac{4,285}{(\text{L})} / \frac{11,066}{(\text{V})} \right) = \frac{5.23}{(\text{APL})}$$

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  
1inch = 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.