

# 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 1378 OFFICIAL NUMBER: 1249111  
TESTING LOCATION: TT 104 MAXIMUM LOADING RATE (BPH) 3500  
TANK(S) TESTED: ALL PRESSURE INDICATOR: MANOMETER  
VESSEL OWNER AND ADDRESS: CANAL BARGE COMPANY INC.  
1901 ENGINEERS RD., BELLE CHASSE, LA. 70037

### TEST RESULTS

TEST DATE: 6-26-26  
BEGINNING PRESSURE: 28" of H2O BEGINNING TIME: 0900  
ENDING PRESSURE: 28" of H2O ENDING TIME: 0930  
TOTAL PRESSURE LOSS: 0 ALLOWABLE PRESSURE LOSS: 4.5" 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: Micha Bailey (PRINT) WITNESS: CAVON HASSSELL (PRINT)  
TESTER: [Signature] (SIGN) WITNESS: [Signature] (SIGN)

TT 104, LLC  
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.861 \times \frac{15.7}{(TP)} \times \left( \frac{3500}{(L)} / \frac{10,300}{(V)} \right) = \frac{4.59}{(APL)}$$

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

SPECIAL NOTE:

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