

# T.T. BARGE SERVICES, LLC

## MILE 237 CLEANING

5190 NORTH RIVER RD. PO BOX 1000, LA 70767  
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### MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

REQUIRED SUBPART BB-NATIONAL EMISSION STANDARDS FOR BENZENE EMISSIONS FROM TRANSFER OPERATIONS SECTION 61.304F, 61.306

VESSEL: CBC-336 OFFICIAL NUMBER: 11191685  
TESTING LOCATION: T.T. Barge Mile 237 MAXIMUM LOADING RATE (BPH): 5000  
TANK(S) TESTED: A11 PRESSURE INDICATOR: Cat Gauge  
VESSEL OWNER AND ADDRESS: Cann Barge Co 801 Eugene LA Belle Chasse

### TEST RESULTS

TEST DATE: 9-6-86 BEGINNING TIME: 0900  
BEGINNING PRESSURE: 28 ENDING TIME: 0930  
ENDING PRESSURE: 28 ALLOWABLE PRESSURE LOSS: 2.3  
TOTAL PRESSURE LOSS: 0

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: Cay S. LeDorack (PRINT) WITNESS: M.H.H. LeDorack (PRINT)  
TESTER: Cay S. LeDorack (SIGN) WITNESS: M.H.H. LeDorack (SIGN)  
FILIATION OF WITNESS: T.T. Barge Mile 237

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.861 \times \frac{15.2}{(TP)} \times \left( \frac{5000}{(L)} \right) = \frac{2.3}{(APL)}$$

TP = 14.7 PLUS THE BARGE TEST PRESSURE IN PSI  
L = MAXIMUM LOADING RATE IN BARRELS PER HOUR  
V = VOLUME OF TANK(S) IN BARRELS  
APL = ALLOWABLE PRESSURE LOSS IN INCHES OF WATER

#### NOTES:

14.70 psi = 406.8 inches of H<sub>2</sub>O  
1 psi = 2.767 inches of H<sub>2</sub>O  
1 inch = 25.40 mm  
1 inch = 2.54 cm  
1 oz. = 1.729 inches of H<sub>2</sub>O