

# T.T. COATINGS, INC. NINE MILE POINT

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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: GBL 2330 OFFICIAL NUMBER: 1231034  
TESTING LOCATION: T.T. BARGE Mile 104 MAXIMUM LOADING RATE (BPH) 5,000  
TANK(S) TESTED: All PRESSURE INDICATOR: MANOMETER  
VESSEL OWNER AND ADDRESS: GOLDING BROTHERS MARINE LLC  
101 LEE ST., VICKSBURG, MS. 39180

### TEST RESULTS

TEST DATE: 5-26-17  
BEGINNING PRESSURE: 28" of H<sub>2</sub>O BEGINNING TIME: 1000  
ENDING PRESSURE: 28" of H<sub>2</sub>O ENDING TIME: 1030  
TOTAL PRESSURE LOSS: 0 ALLOWABLE PRESSURE LOSS: 2.29" 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: Shane Guidry (PRINT) WITNESS: CHARLES HASSELL (PRINT)

TESTER: Shane Guidry (SIGN) WITNESS: Charles Hassell (SIGN)

T. T. COATINGS, Inc.  
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.861 \times \frac{15.7}{(\text{TP})} \times \left( \frac{5,000}{(\text{L})} / \frac{29,500}{(\text{V})} \right) = \frac{2.29}{(\text{APL})}$$

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