

TEST REPORT

# T.T. COATINGS, INC.

## NINE MILE POINT

2012 RIVER ROAD WESTWEGO, LA 70094

OFFICE: 504-436-3766 FAX: 504-436-3855

### CARGO PIPELINE TEST CERTIFICATE

The cargo pipeline on barge SMI 30033 was tested to 187.5 P.S.I., one and half times its maximum allowable working pressure, M.A.W.P., and proved operable in accordance with CFR 156.170.

The cargo pipelines relief valve was tested and lifted at 125 P.S.I.

The cargo pipeline pressure gauge is working within 10 percent of shown pressure.

Date: 8-30-16

Signature: 

# T.T. COATINGS, INC.

## NINE MILE POINT

2012 RIVER RD. WESTWEGO, LA. 70094  
OFFICE: (504)436-3766 FAX: (504)346-3855

### MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

REQUIRED SUBPART BB-NATIONAL EMISSION STANDARDS FOR BENZENE EMISSIONS FROM TRANSFER  
OPERATIONS SECTION 61.00-61.306

VESSEL: SMI 30033 OFFICIAL NUMBER: 1239857  
TESTING LOCATION: T.T. BARGE, Mile 104 MAXIMUM LOADING RATE (BPH) 5,000  
TANK(S) TESTED: All PRESSURE INDICATOR: MANOMETER  
VESSEL OWNER AND ADDRESS: SET TON TOWING LLC  
1073 HWY. 70, PO BOX 279, NINE MILE POINT, LA. 70339

### TEST RESULTS

TEST DATE: 8.30.16  
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: 2.4" 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: Shane Guidry (PRINT) WITNESS: CHARLES HASSELL (PRINT)

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

T. T. COATINGS, INC.  
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.861 \times \frac{15.7}{(TP)} \times \left( \frac{5,000}{(L)} / \frac{28,161}{(V)} \right) = \frac{2.4}{(APL)}$$

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