

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 30037 OFFICIAL NUMBER: 1239888
TESTING LOCATION: CLEANING PLANT MAXIMUM LOADING RATE (BPH) 5,000
TANK(S) TESTED: All PRESSURE INDICATOR: MANOMETER
VESSEL OWNER AND ADDRESS: SETTOON TOWING LLC
1073 Hwy. 70, PO Box 279, PIERRE PART, LA. 70339

TEST RESULTS

TEST DATE: 6-10-16
BEGINNING PRESSURE: 28" of H₂O BEGINNING TIME: 1500
ENDING PRESSURE: 28" of H₂O ENDING TIME: 1530
TOTAL PRESSURE LOSS: 0 ALLOWABLE PRESSURE LOSS: 2.25" 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: 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:

$$0.861 \times \frac{15.7}{(TP)} \times \left(\frac{5,000}{(L)} \div \frac{30,100}{(V)} \right) = \frac{2.25}{(APL)}$$

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

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CARGO PIPELINE TEST CERTIFICATE

The cargo pipeline on barge SMI 30037 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: 6-10-16

Signature: 