

T.T. COATINGS, INC.
NINE MILE POINT

2012 RIVER ROAD WESTWEGO, LA 70094
OFFICE: 504-436-3766 FAX: 504-436-3855

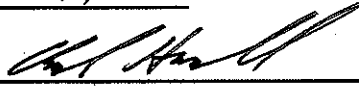
CARGO PIPELINE TEST CERTIFICATE

The cargo pipeline on barge GONSOUIN 504 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: 1-10-17

Signature: 

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CARGO HOSE TEST RECORD

FACILITY TESTING HOSE: T.T. COATINGS, INC.

CARGO HOSE NUMBER: CHTX 15486

FLANGE SIZE: 8"

OVERALL LENGTH: 25'

INTERNAL DIMENSION: 8"

TESTED PRESSURE: 225 p.s.i.

DURATION OF TEST: 10 minutes

M.A.W.P.: 150 p.s.i.

MINIMUM BURST PRESSURE: 600 p.s.i.

TESTED GOOD ON: 1-10-17

SERVICE TYPE: OIL SERVICE CHEMICAL SERVICE

CERTIFIED BY: CHARLES HASSELL (PRINT)

 (SIGN)

IN ACCORDANCE WITH 33 CFR 156.170

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VAPOR HOSE TEST LETTER

FACILITY TESTING HOSE: T.T. BARGE, Mile 104

VAPOR HOSE NUMBER: NC05451

FLANGE SIZE: 8"

OVERALL LENGTH: 25'

INTERNAL DIMENSIONS: 8"

TESTED PRESSURE: 75 P.S.I.

DURATION OF TEST: 10 MINUTES

M.A.W.P.: 50 P.S.I.

MINIMUM BURST PRESSURE: 200 P.S.I.

TESTED GOOD ON: 1-10-17

SERVICE TYPE: OIL: CHEMICAL:

CERTIFIED BY: CHARLES HASSELL



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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: GONSOLIN 504 OFFICIAL NUMBER: 1218503
TESTING LOCATION: SHIPYARD MAXIMUM LOADING RATE (BPH) 5,000
TANK(S) TESTED: ALL PRESSURE INDICATOR: MANOMETER
VESSEL OWNER AND ADDRESS: LEBEUF BROS TOWING LLC
P.O. Box 9036, Houma, LA. 70361

TEST RESULTS

TEST DATE: 1-10-17
BEGINNING PRESSURE: 28" of H₂O BEGINNING TIME: 1530
ENDING PRESSURE: 28" of H₂O ENDING TIME: 1600
TOTAL PRESSURE LOSS: 0 ALLOWABLE PRESSURE LOSS: 2.2" 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: Matt Joseph (PRINT) WITNESS: Charles Hassell (PRINT)
TESTER: [Signature] (SIGN) WITNESS: [Signature] (SIGN)

T.T. COATINGS, INC.
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.861 \times \frac{15.7}{(TP)} \times \left(\frac{5,000}{(L)} \div \frac{30,744}{(V)} \right) = \frac{2.2}{(APL)}$$

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