

FMT

Florida Marine Transporters, Inc.

2360 Fifth Street
Mandeville, LA 70471
(985) 629-2082 Phone
(985) 629-2110 Fax

HOSE AND PIPELINE TESTS

VESSEL: HFL 427

THE FOLLOWING ITEMS HAVE BEEN CHECKED AND TESTED IN ACCORDANCE WITH
46CFR 35.35-70 AND 33CFR 156.170 ON 11-30-20.

<u>/</u>	PRESSURE GAUGES HAVE BEEN CHECKED WITHIN 10% OF ACCURACY.
<u>/</u>	EMERGENCY SHUTDOWN HAS BEEN CHECKED AND FOUND OPERABLE.
<u>/</u>	TRANSFER SYSTEM RELIEF VALVE HAS BEEN TESTED AND CHECKED - 125 P.S.I.
<u>/</u>	ALL TRANSFER PIPING SYSTEMS AND ASSOCIATED VALVES HAVE BEEN TESTED AND CHECKED AT 187.5 P.S.I.
<u>N/A</u>	CARGO HOSE VISUALLY AND HYDROSTATICALLY CHECKED TO 225 P.S.I.

THE ABOVE ITEMS CHECKED, TESTED AND VERIFIED BY:

[Signature]

2360 Fifth Street
Mandeville, LA 70471
Phone (985) 629-2082 Fax (985) 629-2120

Florida Marine
Transporters Inc.

MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

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

VESSEL: HFL 427 OFFICIAL NUMBER: 1249621
TESTING LOCATION: 199 FLT MAXIMUM LOADING RATE (BPH) 5,000
TANK(S) TESTED: ALL PRESSURE INDICATOR: MANOMETER
VESSEL OWNER AND ADDRESS: FLORIDA MARINE 2360 FIFTH ST. MANDEVILLE, LA

TEST RESULTS

TEST DATE: 11-30-20
BEGINNING PRESSURE: 28" OF H₂O BEGINNING TIME: 1400
ENDING PRESSURE: 28" OF H₂O ENDING TIME: 1430
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: Walter Higgs (PRINT) WITNESS: Stevan Sime (PRINT)
TESTER: Walter Higgs (SIGN) WITNESS: [Signature] (SIGN)

FMT
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.861 \times \frac{15.7}{(\text{TP})} \times \left(\frac{5,000}{(\text{L})} \div \frac{30,706}{(\text{V})} \right) = \frac{2.2}{(\text{APL})}$$

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 H₂O
1psi = 27.67 inches of H₂O
1 inch = 25.40 mm
1 inch = 2.54 cm
1oz. = 1.729 inches OF H₂O