



## MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

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

VESSEL: FMT B1 OFFICIAL NUMBER : 1208363  
TESTING LOCATION: GATES BOLIVAR MAXIMUM LOADING RATE (BPH): 3000  
TANK(S) TESTED: ALL PRESSURE INDICATOR: MAGNEHELIC  
VESSEL OWNER AND ADDRESS: FLORIDA MARINE TRANSPORT.MANDVILLE LA.

### TEST RESULTS:

TEST DATE: 7-7-2023  
BEGINNING PRESSURE: 28IN H2O BEGINNING TIME 12:30  
ENDING PRESSURE: 27 IN H2O ENDING TIME 13 :00  
TOTAL PRESSURE LOSS: 1 IN H2O ALLOWABLE PRESSURE LOSS: 2.2 IN 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: HOSS STRIMPLE (PRINT) WITNESS: DALE SIEVERS (PRINT)  
TESTER: [Signature] (SIGN) WITNESS: [Signature] (SIGN)

GATES CFS  
AFFILIATION OF WITNESS

### **CALCULATION OF ALLOWABLE PRESSURE LOSS:**

$$0.861 \times \frac{15.7}{(\text{TP})} \times \frac{3000}{(\text{L})} / \frac{15,298 \text{ BBLS}}{(\text{V})} = \frac{2.65}{(\text{APL})}$$

TP = 14.7 PLUS THE BARGE TEST PRESSURE IN PSI (1 psi = 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:

14.70 psi = 406.8 inches of H2O

1 psi = 27.67 inches of H2O

1 inch = 25.40 mm

1 inch = 2.54 cm

1oz=1.729 inches of H2O



# GATES FUEL SERVICES

3813 FM 646

SANTA FE, TX 77510

OFFICE: (409) 925 8897

DOCK: (409) 750 3766

## PIPE LINE PRESSURE TEST

VESSEL: FMT B1 OFFICIAL #: 1208363

THE FOLLOWING ITMES HAVE BEEN CHECKED AND TESTED IN ACCORDANCE WITH  
46CFR 35.35-70 AND 33CFR 156.170 ON 7-7-2023  
(Date)

YES PRESSURE GAUGES HAVE BEEN CHECKED WITHIN 10%  
ACCURACY

YES EMERGENCY SHUTDOWN HAS BEEN CHECKED AND FOUND  
OPERABLE

na TRANSFER SYSTEM RELIEF VALVE HAS BEEN TESTED AND  
CHECKED - 125 P.S.I.

YES ALL TRANSFER PIPING SYSTEMS AND ASSOCIATED VALVES  
HAVE BEEN TESTED AND CHECKED AT 187.5 P.S.I.

YES CARGO HOSE VISUALLY AND HYDROSTATICALLY CREATED  
TO 225 PSI

THE ABOVE ITEMS CHECKED, TESTED AND VERIFIED BY: