



# GATES FUEL SERVICES

3813 FM 646  
SANTA FE, TX 77510  
OFFICE: (409) 925 8897  
DOCK: (409) 750 3766

## PIPE LINE PRESSURE TEST

VESSEL: GM 100 OFFICIAL #: 613257

THE FOLLOWING ITMES HAVE BEEN CHECKED AND TESTED IN ACCORDANCE WITH  
46CFR 35.35-70 AND 33CFR 156.170 ON 7-5-23  
(Date)

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

THE ABOVE ITEMS CHECKED, TESTED AND VERIFIED BY:

DALE SIEVERS 



**MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION**

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

VESSEL: GM 100 OFFICIAL NUMBER : 613257

TESTING LOCATION BOLIVAR MAXIMUM LOADING RATE (BPH): 2500

TANK(S) TESTED: ALL PRESSURE INDICATOR: MAGNEHELIC

VESSEL OWNER : VESSEL HOLDINGS 7 LLCQ1

**TEST RESULTS:**

TEST DATE: 7-5-23

BEGINNING PRESSURE: 28 IN H2O BEGINNING TIME: 0800

ENDING PRESSURE: 26.6 IN H2O ENDING TIME :0830

TOTAL PRESSURE LOSS: 1.4 ALLOWABLE PRESSURE LOSS: 6.0 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  
TESTER *Hoss Strimple*

WITNESS (PRINT) DALE SIEVERS  
WITNESS (SIGN) *Dale Sievers*

*GFS*  
AFFILIATION OF WITNESS

**CALCULATION OF ALLOWABLE PRESSURE LOSS:**

$0.861 \times \frac{15.7}{(TP)} \times \frac{2500}{(L)} / \frac{6500}{(V)} = \underline{6.0 \text{ IN H2O}}_{(APL)}$

- 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