



P.O. Box 1315, Santa Fe, TX 77510
(409) 925-8897 • (409) 316-1496
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MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

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

VESSEL: E2MS 303 OFFICIAL NUMBER : 1248274
TESTING LOCATION: BOLIVAR MAXIMUM LOADING RATE (BPH): 5000
TANK(S) TESTED: ALL PRESSURE INDICATOR: MAGNEHELIC
VESSEL OWNER AND ADDRESS: E SQUARED MARINE FRIENDSWOOD TX. 77546

TEST RESULTS:

TEST DATE: 8-1-19
BEGINNING PRESSURE: 28 INCHES H2O BEGINNING TIME 1100
ENDING PRESSURE: 28 ENDING TIME 1300
TOTAL PRESSURE LOSS: 0 ALLOWABLE PRESSURE LOSS: _____

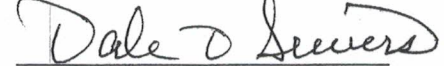
NOTE: VESSEL IS CONSIDERED VAPOR TIGHT IF "TOTAL PRESSURE LOSS" IS LESS THAN "ALLOWABLE PRESSURE LOSS"

THIS VESSEL HAS BEEN TESTED IN ACCORDANCE WITH SECTION 61.304F, AND IS CONSIDERED VAPOR TIGHT.

TESTER: HOSS STRIMPLE
(PRINT)

(PRINT) WITNESS: DALE SIEVERS

TESTER:  (SIGN)

WITNESS: 

AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.861 \times \frac{15.7}{(TP)} \times \frac{5000}{(L)} \div \frac{29500}{(V)} = \underline{\quad 2.29 \text{ INCHES H2O} \quad} (APL)$$

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



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HOSE AND PIPELINE TESTS

VESSEL: E2MS 303 OFFICIAL #: 1248274

THE FOLLOWING ITEMS HAVE BEEN CHECKED AND TESTED IN ACCORDANCE WITH

46CFR 35.35-70 AND 33CFR 156.170 ON 8-1-19
(Date)

| | |
|------------|--|
| <u>YES</u> | PRESSURE GAUGES HAVE BEEN CHECKED WITHIN 10% ACCURACY |
| <u>N/A</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>N/A</u> | CARGO HOSE VISUALLY AND HYDROSTATICALLY TESTED TO 225 PSI |

THE ABOVE ITEMS CHECKED, TESTED AND VERIFIED BY:

