

T.T. BARGE SERVICES, LLC

MILE 237 CLEANING

5190 NORTH RIVER RD. PORT HENRI, LA 70767
OFFICE: (225) 267-4505 FAX: (225) 267-4570

MARINE VESSELS VAPOR TIGHTNESS DOCUMENTATION

REQUIRED SUPPORT BY NATIONAL EMISSION STANDARDS
OPERATIONS SECTION

FOR BENZENE EMISSIONS FROM TRANSFER
110-61.306

VESSEL: CBC-94
TESTING LOCATION: T.T. Barge 227
TANK(S) TESTED: A11
VESSEL OWNER AND ADDRESS: Camel Bay

SERIAL NUMBER: 1212349
MAXIMUM LOADING RATE (BPH): 5700
PRESSURE INDICATOR: Act Co.

TEST RESULTS

TEST DATE: 8-24-26
BEGINNING PRESSURE: 28
ENDING PRESSURE: 28
TOTAL PRESSURE LOSS: 0

BEGINNING TIME: 1400
ENDING TIME: 1430
ALLOWABLE PRESSURE LOSS: 4.2

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: C.B. Womack (PRINT)
TESTER: C.B. Womack (SIGN)

WITNESS: M.H. Bul (PRINT)
WITNESS: M.H. Bul (SIGN)
T.T. Barge 227
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.851 \times \frac{15.2}{(IP)} \times \left(\frac{3500}{(L)} \right) \times \frac{11000}{(V)} = \frac{4.2}{(APL)}$$

TP = 14.7 PLUS THE BARGE TEST PRESSURE IN PSI
L = MAXIMUM LOADING RATE IN BARRELS PER HOUR
V = VOLUME OF TANK(S) IN BARRELS
APL = ALLOWABLE PRESSURE LOSS IN INCHES OF H₂O

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
1 oz. = 1.729 inches of H₂O