Bolivar Barge Cleaning Service, LLC

HOSE AND PIPELINE TESTS

VESSEL: Conson IN 510 OFFICIAL #: 1223943

THE FOLLOWING ITMES HAVE BEEN CHECKED AND TESTED IN ACCORDANCE WITH 46CFR 35.35-70 AND 33CFR 156.170 ON 1-21-19 (Date)

Yes	PRESSURE GAUGES HAVE BEEN CHECKED WITHIN 10% ACCURACY
N/A	EMERGENCY SHUTDOWN HAS BEEN CHECKED AND FOUND OPERABLE
N/A	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:

Adam Sykes

Bolivar Barge Cleaning Service, LLC

MARINE **VESSELS**

VAPOR TIGHTNESS DOCUMENTATION

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

VESSEL: Consolin 510 OFFICIAL NUMBER : 1123943

TESTING LOCATION: Berwick Fleet MAXIMUM LOADING RATE (BPH): 500

TANK(S) TESTED: ALL PRESSURE INDICATOR: Manometer

VESSEL OWNER AND ADDRESS: Luthous Boarders

TEST RESULTS:

TEST DATE: 1-21-19

BEGINNING PRESSURE: 28 IN H20 BEGINNING TIME : 0900

ENDING PRESSURE: 28 ENDING TIME : 1002

TOTAL PRESSURE LOSS : 0 ALLOWABLE PRESSURE LOSS: 2.25

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 Stimple (PRINT) WITNESS: _____ (PRINT)

TESTER: _____ (SIGN) WITNESS: _____ (SIGN)

_____
AFFILIATION OF WITNESS

CALCULATION OF ALLOWABLE PRESSURE LOSS:

$$0.861 \times \underset{(TP)}{15.7} \times \underset{(L)}{5000} / \underset{(V)}{29960} = \underset{(APL)}{2.25}$$

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