



GOLDING BARGE LINE

101 Lee Street • Vicksburg, Mississippi 39180
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TANKBARGE VAPOR TIGHTNESS TEST

BARGE NAME: GRL 2130

TEST DATE: 4/30/2023

P/V VALVE IS SET AT 3.0 PSI

PM = MAXIMUM ALLOWABLE PRESSURE CHANGE

PIA = STARTING PRESSURE (1.0 PSI)

L = MAXIMUM LOADING RATE (5000 BBLS)

V = TOTAL CARGO TANK VOLUME (BBLS) (29400 BBLS)

PM = (.861) X (PIA) X (L/V) .152 PSI

MINIMUM TANK PRESSURE AFTER 30 MIN TEST .848 PSI

Barge vapor pressure must be at least 1 PSI at start of test

TIME TEST STARTED: 0900 TIME TEST STOPPED: 0945 (AT LEAST 30 MINUTES)

P1 = INITIAL PRESSURE 1 PSI

P2 = PRESSURE AFTER 30 MINUTE TEST 1.1PSI

P1 - P2 = 0.1 (The difference in test pressure from start to finish)

IS DIFFERENCE LESS THAN (.152) (YES - PASSED)

(NO - FAILED) (If failed please contact GBL Operations Department)

This barge was tested in accordance with the National Emission standards for Benzene emissions from Benzene transfers operations, section 40 CFR, 61.304 (f), and National Emission standards for Hazardous air pollutants section 40 CFR 63.565 (c).

TESTED BY: (PRINT) Hunter DeLaughter

(SIGNED)

WITNESSED BY: (PRINT) ERIC M. STERN

(SIGNED)