

101 Lee Street • Vicksburg, Mississippi 39180  
601-629-9800 • Fax 601-629-9802

### TANKBARGE VAPOR TIGHTNESS TEST

BARGE NAME: GBL 4230 TEST DATE: 6/4/18

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

TEST START: 12:00 TEST STOP: 12:30 (30 MINUTES)

P1 = INITIAL PRESSURE 1 PSI

P2 = PRESSURE AFTER 30 MINUTE TEST 1.6

P1 - P2 = 0

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

(NO - FAILED)

It has been verified that this barge has not carried any Polymerizing cargos in the last 12 months, therefore CFR 46 39.2014 does not apply.

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) RYAN NOLAN

(SIGNED) [Signature]

WITNESSED BY: (PRINT) Evan Casey

(SIGNED) [Signature]