

GOLDING BARGE LINE

TANKBARGE VAPOR TIGHTNESS TEST

BARGE NAME: GBL 1230 TEST DATE 8-6-2011

PV 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)

$PM = (.861) \times (PIA) \times (L/V)$.152 PSI

MINIMUM TANK PRESSURE AFTER 30 MIN TEST .848 PSI

TEST START: 2 PSI TEST STOP: 2 PSI (30 MINUTES)

P1 = INITIAL PRESSURE 2 PSI

P2 = PRESSURE AFTER 30 MINUTE TEST 2 PSI

$P1 - P2 =$ 0

IS DIFFERENCE IS LESS THAN (.152)

(YES - PASSED)

(NO - FAILED)

TESTED BY: (PRINT) JAMES MOORE

(SIGNED) *James Moore*

Witnessed by: *Mildred Miller*