

GOLDING BARGE LINE

TANKBARGE VAPOR TIGHTNESS TEST

BARGE NAME: G13L 430

TEST DATE 8/13/09

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) X (PIA) X (L/V) .152 PSI

MINIMUM TANK PRESSURE AFTER 30 MIN TEST .848 PSI

TEST START: 1430 TEST STOP: 1500 (30 MINUTES)

P1 = INITIAL PRESSURE 1 PSI

P2 = PRESSURE AFTER 30 MINUTE TEST 1.4 PSI

P1 - P2 = + .4

IS DIFFERENCE IS LESS THAN (.152)

(YES - PASSED)

(NO - FAILED)

TESTED BY: (PRINT)

Michael Quinton

(SIGNED)

[Signature]