

GOLDING BARGE LINE

TANKBARGE VAPOR TIGHTNESS TEST

BARGE NAME: GBL 2230__ TEST DATE 8-11-2011__

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: 2.5 PSI__ TEST STOP: 2.5 PSI__ (30 MINUTES)

P1 = INITIAL PRESSURE 2.5 PSI__

P2 = PRESSURE AFTER 30 MINUTE TEST 2.5 PSI__

$P1 - P2 =$ 0 PSI__

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

(NO - FAILED)

TESTED BY: (PRINT) JAMES MOORE__

(SIGNED) James Moore