

GOLDING BARGE LINE

TANKBARGE VAPOR TIGHTNESS TEST

BARGE NAME: GBL 1130 TEST DATE 10-7-11

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: 1.0 TEST STOP: 1.5 (30 MINUTES)

P1 = INITIAL PRESSURE 1 PSI

P2 = PRESSURE AFTER 30 MINUTE TEST 1.5

P1 - P2 = 0.5

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

(NO - FAILED)

TESTED BY: (PRINT) RANDY MOORE
(SIGNED) Randy Moore