

# GOLDING BARGE COMPANY

## TANKBARGE VAPOR TIGHTNESS TEST

BARGE NAME: GBL-132B TEST DATE 2-9-12

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: 1310 TEST STOP: 1340 (30 MINUTES)

P1 = INITIAL PRESSURE 1 PSI

P2 = PRESSURE AFTER 30 MINUTE TEST 1 PSI

P1 - P2 = 0 PSI

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

(NO - FAILED)

TESTED BY: (PRINT) Ryan Ballard

(SIGNED) [Signature]