

GOLDING BARGE COMPANY

TANKBARGE VAPOR TIGHTNESS TEST

BARGE NAME: GBL 1030 TEST DATE 11-4-09

- 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)
- $PM = (.861) \times (PIA) \times (L/V)$.152 PSI
- MINIMUM TANK PRESSURE AFTER 30 MIN TEST .848 PSI

TEST START: 11:18 TEST STOP: 11:48 (30 MINUTES)

P1 = INITIAL PRESSURE 1 PSI

P2 = PRESSURE AFTER 30 MINUTE TEST 1.2

$$P1 - P2 = \underline{+.2} \text{ TW}$$

IS DIFFERENCE IS LESS THAN (.152)

(YES - PASSED)

(NO - FAILED)

TESTED BY: (PRINT)

Tim Miller

(SIGNED)

Tim Miller