

**GOLDING BARGE LINE**  
**TANKBARGE VAPOR TIGHTNESS TEST**

BARGE NAME: GBL 11630 TEST DATE 1-20-2011

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: 1315 TEST STOP: 1345 (30 MINUTES)

P1 = INITIAL PRESSURE 1 PSI

P2 = PRESSURE AFTER 30 MINUTE TEST +.1

$P1 - P2 =$  +.1

IS DIFFERENCE IS LESS THAN (.152)

(YES - PASSED)

(NO - FAILED)

TESTED BY: (PRINT)

Michael Carter

(SIGNED)

[Signature]