

# GOLDING BARGE LINE

## TANKBARGE VAPOR TIGHTNESS TEST

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BARGE NAME: GBL 1030 TEST DATE 8-6-2011

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) X (PIA) X (L/V) .152 PSI

MINIMUM TANK PRESSURE AFTER 30 MIN TEST .848 PSI

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TEST START: 1 PSI TEST STOP: 1 PSI (30 MINUTES)

P1 = INITIAL PRESSURE 1 PSI

P2 = PRESSURE AFTER 30 MINUTE TEST 1 PSI

P1 - P2 = 0

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

(NO - FAILED)

TESTED BY: (PRINT) JAMES MOORE

(SIGNED) *James Moore*