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Odessa, Texas 79761

PH: 432-580-7040
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JM TEST SYSTEMS, INC.
CALIBRATION LAB. DIVISION

7323 Tom Drive
Baton Rouge, La 70806

PH: 225-925-2029
Fax: 225-927-0036

Certificate of Accuracy

QC# 355.05

The instrument described below is certified to be accurate within a maximum error of $\pm 0.1\%$ I.V.

Manufacture: Chandler
Model Number: 5-1
Serial Number: 8277
Reference Gravity: 980.665 gals.
Certification Date: 06/08/2007
Re-certification Date: 06/08/2008

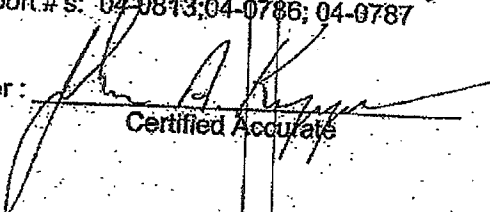
This Certification of measurement accuracy has been based on inspection data obtained during a cross-float comparison of tested instrument to **JM Test Systems Inc.**, which are periodically referred to laboratory master standards as scheduled by JM Test Systems quality management procedures. The standard used in this inspection is described below:

Manufacture: Ruska
Model Number: 2400
Low Piston Serial Number: LC-653
High Piston Serial Number: HC-726
Reference Gravity: 980.665 gals
Nominal Accuracy: .015 of indicated value
Accuracy from Data: .005% of indicated value

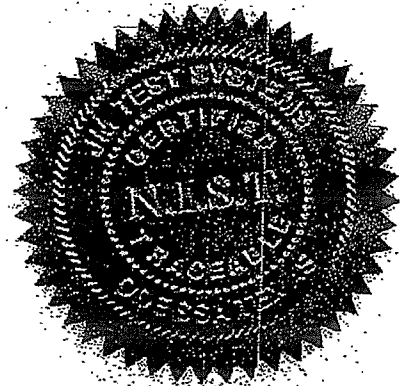
The JM Test Systems quality management control procedures provides for the recertification of laboratory standards upon completion of (99) ninety nine uses. Reference laboratory standards are certified and maintained traceable to the national measurement standards via National Institute of Standards and Technology (N.I.S.T.) reports listed below:

Piston and cylinder area @ 23 deg C.
N.I.S.T. Report #'s: P-8436 (12/21/92); 500-031;
500-032; 836/259990; 248833

Mass vs. Brass standard at 35% relative humidity:
N.I.S.T. Report #'s: 04-0813; 04-0786; 04-0787

Lab Manager: 

Certified Accurate



ACE HI RENTALS, INC

(432) 332-0691 FAX (432) 333-4561 P O BOX 1189
ODESSA, TEXAS 79760

CERTIFICATION OF CALIBRATION

INSTRUMENT TESTED: BARTON 12" PRESSURE & TEMPERATURE RECORDER.

SERIAL NUMBER: 202A 24409 / PRESSURE RANGE: 0-3000 PSI

TEMPERATURE RANGE: 0-150 Temp.

TESTING CONDITIONS

ACCURACY: 50% PLUS OR MINUS 2.5 PSI
TEMP: 52 F

POSITION: VERTICAL

This is to certify that this instrument has been inspected and tested against deadweight tester s/n
_____, test gauge s/n #1201574.

SPECIAL CONDITIONS:

DATE OF INSPECTION: 3-14-07

INSPECTED BY: Carlos Began