

Calibration Report: Digital Pressure Inclinator s/n: 41631

8 August 2003

Bryan Fabbri
Analytical Services and Materials, Inc.
Hampton, Virginia

Summary

Calibration Date: 8 August 2003 Next Calibration Date: 8 August 2005

A collection, analysis and calibration of data from a Digital Pressure Inclinator, S/N 41631 has been completed. The calibration was performed by the calibration laboratory, Wyle Laboratories. These data were collected by Wyle Laboratories on 8 August 2003.

MODEL : 361B
SERIAL NUMBER : 41631

The test data presented in data table format show the deviation of the test instrument in millibars from the true pressure in millibars. The test readings fall within the stated manufacturer tolerance of ± 0.3 millibars. The calibration prior to adjustment also met the manufacturer tolerance.

APPLICATION: Add corrections to measurements per post calibration table.

REPORT OF CALIBRATION-WYLE LABORATORIES

CALIBRATION OF A DIGITAL PRESSURE INDICATOR

MANUFACTURER SETRA ECN 0468369 DATE 8/8/03
 MODEL NO. 361B SER. NO. 41631 CAL. BY W2661
 RANGE 800-1100 mBAR W.O. NO. 472986 ORDER NO.

WYLE 3

REF STD: RUSKA QUARTZ PRESSURE STANDARD, 0-1000 TORR,
 GFE NO. 3925, CALIBRATION DUE 2/3/04.
 MFR TOL: +/- 0.3 mBAR

CALIBRATION NO. 1

INDICATION OF STANDARD TORR	TRUE PRESSURE mBAR	INDICATION OF TEST INSTRUMENT mBAR	DEVIATION mBAR
600.06	800.00	800.0	0.0
645.07	860.01	859.9	-0.1
690.07	920.00	920.0	-0.0
712.57	950.00	949.9	-0.1
735.07	980.00	979.9	-0.1
780.08	1040.00	1040.0	-0.0
825.08	1100.00	1100.0	0.0
802.58	1070.00	1070.0	0.0
757.58	1010.01	1009.9	-0.1
712.57	950.00	950.0	0.0
667.57	890.00	890.0	-0.0
622.56	830.00	830.0	0.0
600.06	800.00	799.9	-0.1

CONVERSION FACTOR 1.333200
 TEST INSTRUMENT TEMPERATURE 21.6 DEG C.
 AMBIENT TEMPERATURE 21.6 DEG C.
 BAROMETRIC PRESSURE 29.907 INHGA
 HUMIDITY 49 PERCENT.

DATA REDUCTION PROGRAM - GAUGE.BAS.
 DATA SHEET APPROVED BY - W2246