Report: Digital Pressure Inclinometer s/n: 41631 ECN: 0468369

23 May 2000

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

SUMMARY

Calibration date: 23 May 2000. Next calibration due: 23 May 2002.

A collection, analysis and calibration of data from a Digital Pressure Inclinometer, s/n 41631, has been completed. The calibration was performed by the calibration laboratory, Wyle Laboratories. These data were collected by Wyle Laboratories on 23 May 2000.

Model: 361B

Serial Number: 41631

The test data presented in data table format show the deviation test instrument in millibars and 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 5/23/00 MODEL NO. 361B SER. NO. 41631 CAL. BY W2661 RANGE 800-1100 mBAR W.O. NO. 447409 ORDER NO.

REF STD:

RUSKA QUARTZ PRESSURE STANDARD, 0-1000 TORR,

GFE NO. 3925, CALIBRATION DUE 4/14/01.

MFR TOLERANCE: +/- 0.3 mBAR

CALIBRATION NO. 1

INDICATION OF	TRUE	INDICATION OF TEST	
STANDARD	PRESSURE	INSTRUMENT	DEVIATION
TORR	mBAR	mBAR	mBAR
600.06	800.00	800.0	0.0
645.07	860.01	859.9	-0.1
690.07	920.00	919.8	-0.2
712.57	950.00	949.9	-0.1
735.07	980.00	979.9	-0.1
780.08	1040.00	1039.8	-0.2
825.08	1100.00	1099.8	-0.2
802.58	1070.00	1069.9	-0.1
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 22.2 DEG C.
AMBIENT TEMPERATURE 22.2 DEG C.
BAROMETRIC PRESSURE 29.849 INHGA
HUMIDITY 45 PERCENT.

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

REPORT OF CALIBRATION-WYLE LABORATORIES

CALIBRATION OF A DIGITAL PRESSURE INDICATOR

MANUFACTURER SETRA ECN 0468369 DATE 5/23/00 SER. NO. 41631 MODEL NO. 361B W2661 CAL. BY

W.O. NO. 447409 RANGE 800-1100 mBAR ORDER NO.

WYLE 8

RUSKA QUARTZ PRESSURE STANDARD, 0-1000 TORR, REF STD:

GFE NO. 3925, CALIBRATION DUE 4/14/01.

MFR TOLERANCE:+/- 0.3 mBAR

CALIBRATION PRIOR TO ADJUSTMENT

INDICATION		INDICATION	
OF	TRUE	OF TEST	
STANDARD	PRESSURE	INSTRUMENT	DEVIATION
TORR	mBAR	mBAR	mBAR
600.06	800.00	800.0	0.0
712.41	949.78	950.0	0.2
825.24	1100.21	1100.0	-0.2

CONVERSION FACTOR 1.333200 TEST INSTRUMENT TEMPERATURE 22.2 DEG C. AMBIENT TEMPERATURE 22.2 DEG C. BAROMETRIC PRESSURE 29.849 INHGA HUMIDITY 45 PERCENT.

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