



THE AMERICAN ASSOCIATION FOR
LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

GROUP DEKKO TECHNICAL CENTER

La Otto, IN

for technical competence in the field of **Calibration**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and any additional program requirements in the field of calibration. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 18 June 2005*).

Presented this 31st day of January 2009.

A handwritten signature in black ink, appearing to read "Peter Mlynek", written over a horizontal line.

President

For the Accreditation Council

Certificate Number: 766.04

Valid to: October 31, 2010



For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005
& ANSI/NCSL Z540-1-1994

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CALIBRATION

Valid To: October 31, 2010

Certificate Number: 0766.04

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations and dimensional testing¹:

I. Dimensional

Parameter/Equipment	Range	Best Uncertainty ^{2,3} (\pm)	Comments
Micrometers	(0 to 6) in	$(9 + 6L + 0.6R) \mu\text{in}$	Gage blocks
Calipers	(0 to 8) in (12 to 40) in	$(640 + 6L + 0.6R) \mu\text{in}$ $(680 + 6L + 0.6R) \mu\text{in}$	Gage blocks and Kalmaster
Rules and Tape Measures	0.25 in to 200 ft	$(590 + 6L + 0.6R) \mu\text{in}$	Optical comparator
Pin and Plug Gages	(0.011 to 1) in	45 μin	Bench micrometer
Test balls	(0.25 to 2) in	56 μin	Bench micrometer
Go/No Go Gages	(0.001 to 40) in (0.001 to 2) in (0.001 to 7) in	$(820 + 6L) \mu\text{in}$ 56 μin $(590 + 6L) \mu\text{in}$	CMM Bench micrometer Optical comparator

Parameter/Equipment	Range	Best Uncertainty ^{2,3} (\pm)	Comments
Fixtures	(0.001 to 40) in	$(820 + 6L) \mu\text{in}$	CMM
Radius Gages	(0.010 to 1) in	$(590 + 6L) \mu\text{in}$	Optical comparator
Feeler Gages	(0.0015 to 0.050) in	19 μin	Bench micrometer
Dial & Digital Indicators	(0.25 to 6) in	$(67 + 6L + 0.6R) \mu\text{in}$	Gage blocks

II. Dimensional Testing

Parameter/Equipment	Range	Best Uncertainty ^{2,3} (\pm)	Comments
Length	(0 to 6) in (0 to 24) in	$(130 + 6L) \mu\text{in}$ $(980 + 6L) \mu\text{in}$	ANSI/ASME Y14.5M: Micrometers Caliper
Coordinates in Space	(0 to 40) in	$(820 + 6L) \mu\text{in}$	ANSI/ASME Y14.5M, CMM
Coordinates in Plane	(0 to 12) in	$(590 + 6L) \mu\text{in}$	ANSI/ASME Y14.5M, Optical comparator

III. Mechanical

Parameter/Equipment	Range	Best Uncertainty ^{2,3} (\pm)	Comments
Force Gages	(1 to 200) lb	$(0.012 + 0.6R)$ lb	Deadweight and fixture
Mass	(1 to 2) lb (2 to 4) lb (4 to 7) lb (7 to 10) lb (10 to 15) lb (15 to 20) lb (20 to 25) lb (25 to 30) lb (30 to 35) lb (35 to 50) lb	0.0014 lb 0.0015 lb 0.0016 lb 0.0017 lb 0.0018 lb 0.0021 lb 0.0023 lb 0.0032 lb 0.0035 lb 0.0044 lb	Substitution

¹ This laboratory offers commercial calibration service.

² “Best Uncertainty” is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards of nearly ideal measuring equipment. Best uncertainties represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually a coverage factor of $k = 2$. The best uncertainty of a specific calibration performed by the laboratory may be greater than the best uncertainty due to the behavior of the customer’s device and to influences from the circumstances of the specific calibration.

³ In the statement of best uncertainty, L is the numerical value of the length in inches; R is the numerical value of the resolution of the device.