Accredited Laboratory

A2LA has accredited

DELTA INSPECTION

Livonia, MI

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 R205 – Specific Requirements: Calibration Laboratory Accreditation Program. 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 8 January 2009*).

Presented this 11th day of May 2017.

President and CEO
For the Accreditation Council
Certificate Number 3264.01
Valid to April 30, 2019

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

DELTA INSPECTION
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Livonia, MI 48150
Sam Lindhorst Phone: 734 793 2416

CALIBRATION

Valid To: April 30, 2019 Certificate Number: 3264.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations[1]:

I. Dimensional Testing/Calibration[1]

Parameter/Equipment	Range	CMC[2, 4] (±)	Comments
Major Diameter[3]	(0.030 to 8.00) in	(52 + 7*L*) µin	SIP 300M, master gage blocks
Minor Diameter[3]	(0.030 to 8.00) in	(52 + 7*L*) µin	SIP 300M, master gage blocks
(DOP) Dimension Over Pins, External Gear or Spline[3]	(0.030 to 8.00) in	(86 + 7*L*) µin	SIP 300M, gage pins, master gage blocks
(DBP) Dimension Between Pins, Internal Gear or Spline[3]	(0.100 to 8.00) in	(86 + 7*L*) µin	Master gage blocks, gage pins
(DOB) Dimension Over Balls, External Gear or Spline[3]	(0.030 to 8.00) in	(110 + 7*L*) µin	SIP 300M, gage balls, master gage blocks
(DBB) Dimension Between Balls, Internal Gear or Spline[3]	(0.100 to 8.00) in	(93 + 7*L*) µin	Master gage blocks, gage balls

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[1] This laboratory offers commercial dimensional testing/calibration service.

[2] Calibration and Measurement Capability Uncertainty (CMC) 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 or nearly ideal measuring equipment. CMCs represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

[3] This laboratory meets R205 – *Specific Requirements: Calibration Laboratory Accreditation Program* for the types of dimensional tests listed above and is considered equivalent to that of a calibration.

[4] In the statement of CMC, L is the length at measurement point in inches.