SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

DELTA INSPECTION
36251 Schoolcraft Road
Livonia, MI 48150
John O. Schultz Phone: 734 793 2394

CALIBRATION

Valid To: April 30, 2027 Certificate Number: 3264.01

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the organization's compliance with R205 – A2LA's Calibration Program Requirements), accreditation is granted to this laboratory to perform the following calibrations[1, 4]:

I. Dimensional

Parameter/Equipment	Range	CMC[2, 3] (±)	Comments
Major Diameter – Measure	(0.030 to 8.00) in	(56 + 25*L*) µin	SIP 300M, master gage blocks
Minor Diameter – Measure	(0.030 to 8.00) in	(56 + 25*L*) µin	SIP 300M, master gage blocks
(DOP) Dimension Over Pins – External Gear or Spline	(0.030 to 8.00) in	(79 + 25*L*) µin	SIP 300M, gage pins, master gage blocks
(DBP) Dimension Between Pins – Internal Gear or Spline	(0.100 to 8.00) in	(86 + 25*L*) µin	Master gage blocks, gage pins

[1] This laboratory offers commercial 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] In the statement of CMC, *L* is the numerical value of the nominal length of the device measured in inches.

[4] This scope meets A2LA's *P112 Flexible Scope Policy*.

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 17025:2017 *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 April 2017*).

Presented this 29th day of May 2025.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3264.01
Valid to April 30, 2027

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