



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017
& ANSI/NCSL Z540-1-1-1994

SUMMIT CITY PRECISION MACHINING INC.
815 Lawrence Drive
Fort Wayne, IN 46804
Cary Straley Phone: 260 704 7966

CALIBRATION

Valid To: February 28, 2025

Certificate Number: 6127.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations^{1,4}:

I. Dimensional

Parameter/Equipment	Range	CMC ^{2,3} (±)	Comments
Dimensional Inspection – Linear, (1D), (2D)	Up to 10 mm (10 to 100) mm (100 to 500) mm	0.0038 mm 0.0064 mm 0.019 mm	Starrett horizontal digital video system
3D Fixtures & Artifacts	(800 x 1000 x 600) mm (24 x 32 x 22) in	(0.57 + 0.31L) µm (65 + 2.8L) µin	Leitz PMM-C Reference CMM Hexagon Global S Chrome
Plain Gage – Pins & Plugs Rings	 Up to 1 in (1 to 10) in Up to 1 in (1 to 10) in	 (7.8 + 9.1L) µin (2.9 + 14L) µin (6.3 + 12L) µin (2.4 + 16L) µin	 Pratt & Whitney Labmaster™ LMU-175, gage blocks

¹ This laboratory offers commercial calibration services.

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 or meters.

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



Accredited Laboratory

A2LA has accredited

SUMMIT CITY PRECISION MACHINING INC.

Fort Wayne, IN

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 the requirements of ANSI/NC SL Z540-1-1994 and 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 10th day of March 2023.

A blue ink signature of Trace McInturff, written over a horizontal line.

Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 6127.01
Valid to February 28, 2025

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