



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

SUMMIT CITY PRECISION MACHINING, LLC
815 Lawrence Drive
Fort Wayne, IN 46804
Nick Acra Phone: 260 257 7128

CALIBRATION

Valid To: February 28, 2027

Certificate Number: 6127.01

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 |
|--|--|---|--|
| 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, LLC

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/NCCL 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 3rd day of February 2025.

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

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 6127.01
Valid to February 28, 2027

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