SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SIEMERS INSPECTION SERVICE, INC.
185 N. Leja Drive
Suite C
Vicksburg, MI 49097
Christina Forrest Phone: 269 649 4434

MECHANICAL

Valid To: July 31, 2023 Certificate Number: 1287.01

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

Parameter/Equipment	Range	CMC[2, 3] (±)	Comments
Geometry Measurement[4] –			
1D	Up to 6 in	(430+ 2.4L) µin	Calipers
	Up to 3 in	(270 + 1L) µin	Micrometer
	Up to 1 in	(350 + 0L) µin	Pin Gages
	Up to 0.5 in	290 µin	Radius Gages
	Up to 12 in	(1100 + 2.9L) µin	Height Gage
	Up to 0.0315 in	14 µin	Profilometer
2D X – Y Coordinates	8 in x 6 in	(350 + 14L) µin	Microscope
	12 in x 8 in	(120 + 25L) µin.	Optiv#1 Vision
	8 in x 8 in	(850 + 0.1L) µin	OGP #5
	8.8 in x 4.9 in	(170 + 79L) µin	Key #6
3D	Up to 26 in	(370 + 6.9*L*) µin	CMM
	Up to 9 in	(120 + 32L) µin	OPTIV #1 Touch
Fixture Inspection[4]	Up to 26 in	(370 + 6.9*L*) µin	CMM

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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 measurements 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 measurement 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 measurement.

[3] In the statement of CMC, L represents the numerical value of the nominal length of the device measured in inches.

[4] 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.

Accredited Laboratory

A2LA has accredited

SIEMERS INSPECTION SERVICE, INC.

Vicksburg, MI

for technical competence in the field of

Mechanical Testing

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 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*).

American Association for Laboratory Accreditation
CORPORATE SEAL 1978
DISTRICT OF COLUMBIA
A2LA

Presented this 30th day of June 2021.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1287.01
Valid to July 31, 2023

For the types of tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.