



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ABSOLUTE INSPECTION SERVICES
7690 S. Sprinkle Road
Portage, MI 49002
Hank Schmidt Phone: 269 324 4020

MECHANICAL

Valid To: March 31, 2019

Certificate Number: 2542.01

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

I. Dimensional Testing¹

Parameter	Range	CMC ^{2,4} (±)	Technique/Method
3D Measurement ³ – X Axis Y Axis Z Axis Volumetric	Up to 28 in Up to 28 in Up to 24 in Up to 46 in	(400 + 30L) μin (400 + 30L) μin (400 + 30L) μin (400 + 30L) μin	WI-CMM / CMM
2D Optical ³ – X Axis Y Axis	Up to 18 in Up to 20 in	(780 + 29L) μin (780 + 29L) μin	WI-OVP / vision system
2D Linear ³	Up to 8 in Up to 24 in Up to 12 in Up to 3 in	(1.3 × 10 ³) μin (2.4 × 10 ³) μin (1.2 × 10 ³) μin 130 μin	WI-CAL / calipers WI-CAL / calipers WI-HTG / height gage WI-MIC / micrometer

¹ This laboratory offers commercial dimensional testing service only.

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 This test is not equivalent to that of a calibration.

⁴ In the statement of CMC, L is the length of the unit under test in inches.



Accredited Laboratory

A2LA has accredited

ABSOLUTE INSPECTION SERVICES

Portage, MI

for technical competence in the field of

Mechanical Testing

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 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 24th day of April 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 2542.01
Valid to March 31, 2019

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