



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

HSE DIMENSIONAL LABORATORY, LLC  
29933 Commerce  
Chesterfield, MI 48051  
David Felts Phone: 586 254 0116

MECHANICAL

Valid To: November 30, 2019

Certificate Number: 3412.01

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

I. Dimensional Testing/Calibration<sup>1</sup>

Parameter/Equipment	Range	CMC <sup>2</sup> (±)	Comments
CMM <sup>3</sup>	Up to 59 in	0.009 in	Laser per ANSI/ASME B89.4.1, Section 5.4.3
Micrometers <sup>3</sup>	Up to 3 in	0.0005 in	Master gage blocks
Calipers <sup>3</sup>	Up to 12 in	0.002 in	Master gage blocks

<sup>1</sup> This laboratory offers commercial dimensional testing and calibration service.

<sup>2</sup> 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.

<sup>3</sup> 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

**HSE DIMENSIONAL LABORATORY LLC**

*Chesterfield, 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 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 8 January 2009).



Presented this 28<sup>th</sup> day of November 2017.

A handwritten signature in black ink, appearing to read "L. L. L.", written over a horizontal line.

President and CEO  
For the Accreditation Council  
Certificate Number 3412.01  
Valid to November 30, 2019  
Revised March 20, 2018

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