SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

PJF[6]
301 Rockford Park Drive
Rockford, MI 49341
Joshua Bielecki Phone: 864 469 3641

MECHANICAL

Valid To: *SEE FOOTNOTE 6* Certificate Number: 1856.01

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

I. Dimensional Testing

Parameter/Equipment	Range	CMC[2, 4] (±)	Comments	Location
Part Measurement[5] –				
3D Volumetric	(120 x 48 x 64) in	[1200 + (43 + *M*)*L*] µin	CMM	ROC, CED, DUN
1D Linear	Up to 2 in (2 to 4) in	220 µin 340 µin	Micrometer	ROC, CED, DUN ROC, CED
Part Measurement[5] –				
1D Linear	Up to 6 in Up to 12 in	400 µin 1000 µin	Caliper Caliper	CED, DUN CED

II. Dimensional Testing/Calibration[1]

Parameter/Equipment	Range	CMC[2, 4] (±)	Comments	Location
Inspection Fixtures and Fixture Gages[3] –				
3D Volumetric	(120 x 48 x 64) in	[1200 + (43 + *M*)*L*] µin	CMM	ROC, CED, DUN
1D Linear	Up to 2 in (2 to 4) in Up to 6 in Up to 12 in	220 µin 340 µin 400 µin 1000 µin	Micrometer Caliper	ROC, CED, DUN CED, DUN CED

[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 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] This laboratory meets R205 – *Specific Requirements: Calibration Laboratory Accreditation Program* for the types of dimensional calibrations listed above. Accredited test reports issued containing appropriate statements of measurement results, measurement uncertainty, and traceability are considered equivalent to a "calibration" certificate.

[4] In the statement of CMC, L = length in inches, $M = 3$ (Steel), $M = 6$ (Aluminum), and $M = 12.5$ (Poly-board).

[5] This test is not equivalent to that of a calibration.

[6] The locations of the laboratories that can perform the calibration are given by a three-letter code with valid to dates given in the table below:

Location	**Code**	**Valid to Dates**
301 Rockford Park Drive, Rockford, MI 49341	ROC	November 30, 2020
4030 Cedar Commercial Drive, Cedar Springs, MI 49319	CED	November 30, 2020
915 Berry Shoals Road, Duncan, SC 29334	DUN	November 30, 2020

Accredited Laboratory

A2LA has accredited

PJF

Rockford, 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 April 2017*).

Presented this 23rd day of May 2018.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1856.01
Valid to November 30, 2020
Revised March 16, 2020

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