



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

PETERSON JIG AND FIXTURE, INC<sup>7</sup>  
 301 Rockford Park Drive  
 Rockford, MI 49341  
 Joshua Bielecki Phone: 616 866 8296

MECHANICAL

Valid To: *SEE FOOTNOTE 7*

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<sup>1, 6</sup>:

I. Dimensional Testing

Parameter/Equipment	Range	CMC <sup>2, 4</sup> (±)	Comments	Location
Part Measurement <sup>5</sup> –  3D Volumetric	(120 x 48 x 64) in	[1200 + (43 + M)L] μin	CMM	ROC, CED, DUN
	586 ft <sup>3</sup> (16.6m <sup>3</sup> ) Cubic Range	2(3600 + 11L) μin (Probing & Scanning)	Creaform portable CMM	CED, DUN
	Up to 11 ft (Spherical Range)	2(2700 + 11L) μin	Hexagon Romer	CED
	Up to 11 ft (Spherical Range)	2(3200 + 11L) μin	Absolute Faro	DUN
	300 mm x 200 mm x 100 mm	(380 + 25L) μin	Hexagon Optive 3-2-1	CED
1D Linear	Up to 2 in (2 to 4) in	220 μin 340 μin	Micrometer	ROC, CED, DUN
	Up to 6 in Up to 12 in	1200 μin 1600 μin	Caliper	CED, DUN

## II. Dimensional Testing/Calibration

Parameter/Equipment	Range	CMC <sup>2, 4</sup> ( $\pm$ )	Comments	Location
Inspection Fixtures and Fixture Gages <sup>3</sup> –  3D Volumetric	(120 x 48 x 64) in	$[1200 + (43 + M)L] \mu\text{in}$	CMM	ROC, CED, DUN
	586 ft <sup>3</sup> (16.6m <sup>3</sup> ) Cubic Range	$2(3600 + 11L) \mu\text{in}$ (Probing & Scanning)	Creaform portable CMM	CED, DUN
	Up to 11 ft (Spherical Range)	$2(2700 + 11L) \mu\text{in}$	Hexagon Romer	CED
	Up to 11 ft (Spherical Range)	$2(3200 + 11L) \mu\text{in}$	Absolute Faro	DUN
1D Linear	Up to 2 in (2 to 4) in	220 $\mu\text{in}$ 340 $\mu\text{in}$	Micrometer	ROC, CED, DUN
	Up to 6 in Up to 12 in	1200 $\mu\text{in}$ 1600 $\mu\text{in}$	Caliper	CED, DUN

<sup>1</sup> This laboratory offers commercial dimensional testing/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 calibrations listed above. Accredited test reports issued containing appropriate statements of measurement results, measurement uncertainty, and traceability are considered equivalent to a “calibration” certificate.

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

<sup>5</sup> This test is not equivalent to that of a calibration.

<sup>6</sup> This scope meets A2LA's *P112 Flexible Scope Policy*.

<sup>7</sup> 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:

<b>Location</b>	<b>Doing Business As</b>	<b>Code</b>	<b>Valid to Dates</b>
301 Rockford Park Drive, Rockford, MI 49341	PJF, INC	ROC	November 30, 2022
4030 Cedar Commercial Drive, Cedar Springs, MI 49319	PJF Metrology North, Inc.	CED	November 30, 2022
915 Berry Shoals Road, Duncan, SC 29334	PJF Metrology South LLC	DUN	November 30, 2022



# 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 17025:2017 *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 16<sup>th</sup> day of July 2020.

A blue ink signature of a person, written over a horizontal line.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 1856.01  
Valid to November 30, 2022

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