



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

PJG Metrology South LLC
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Duncan, SC 29334
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MECHANICAL

Valid To: November 30, 2026

Certificate Number: 1856.05

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the organization's compliance with R205 – A2LA's Calibration Program Requirements), accreditation is granted to this laboratory to perform the following tests listed below^{1,7}:

I. Dimensional Testing

Parameter/Equipment	Range	CMC ^{2,5} (±)	Comments
Part Measurement ^{3,6} –			
3D Volumetric	(120 x 48 x 64) in Up to 13 ft	[1200 + (43 + M)L] μin 2(2100+ 8L) μin	CMM Creaform HandySCAN Black Elite
1D Linear	Up to 11 ft (Spherical Range) Up to 2 in (2 to 4) in Up to 6 in Up to 12 in	2(3200 + 11L) μin 220 μin 340 μin 1200 μin 1600 μin	Absolute Faro Micrometer Caliper

II. Dimensional Testing/Calibration

Parameter/Equipment	Range	CMC ^{2, 5} (\pm)	Comments
Inspection Fixtures and Fixture Gages ^{3,4} –	3D Volumetric (120 x 48 x 64) in	$[1200 + (43 + M)L] \mu\text{in}$	CMM
	Up to 13 ft	$2(2100 + 8L) \mu\text{in}$	Creaform HandySCAN Black Elite
1D Linear	Up to 11 ft (Spherical Range)	$2(3200 + 11L) \mu\text{in}$	Absolute Faro
	Up to 2 in (2 to 4) in	220 μin 340 μin	Micrometer
	Up to 6 in	1200 μin	Caliper
	Up to 12 in	1600 μin	

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 Field calibration service is available for this calibration. Please note the actual measurement uncertainties achievable on a customer's site can normally be expected to be larger than the CMC found on the A2LA Scope. Allowance must be made for aspects such as the environment at the place of calibration and for other possible adverse effects such as those caused by transportation of the calibration equipment. The usual allowance for the actual uncertainty introduced by the item being calibrated, (e.g. resolution) must also be considered and this, on its own, could result in the actual measurement uncertainty achievable on a customer's site being larger than the CMC.

⁴ 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.

⁵ In the statement of CMC, L = length in inches, $M = 3$ (Steel), $M = 6$ (Aluminum), and $M = 12.5$ (Poly-board).

⁶ This test is not equivalent to that of a calibration.

⁷ This scope meets A2LA's *P112 Flexible Scope Policy*.



Accredited Laboratory

A2LA has accredited

PJF METROLOGY SOUTH LLC.

Duncan, SC

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).



Presented this 21st day of February 2025.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1856.05
Valid to November, 30 2026

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