



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

PJF METROLOGY SOUTH
 915 Berry Shoals Road
 Duncan, SC 29334
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MECHANICAL

Valid To: June 30, 2017

Certificate Number: 1856.02

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

I. Dimensional Testing/Calibration¹

Parameter/Equipment	Range	CMC ^{2,4} (±)	Comments
Part Measurement ⁵ – 3D Volumetric	(120 x 48 x 64) in	$[1200 + (43 + M)L] \mu\text{in}$	Mitutoyo CHN 1612 CMM
	(80 x 40 x 40) in	$[1200 + (43 + M)L] \mu\text{in}$	Sheffield 12.20.10 CMM
	(28 x 28 x 29) in	$[1200 + (43 + M)L] \mu\text{in}$	Brown & Sharpe Mistral CMM
1D Linear	Up to 2 in Up to 6 in	220 μin 300 μin	Micrometer Caliper

Parameter/Equipment	Range	CMC ^{2,4} (±)	Comments
Inspection Fixtures and Fixture Gages ³ – 3D Volumetric	(120 x 48 x 64) in	$[1200 + (43 + M)L] \mu\text{in}$	Mitutoyo CHN 1612 CMM
	(80 x 40 x 40) in	$[1200 + (43 + M)L] \mu\text{in}$	Sheffield 12.20.10 CMM
	(28 x 28 x 29) in	$[1200 + (43 + M)L] \mu\text{in}$	Brown & Sharpe Mistral CMM
1D Linear	Up to 2 in Up to 6 in	220 μin 340 μin	Micrometer Caliper

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.



Accredited Laboratory

A2LA has accredited

PJF METROLOGY SOUTH

Duncan, SC

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets any additional program requirements in the field of calibration. 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 5th day of June 2015.

A handwritten signature in black ink, reading "Peter Abney".

President & CEO
For the Accreditation Council
Certificate Number 1856.02
Valid to June 30, 2017

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