



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ADVANCED SOLUTIONS AND CALIBRATIONS

222-B Fairburn Industrial Blvd, Suite 200

Fairburn, GA 30213

Ryan Eckhoff Phone: 309 453 4363

CALIBRATION

Valid To: February 29, 2020

Certificate Number: 4827.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations¹:

I. Dimensional

Parameter/Equipment	Range	CMC ² (±)	Comments
Calipers – Length and Depth	Up to 6 in	190 µin	Gage blocks
Micrometers	Up to 6 in	190 µin	Gage blocks

II. Mechanical

Parameter/Equipment	Range	CMC ² (±)	Comments
Force Gages – Tension and Compression	(0.5 to 50) lbf (50 to 100) lbf (100 to 500) lbf (200 to 1000) lbf (200 to 2000) lbf	0.19 lbf 0.73 lbf 1.6 lbf 2.9 lbf 4.8 lbf	Master force sensors and load cells

¹ This laboratory offers commercial 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.

WITHDRAWN



Accredited Laboratory

A2LA has accredited

ADVANCE SOLUTIONS & CALIBRATIONS

Fairburn, GA

for technical competence in the field of

Calibration

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 22nd day of January 2018.

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

President and CEO
For the Accreditation Council
Certificate Number 4827.01
Valid to February 29, 2020
Revised November 29, 2018

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