



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

METRIOC LLC
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CALIBRATION

Valid To: May 31, 2028

Certificate Number: 7554.01

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 calibrations^{1, 4}:

I. Mechanical

Parameter/Equipment	Range	CMC ^{2, 3} (±)	Comments
Force – Measuring Equipment	(10 to 1200) lbf	0.001 % of applied	ASTM E74 (Class AA & Class A), ISO 376, CP2540 Deadweight
	(200 to 11 300) lbf	$0.065 + (1.3^{-5}) F$	ASTM E74 (Class A), ISO 376, CP2540 Transfer standard
	(1266 to 112 000) lbf (13 311 to 1 000 000) lbf	$2.4 + (3.3^{-6}) F$ $24 + (2.5^{-6}) F$	

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.

³ In the statement of CMC, F is the numerical value of the applied force in lbf.

⁴ This scope meets A2LA's *P112 Flexible Scope Policy*