



# CERTIFICATE OF ACCREDITATION

**ANSI National Accreditation Board**  
11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

**Northeast Metrology, Inc.**  
**140 Industrial Drive**  
**East Longmeadow, MA 01028**

has been assessed by ANAB and meets the requirements of international standard

**ISO/IEC 17025:2017**

and national standard

**ANSI/NCSL Z540-1-1994 (R2002)**

while demonstrating technical competence in the field of

**CALIBRATION**

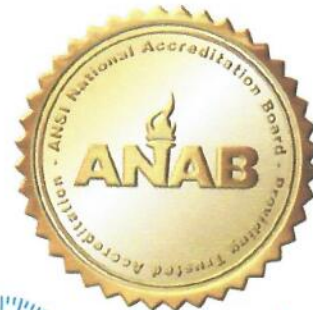
Refer to the accompanying Scope of Accreditation for information regarding the types of activities to which this accreditation applies

AC-1519

Certificate Number

  
ANAB Approval

Certificate Valid Through: 02/15/2021  
Version No. 008 Issued: 12/31/2019



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. 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).



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017 AND ANSI/NCSL Z540-1-1994 (R2002)

Northeast Metrology, Inc.

140 Industrial Drive
East Longmeadow, MA 01028
Mark Kuehl
413-525-1502

CALIBRATION

Valid to: February 15, 2021

Certificate Number: AC-1519

Length – Dimensional Metrology

Table with 4 columns: Parameter/Equipment, Range, Expanded Uncertainty of Measurement (+/-) 2, Reference Standard, Method, and/or Equipment. Rows include Gage Blocks, Regular and Thread Micrometer Standards, Flute, O.D., Depth, Interchangeable-Anvil Micrometers, Caliper / Vernier, Pitch/Gear Wire Sets, Thread Plugs, Thread Rings, Plain Plugs/Discs, Plain Ring Gages, and Electronic, Dial, Test Indicators.





Length – Dimensional Metrology

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) <sup>2</sup>	Reference Standard, Method, and/or Equipment
V-Blocks	Up to 6 in	$(59 + 2.7L) \mu\text{in}$	Assorted Calibrated and Tools
Height Gages <sup>1</sup>	Up to 24 in	$(123 + 3.5L) \mu\text{in}$	Gage Blocks, Surface Plate
Pin Gages	(0.011 to 1) in	$(15 + 5.6L) \mu\text{in}$	UMM Pin Gages Laser Micrometer
Ball Gages	Up to 2 in	$(15 + 2.4L) \mu\text{in}$	UMM Gage Blocks
Squares	Up to 24 in	$(100 + 2L) \mu\text{in}$	Indi-Square, Indicator, Surface Plate

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ( $k=2$ ), corresponding to a confidence level of approximately 95%.

Notes:

1. On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope.
2.  $L$  = Length in inches.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-1519.



Vice President