

# Scope of Accreditation For Eastern Applied Research, Inc

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In recognition of a successful assessment to ISO/IEC 17025:2005 and ANSI Z540-1, accreditation is granted to **Eastern Applied Research, Inc** to perform the following Calibrations:

Accreditation granted through: **September 26, 2012**

## Calibration

### Length - Dimensional Metrology – Hand Tools and Precision Gages 1D

Calibration Parameter/Equipment <sup>1</sup>	Range	Best Measurement Capability (+/-) <sup>2</sup>	Remarks
Instruments	(0.15 to 30) $\mu\text{m}$	4.5 % of reading	ASTM B568 (XRF)

### Length - Dimensional Metrology – Artifacts and Standards 1D

Calibration Parameter/Equipment <sup>1</sup>	Range	Best Measurement Capability(+/-) <sup>2</sup>	Remarks
Coating Thickness			
Standards (Single or Outer Layers)	(0.15 to 30) $\mu\text{m}$	4.5 % of reading	ASTM B568 (XRF)
Standards (Inner Layer)	(0.15 to 30) $\mu\text{m}$	5 % of reading	

Notes:

- 1) Laboratory offers calibration services at the laboratory's own facilities and at the client or other agreed upon facilities.
- 2) Best uncertainties, expressed as a percentage of the applied reading represent expanded uncertainties at approximately the 95% confidence level using a coverage factor of k=2.

Approved by:  Date: December 28, 2009  
R. Douglas Leonard  
Chief Technical Officer