



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005 AND
ANSI/NCSL Z540-1-1994 (R2002)**

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CALIBRATION

Valid to: **November 21, 2020**

Certificate Number: **L2213**

Length – Dimensional Metrology

Parameter / Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method and/or Equipment
Coating Thickness Measuring Equipment and Coating Thickness Standards	(0.1 to 3 000) μin	3.5% of reading	ASTM B568 (X-Ray)
	(100 to 2 000) μin	4.9% for Eddy Current	ASTM E376 (Eddy Current)
	(100 to 60 000) μin	6.2% for Magnetic Induction	ASTM B499 (Magnetic Induction)

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. This scope is formatted as part of a single document including Certificate of Accreditation No. L2213.



Vice President