

Scope of Accreditation For Bowman Analytics, Inc.

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In recognition of a successful assessment to ISO/IEC 17025:2005 & ANSI Z540-1:1994 (R2002) to the following Calibration and Measurement Capabilities, accreditation has been granted to **Bowman Analytics, Inc.** for the following:

Accreditation granted through: **November 21, 2018**

Calibration

Length – Artifacts and Standards 1D

Calibration Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Remarks
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 remarks. 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:

- Laboratory offers calibration services at the laboratory's own facilities and at the client or other agreed upon facilities.

Approved by: 
R. Douglas Leonard
Chief Technical Officer

Date: February 14, 2017

Re-Issued: 2/14/17