



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Optimal Calibration

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CALIBRATION

Valid to: December 4, 2021

Certificate Number: L2170

Length – Dimensional Metrology

Table with 4 columns: Parameter/Equipment, Range, Expanded Uncertainty of Measurement (+/-) 2, Reference Standard, Method, and/or Equipment. Rows include Calibration of Surface Plates (Local Area Flatness) and Overall Flatness (Up to 60 in diagonal, Up to 36 x 48 in, Up to 432 in diagonal, 3 x 4 to 30 x 20 ft).

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. L2170.

Handwritten signature of R. D. Kirchner

Vice President