



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Michigan Spline Gage Company

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CALIBRATION

Valid to: March 3, 2021

Certificate Number: L1064-1

Length – Dimensional Metrology

Table with 4 columns: Parameter/Equipment, Range, Expanded Uncertainty of Measurement (+/-) 2, Reference Standard, Method, and/or Equipment. Rows include Measurement Over Wires, Major Diameter, Minor Diameter, Measurement Over/Under Balls, and Measurement Between Wires.



Length – Dimensional Metrology

Table with 4 columns: Parameter/Equipment, Range, Expanded Uncertainty of Measurement (+/-) 2, Reference Standard, Method, and/or Equipment. Rows include Involute Profile, Index, Lead, Runout, Concentricity (Internal Splines), and Concentricity (External Splines).

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. D = Length in inches.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. L1064-1.

[Signature]
Vice President

