



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Wenzel America, Ltd.
28700 Beck Road
Wixom, MI 48393

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

CALIBRATION

This certificate is valid only when accompanied by a current scope of accreditation document.

The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 20 September 2023

Certificate Number: AC-1566



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Wenzel America, Ltd.

28700 Beck Road
Wixom, MI 48393
Thomas Lundgren
248-295-4300

CALIBRATION

Valid to: **September 20, 2023**

Certificate Number: **AC-1566**

Length – Dimensional Metrology

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) ²	Reference Standard, Method, and/or Equipment
CMMs used for measuring size: Error of indication for size measurements ¹	(0 to 1 000) mm	(0.23 + 2.7L) μm	ISO 10360-2:2001 using Gauge Blocks
CMM Single-stylus Probing Error ¹	Sphere Diameter: (25 to 30) mm	0.53 μm	ISO 10360-5:2010 at 6.2 using Precision Sphere

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 meters.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-1566.



R. Douglas Leonard Jr., VP, PILR SBU

