



# CERTIFICATE OF ACCREDITATION

**The ANSI National Accreditation Board**

Hereby attests that

**Concept Machine Tool,  
B.C. MacDonald & Co. LLC and Metrology Center  
15625 Medina Road  
Minneapolis, MN 55447**

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](http://www.anab.org).

A handwritten signature in black ink, appearing to read 'R.D.L.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 27 March 2024  
Certificate Number: L2135-1



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**

**Concept Machine Tool,  
B.C. MacDonald & Co. LLC and Metrology Center**

15625 Medina Road  
Minneapolis, MN 55447  
Everett Rinke 763-383-4667

**CALIBRATION**

Valid to: **March 27, 2024**

Certificate Number: **L2135-1**


**Length – Dimensional Metrology**

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Video Measuring Systems X & Y Linearity	Up to 300 mm	1.7 µm	Comparison to Glass Scale, Step Gage
	Up to 625 mm	2.4 µm	
Z Linearity	Up to 100 mm	1.2 µm	Comparison to Step Gage, Gage Blocks

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. L2135-1.



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R. Douglas Leonard Jr., VP, PILR SBU