



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

A V Gauge & Fixture Inc.
4000 Delduca Drive
Oldcastle, ON N0R 1L0

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the fields of

Dimensional Measurement

Refer to the accompanying Scope of Accreditation for information regarding the types of calibrations and/or tests to which this accreditation applies.

L2143-1

Certificate Number


ANAB Approval

Certificate Valid: 08/23/2018-08/27/2021
Version No. 002 Issued: 08/23/2018



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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 17025:2005

A V Gauge & Fixture Inc.

4000 Delduca Drive
Oldcastle, ON N0R 1L0
Steve St. Pierre
519-737-7677

DIMENSIONAL MEASUREMENT

Valid to: August 27, 2021

Certificate Number: L2143-1

Length - Dimensional Measurement 1D

Table with 4 columns: Parameter/Equipment, Range, Expanded Uncertainty of Measurement (+/-), Reference Standard, Method, and/or Equipment. Rows include ranges like (0 to 25) mm and (0 to 150) mm with corresponding uncertainty values.

Length - Dimensional Measurement 3D

Table with 4 columns: Parameter/Equipment, Range, Expanded Uncertainty of Measurement (+/-), Reference Standard, Method, and/or Equipment. Rows include 3D ranges like X = (0 to 3 500) mm and Y = (0 to 1 500) mm.

Length – Dimensional Measurement 3D

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Dimensional Measurement 3D	X = (0 to 2 500) mm Y = (0 to 1 500) mm Z = (0 to 1 000) mm	(13 + 0.041L) μm	Coordinate Measuring Machine utilized as Reference Standard for Dimensional Inspection
	X = (0 to 2 000) mm Y = (0 to 1 200) mm Z = (0 to 1 000) mm	(14 + 0.039L) μm	
	X = (0 to 2 000) mm Y = (0 to 1 000) mm Z = (0 to 800) mm	(14 + 0.039L) μm	
	X = (0 to 1 500) mm Y = (0 to 1 000) mm Z = (0 to 800) mm	(14.3 + 0.037L) μm CMM-14054	
	X = (0 to 1 000) mm Y = (0 to 700) mm Z = (0 to 600) mm	(15 + 0.034L) μm	
Dimensional Measurement 3D ¹	(50 to 3 000) mm	(4.8+ 0.045L) μm ROMER ARM 1912	Coordinate Measuring Arm utilized as Reference Standard for Dimensional Inspection
	(50 to 2 500) mm	(5 + 0.065L) μm ROMER ARM-514	
Dimensional Measurement 3D ¹	(50 to 2 500) mm	(4.8 + 0.044L) μm LEICA-AT960-MR	Laser Tracker utilized as Reference Standard for Dimensional Inspection

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:

1. Laboratory offers dimensional measurement services at the laboratory's own facilities and at the client or other agreed upon facilities.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. L2143-1.



Vice President