



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 de Mexico

Euro Business Park, Unit #24

Carretera Queretaro-Mexico KM 201.5

El Marques, Queretaro C.P. 76240

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.

AD-2614

Certificate Number


ANAB Approval

Certificate Valid: 09/04/2018-09/04/2020
Version No. 001 Issued: 09/04/2018



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 de Mexico

Euro Business Park, Unit #24
Carretera Queretaro- Mexico KM 201.5
El Marques, Queretaro C.P. 76240
Steve St. Pierre
519-737-7677

DIMENSIONAL MEASUREMENT

Valid to: September 4, 2020

Certificate Number: AD-2614

Length - Dimensional Measurement 1D

Parameter/Equipment ²	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Dimensional Measurement 1D	(0 to 25) mm (25 to 50) mm (50 to 75) mm	(2.84 + 0.004L) μm (2.90 + 0.008L) μm (2.92 + 0.011L) μm	Micrometer utilized as Reference Standard for Dimensional Inspection
	(0 to 200) mm	(9.04 + 0.008L) μm	Caliper utilized as Reference Standard for Dimensional Inspection

Length - Dimensional Measurement 3D

Parameter/Equipment ²	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Dimensional Measurement 3D	X = (0 to 2 000) mm Y = (0 to 1000) mm Z = (0 to 800) mm	(14.0 + 0.039L) μm	Coordinate Measuring Machine utilized as Reference Standard for Dimensional Inspection
Dimensional Measurement 3D ¹	(50 to 3 000) mm	(3.4+ 0.047L) μm	Coordinate Measuring Arm 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 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 dimensional measurement service is available for this parameter; because 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 is measured in mm.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. AD-2614



Vice President

