



CERTIFICATE OF ACCREDITATION

ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

A V Gauge & Fixture South, LLC

**1201 Deatsville Road
Cox's Creek, KY 40013**

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

ISO/IEC 17025:2017

while demonstrating technical competence in the field of

DIMENSIONAL MEASUREMENT

Refer to the accompanying Scope of Accreditation for information regarding the types of activities to which this accreditation applies

L2052-1

Certificate Number


ANAB Approval

Certificate Valid Through: 11/11/2021
Version No. 002 Issued: 10/24/2019



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

A V Gauge & Fixture South, LLC.

1201 Deatsville Road
Cox's Creek, KY 40013
Tad Bowman
502-331-9819

DIMENSIONAL MEASUREMENT

Valid to: November 11, 2021

Certificate Number: L2052-1

1 Dimensional

Parameter	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Dimensional Measurement 1D	(0 to 101.6) mm	4.4 μ m	Micrometers utilized as Reference Standard for Dimensional Measurement.

3 Dimensional

Parameter	Range	Expanded Uncertainty of Measurement (+/-) ²	Reference Standard, Method, and/or Equipment
Dimensional Measurement 3D	X = 0 mm to 2 000 mm Y = 0 mm to 1 200 mm Z = 0 mm to 1 000 mm	(17 + 32L) μ m	LK CMM
	X = 0 mm to 3 300 mm Y = 0 mm to 1 900 mm Z = 0 mm to 1 400 mm	(20 + 35L) μ m	DEA CMM
Dimensional Measurement 3D ¹	0 mm to 2 500 mm ³	(34+ 24L) μ m	ROMER 7525SI ABSOLUTE ARM

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 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. All Uncertainty Calculations established off In-House Laboratory Environmental Conditions $\pm 2^\circ$ Fahrenheit.
3. Laboratory has ability to Create Multiple Alignments (Leapfrog) to increase stated Measurement Range of Portable CMM.
4. This scope is formatted as part of a single document including Certificate of Accreditation No. L2052-1.



Vice President

