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 South, LLC.
1201 Deatsville Road
Cox's Creek KY 40013

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

ISO/IEC 17025:2005

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.

L2052-1
Certificate Number

ANAB Approval

Certificate Valid: 07/14/2017-11/11/2019
Version No. 001 Issued: 07/14/2017

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).

ANSI-ASQ National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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, 2019** Certificate Number: **L2052-1**

Length - Dimensional Measurement 3D

Measurement Parameter	Range	Expanded Uncertainty of Measurement (+/-) [2]	Remarks
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 + 32*L*) µm	LK CMM
	X = 0 mm to 3 300 mm Y = 0 mm to 1 900 mm Z = 0 mm to 1 400 mm	(20 + 35*L*) µm	DEA CMM
Dimensional Measurement 3D[1]	0 mm to 2 500 mm^3	(34+ 24*L*) µm	ROMER 7525SI ABSOLUTE ARM

Length - Dimensional Measurement 1D

Measurement Parameter	Range	Expanded Uncertainty of Measurement (+/-) [2]	Remarks
Dimensional Measurement 1D	0 to 101.6 mm	4.4 µm	0-4 Micrometers 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 Inspection services at the laboratory's own facilities or any other client approved facility.
2) *L* = Length in meters. All Uncertainty Calculations established off In-House Laboratory Environmental Conditions +/- 2° 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