CERTIFICATE OF REGISTRATION

Society of Independent CMM Service Engineers

MG Metrology Services, Inc.

11328 Bogie Lake Road
White Lake, Michigan 48386 USA

ISO/IEC 17025:2017

This laboratory is accredited in accordance with the recognized Standard ISO/IEC 17025:2017 "General Requirement for the Competence of Testing and Calibration Laboratories." This laboratory also meets the requirements of ANSI/NCSL Z540.3 2006 and any additional program requirements in the field of calibration. MG Metrology Services, Inc. also operates in accordance with ISO 9001:2015 under a separate certificate.

This accreditation demonstrates technical competence for a defined scope and the operation of laboratory quality management systems as defined in the attached supplement.

This approval is subject to the firm maintaining its system to the required standards, which will be monitored by AGS. In the issuance of this certificate, AGS assumes no liability to any party other than the firm named above, and then only in accordance with the agreed upon Quality System Assessment Agreement.

Certification Number: **AGS-**US051515-16/4
Original Approval: **May 15, 2015**
Date of Issue: **May 15, 2024**
Date of Expiration: **May 14, 2027**
Site #: 08

For and On Behalf of American Global Standards, LLC
Stephen Keneally, President

AIAO-BAR ACCREDITED

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6260 SE Monticello Terrace Hobe Sound, FL 33455
Telephone: 617-838-4648 ▪ info@americanglobal.org ▪ www.americanglobal.org

CERTIFICATE OF REGISTRATION

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Calibration Scope of Accreditation ISO/IEC 17025:2017

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Parameters	Range	Measurement Uncertainty	Equipment Remarks
Linear Displacement[3]	0-40 meters	1.55 µm per Meter	Renishaw ML10 Laser Per ASME b89.4.1-1997 Sec 5.4.3 Laser Interferometer
Volumetric and Linear Performance[3]	8 inches	+/- (19+2.1L) µin	8- Inch Glastonbury Gage Per ASME b89.1.9M
Linear Performance[3]	0-24 inches	+/- (20+2L) µin	24- Inch Mitutoyo Step Bar Per ASME b89.1.9M
Linear Performance[3]	0-40 inches	+/- (20+2L) µin	40- Inch Mitutoyo Step Bar Per ASME b89.1.9M
Linear Performance[3]	12 inches	+/- (7.0+.8L) µin	12- Inch CMI Square Block Per ASME b89.1.9M
Volumetric Performance[3]	Ball Bar Lengths (100 through 1000 mm)	+/- (5.0+4.4D) µin	Bal-Tec Ball Bar L=Length of Ball-Bar Per ASME b89.4.1-1997-Sec 5.5.2-Using calibrated sphere
Repeatability[3]	Calibrated spheres ranging from (15.875 through 50.00 mm)	+/- (8.5+1.5) µin	Per ASME b89.4.1-1997-Sec 5.3.3-Using calibrated sphere

Notes:

1) **This laboratory offers commercial calibration service.**

2) **Best Uncertainties represent expanded uncertainties using a coverage factor of k=2 which provides a level of confidence of approximately 95%.**

3) **On-site service is available for this parameter.**
Disclaimer: The uncertainties achievable on a customer's site can normally be expected to be larger than the Best Measurement Capabilities (BMC) that the accredited laboratory has been assigned. Allowances must be made for aspects such as the environment at the place of calibration and for other possible adverse effects such as those caused by transportation of the calibration equipment. The usual allowance for the uncertainty introduced by the time being calibrated, (e.g. resolution) must also be considered and this, on its own, could result in the calibration uncertainty being larger than the BMC.

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