CERTIFICATE OF ACCREDITATION

ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

Advanced Industrial Measurement Systems (AIMS)
2580 Kohnle Drive
Miamisburg, OH 45342

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

ISO/IEC 17025:2017

while demonstrating technical competence in the field of

CALIBRATION

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

AC-2475
Certificate Number

ANAB Approval

Certificate Valid Through: 05/25/2021
Version No. 003 Issued: 04/30/2019

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).

ANSI National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Advanced Industrial Measurement Systems (AIMS)

2580 Kohnle Drive
Miamisburg, OH 45342
Gerald Sees
937-320-4930

CALIBRATION

Valid to: **May 25, 2021** Certificate Number: **AC-2475**

Length – Dimensional Metrology

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) [2]	Reference Standard, Method, and/or Equipment
CMM Linear Accuracy [1]	(0 to 1 000) mm	(0.3 + 4.5*L*) µm	ASME B89.4.10360.2 Gage Blocks
CMM Linear Accuracy [1]	(0 to 10) m	0.42 µm	ASME B89.4.10360.2 Laser interferometer
CMM Volumetric Accuracy [1]	(0 to 900) mm	2.2 µm	ASME B89.4.1b:2001 Ball-Bar
CMM Repeatability [1]	(19 to 50) mm	0.79 µm	ASME B89.4.1b Datum Sphere

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 calibration 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.
3. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-2475.

Vice President