CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Core Services, LLC

1271 Shine Avenue
Myrtle Beach, SC 29577

Fulfills the requirements of

ISO/IEC 17025:2017

and national standard

ANSI/NCSL Z540-1-1994 (R2002)

In the field of

CALIBRATION

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 26 November 2027
Certificate Number: AC-1147

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

AND

ANSI/NCSL Z540-1-1994 (R2002)

Core Services, LLC

1271 Shine Avenue
Myrtle Beach, SC 29577

Joseph D. Lacy 843-2323-0404

CALIBRATION

ISO/IEC 17025 Accreditation Granted: **17 November 2025**

Certificate Number: A**C-1147** Certificate Expiry Date: **26 November 2027**

Length – Dimensional Metrology

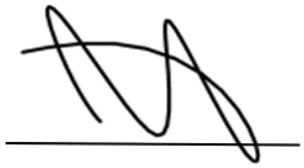
Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
CMM [1] Repeatability	(0 to 25.4) mm	0.87 µm	ASME B89.4.1b Sections 5.3.3; Datum Sphere
CMM [1,2] Linear Displacement Accuracy	(0.1 to 10) m	(0.79 + 1.7*L*) µm	ASME B89.4.1b Sections 5.4.3; Laser Interferometer
CMM [1,2] Linear Displacement Accuracy	(25 to 650) mm	(0.91 + 3.4*L*) µm	ASME B89.4.1b Sections 5.4.2; RBCM 650 Webber Bar
CMM [1,2] Volumetric Performance	(200 to 900) mm	(1.5 + 3*L*) µm	ASME B89.4.1b Sections 5.5.2 and 5.5.4; Ball Bar

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%.

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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.



Jason Stine, Vice President

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