



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Encore Systems Inc.
90 Mosier Parkway
Brookville, OH 45309
(and satellite location as shown on the scope)

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: 08 September 2028
Certificate Number: AC-1140



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)

Encore Systems
90 Mosier Parkway
Brookville, OH 45309
Rick Meredith 937-833-4469

CALIBRATION

ISO/IEC 17025 Accreditation Granted: **04 September 2026**

Certificate Number: **AC-1140**

Certificate Expiry Date: **08 September 2028**

Electrical – DC/Low Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Controllers and Signal Conditioners – Simulation	(0.2 to 4) mV/V	0.34 % of reading	Comparison to Digital Multimeter, Precision DC Power Supply, Transducer Simulator

Length – Dimensional Metrology

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Calipers	Up to 12 in (12 to 24) in	643 μ in 0.002 in	Comparison to Gage Blocks, Length Standards
Depth Gages	Up to 1 in	145 μ in	Comparison to Gage Blocks, Length Standards
Gap Gages	Up to 12 in	147 μ in	Comparison to Gage Blocks, Micrometers

Length – Dimensional Metrology

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Height Gages	Up to 24 in	0.002 in	Comparison to Gage Blocks, Length Standards
Indicators	Up to 1 in	131 μ in	Comparison to Gage Blocks, Length Standards
Outside Micrometers	Up to 12 in	147 μ in	Comparison to Gage Blocks, Length Standards

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Hand-held Torque Wrenches ¹	Up to 250 lbf·in (0.2 to 1 000) lbf·ft	0.48 lbf·in 1.5 lbf·ft	Comparison to Signal Conditioners, Precision Torque Transducers
DC Power Torque Tools ¹	(0.7 to 1 000) lbf·ft	0.27 % of reading	Comparison to Signal Conditioners, Precision Torque Transducers
DC Power Torque Tools	(0.7 to 1 000) lbf·ft	1.2 lbf·ft	Comparison to Signal Conditioners, Precision Torque Transducers
Air Tools-Transducers ¹	(0.7 to 1 000) lbf·ft	0.9 lbf·ft	Comparison to Signal Conditioners, Precision Torque Transducers
Torque Transducer	Up to 100 lbf·in 100 lbf·in to 20 lbf·ft (20 to 1 100) lbf·ft	0.009 % of reading 0.044 % of reading 0.017 % of reading	Comparison to Signal Conditioners, Reference Weights, Deadweight Fixture, Torque Arms
Pressure – Pneumatic	Up to 300 psig	0.27 psi	Comparison to Fluke 717G-300G Pressure Calibrator

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Mass Determination	Up to 50 lb	0.015 lb	Double Substitution Method using OIML Class E2 weights, Differential Balance

Services performed at this satellite location

Encore Systems
Orion #1463 Int. 1
Parque Industrial Orion
Apodaca, Nuevo Leon, Mexico CP66600

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
DC Power Tools ^{1,2}	(1 to 400) lbf·ft	0.27 % of reading	Comparison to Signal Conditioners, Precision Torque Transducers

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. This site operates under Encore Systems Inc., but the legal entity name is K&S Servicios Industriales.
3. Unless otherwise specified in the far-right column, the calibration method/procedure utilized by the client has been developed internally.
4. The legal entity of both locations is SunSource.



Jason Stine, Vice President