CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Industrial Bolting Technologies, Inc.
#6 McCown Circle
Charleston, WV 25313

Fulfills the requirements of

ISO/IEC 17025:2017

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: 04 November 2027
Certificate Number: L2403

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

Industrial Bolting Technologies, Inc.

#6 McCown Circle
Charleston, WV 25313
Mike McCown 304-744-9489

CALIBRATION

ISO/IEC 17025 Accreditation Granted: **04 November 2025**

Certificate Number: **L2403** Certificate Expiry Date: **04 November 2027**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Manual Torque Wrenches	(10 to 100) lbf·in (50 to 500) lbf·in (25 to 250) lbf·ft (75 to 750) lbf·ft	3.9 lbf·in 11 lbf·in 3.8 lbf·ft 9.6 lbf·ft	Comparison to AWS MTMDP-4 Torque Calibration System
Manual Torque Wrenches	(100 to 1 000) lbf·ft	17 lbf·ft	Comparison to AKO Torque Master Calibration System, AKO TSD20011 Torque Transducer, AKO TDS6500-2 Torque Display
Hydraulic Torque Wrenches	(50 to 20 000) lbf·ft	81 lbf·ft	Comparison to AKO Torque Master Calibration System, TSD20011 Torque Transducer, TSD10KPT Pressure Transducer, TDS6500-2 Torque Display

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Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Hydraulic Torque Wrenches	(50 to 40 000) lbf·ft	120 lbf·ft	Comparison to AKO Torque Master Calibration System, TSD40011 Torque Transducer, TSD10KPT Pressure Transducer, TDS6500-3 Torque Display
Pneumatic Torque Wrenches	(100 to 10 000) lbf·ft	120 lbf·ft	Comparison to AKO Torque Master Calibration System, TSD20011 Torque Transducer, TDS6500-2 Torque Display
Pressure Gages	(0 to 100) psig (0 to 1 000) psig (0 to 5 000) psig (0 to 10 000) psig	0.73 psi 6.4 psi 33 psi 65 psi	Comparison to Crystal Engineering GAUGECALXP Pressure Comparator, Crystal Engineering 100PSIXP2i, 1KPSIXP2i, 5KPSIXP2i, 10KPSIXP2i Reference Pressure Gages

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. Unless otherwise specified in the far-right column, the calibration method/procedure was developed and validated internally.

Jason Stine, Vice President

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