



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.

A handwritten signature in black ink, appearing to be 'J. Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 04 November 2025
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

Valid to: **November 4, 2025**

Certificate Number: **L2403**

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	1.1 lbf·in 5.5 lbf·in 6.9 lbf·ft 8.4 lbf·ft	AWS MTMDP-4 Torque Calibration System and ISO 6789 utilized in the calibration of these torque devices.
	(100 to 1 000) lbf·ft	15 lbf·ft	AKO Torque Master Calibration System, AKO TSD20011 Torque Transducer, AKO TDS6500-2 Torque Display
Hydraulic Torque Wrenches	(100 to 2 500) lbf·ft (1 250 to 25 000) lbf·ft	37 lbf·ft 130 lbf·ft	AWS 41012-HYDP Torque Test Stand, AWS 41025 Torque Test Stand
	(50 to 20 000) lbf·ft	79 lbf·ft	AKO Torque Master Calibration System, AKO TSD20011 Torque Transducer, AKO TSD10KPT Pressure Transducer, AKO TDS6500-2 Torque Display
Pneumatic Torque Wrenches	(100 to 2 500) lbf·ft	140 lbf·ft	AWS 41012-HYDP Torque Test Stand, AWS 41014-HYDP Torque Test Stand

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Pneumatic Torque Wrenches	(100 to 10 000) lbf·ft	150 lbf·ft	AKO Torque Master Calibration System, AKO TSD20011 Torque Transducer, AKO 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	0.81 psi 6.9 psi 32 psi 64 psi	Crystal Engineering GAUGEALXP 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. This scope is formatted as part of a single document including Certificate of Accreditation No. L2403.



Jason Stine, Vice President