



# CERTIFICATE OF ACCREDITATION

**The ANSI National Accreditation Board**

Hereby attests that

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

Fulfils 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](http://www.anab.org).

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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<br>(50 to 500) lbf·in<br>(25 to 250) lbf·ft<br>(75 to 750) lbf·ft | 3.9 lbf·in<br>11 lbf·in<br>3.8 lbf·ft<br>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 |

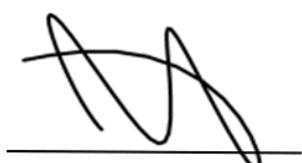
**Mass and Mass Related**

| Parameter/Equipment       | Range   | Expanded Uncertainty of Measurement (+/-) | Reference Standard, Method, and/or Equipment  |
|---------------------------|---|---|---|
| Hydraulic Torque Wrenches | (50 to 20 000) lbf·ft   | 120 lbf·ft                                | Comparison to AKO Torque Master Calibration System, TSD40011<br>Torque Transducer, TSD10KPT<br>Pressure Transducer, TDS6500-3<br>Torque Display                   |
| Pneumatic Torque Wrenches | (100 to 10 000) lbf·ft  | 110 lbf·ft                                | Comparison to AKO Torque Master Calibration System, TSD20011<br>Torque Transducer, TDS6500-2<br>Torque Display  |
| Pressure Gages            | (0 to 100) psig<br>(0 to 1 000) psig<br>(0 to 5 000) psig<br>(0 to 10 000) psig | 0.73 psi<br>6.4 psi<br>33 psi<br>65 psi   | Comparison to Crystal Engineering GAUGECALXP<br>Pressure Comparator, Crystal Engineering 100PSIXP2i, 1KPSIXP2i, 5KPSIXP2i, 10KPSIXP2i<br>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:

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



Jason Stine, Vice President