



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Southern Bolting Equipment, Inc.
37534 Highway 30, Suite C
Gonzales, LA 70737

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: 10 January 2025
Certificate Number: L2467



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

Southern Bolting Equipment, Inc.

37534 Highway 30, Suite C
Gonzales, LA 70737
Steve Frith 225-644-4500

CALIBRATION

Valid to: **January 10, 2025**

Certificate Number: **L2467**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Pressure Gauges ¹	(0 to 1 000) psig	2.5 psi	Crystal Engineering 1KPSIXP2i CalXP Master Pressure Gauge
	(0 to 10 000) psig	60 psi	Crystal Engineering 10KPSIXP2i CalXP Master Pressure Gauge
Hydraulic Torque Wrenches ¹	(50 to 20 000) lbf·ft	130 lbf·ft	AKO Torque Calibration System: TSD20011 Torque Transducer, TSD6500-2 Display
Hydraulic Torque Wrenches	(500 to 40 000) lbf·ft	77 lbf·ft	AKO Torque Calibration System: TSD40011 Torque Transducer, TSD6500-2 Display
Manual Torque Wrenches ¹	(50 to 2 000) lbf·ft	28 lbf·ft	AKO Torque Calibration System: TSD20011 Torque Transducer, TSD6500-2 Display
Manual Torque Wrenches	(25 to 250) lbf·ft (75 to 750) lbf·ft	3.5 lbf·ft 6 lbf·ft	AWS MTMDP-2L Torque Calibration System
	(500 to 2 000) lbf·ft	21 lbf·ft	AKO Torque Calibration System: TSD40011 Torque Transducer, TSD6500-2 Display
Pneumatic Torque Wrenches ¹	(50 to 1 000) lbf·ft (200 to 4 000) lbf·ft (1 000 to 10 000) lbf·ft	17 lbf·ft 56 lbf·ft 140 lbf·ft	AKO Torque Calibration System: TSD20011 Torque Transducer; Crystal 1K Gauge


Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Pneumatic Torque Wrenches	(50 to 1 000) lbf·ft (500 to 3 000) lbf·ft (1 000 to 5 000) lbf·ft	18 lbf·ft 72 lbf·ft 81 lbf·ft	Intellect Transducer with Bench Stand System; Crystal 1K Gauge

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 scope is formatted as part of a single document including Certificate of Accreditation No. L2467.



Jason Stine, Vice President

