CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Torque Tools Inc.
9421 FM 2920 Bldg. 2
Tomball, TX 77375

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: 19 September 2028

Certificate Number: AC-3309

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

Torque Tools, Inc.

9421 FM 2920 Bldg. 2
Tomball, TX 77355

281-320-8677

CALIBRATION

ISO/IEC 17025 Accreditation Granted: **15 September 2026**

Certificate Number: **AC-3309** Certificate Expiry Date: **19 September 2028**

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Manual Torque Wrench	(20 to 240) lbf·in (20 to 200) lbf·ft (200 to 2 000) lbf·ft	1.1% + 0.42 lbf-in 0.61% + 0.38 lbf-ft 0.078% + 4 lbf-ft	Comparison to AKO Torque Master Calibration System Torque Transducer TSD2011, TSD111/200 & TSD011/020
Hydraulic Torque Wrench	(100 to 9 000) lbf-ft. (4 000 to 35 000) lbf-ft.	0.11% + 1.5 lbf-ft 0.14% + 5.4 lbf-ft	Comparison to AKO Torque Master Calibration System Torque Transducer TSD10011-L, TSD40011 and Pressure Transducer TSD10KPT
Torque Wrench Battery/Electronic/Electric/ Pneumatic	(75 to 1 500) lbf-ft. (175 to 3 500) lbf-ft. (175 to 3 500) lbf-ft. (350 to 6 000) lbf-ft. (350 to 6 000) lbf-ft.	1.5% + 1.7 lbf-ft 0.41% + 3.7 lbf-ft 0.36% + 9.3 lbf-ft 0.19% + 10 lbf-ft 0.065% + 5.5 lbf-ft	Comparison to NWT Torque Transducers RAD 1500 S/N TT00229 RAD 3500 S/N TT00224 RAD 3500 S/N TT00586 RAD 7000 S/N TT00581 RAD 7000 S/N TT00697

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Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Pressure Gauge	(50 to 500) psi (200 to 5 000) psi (2 000 to 20 000) psi (8 000 to 40 000) psi	0.26% + 0.32 psi -0.0063% + 2 psi 0.03% + 2 psi 0.05% + 12 psi	Comparison to Additel Pressure Transducer Model ADT681-02-GP500, ADT681A-05-GP5K, ADT681-05-GP20K & ADT681-10-GP40K

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.

Jason Stine, Vice President

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