

Certificate of Calibration

Certificate Number: **121494**



Boise Calibration Se

7482 Lemhi Street

Boise, ID 83709

Phone 208-376-8430

FAX

Solar Tools USA

PO: **22918-10/1/25**

Order Date: **10/02/2025**

Authorized By: **N/A**

Calibrated on: **10/06/2025**

*Recommended Due: **10/06/2026**

Environment: **20 °C 31 % RH**

* As Received: **Within Tolerance**

* As Returned: **Within Tolerance**

Action Taken: **Calibrated**

Technician: **4**



5608.01
Calibration

Property #: **N/A**
User: **N/A**
Department: **N/A**
Make: **Solar Tools USA**
Model: **3.5nm**
Serial #: **22918-T.L.-3**
Description: **Torque Limiter**
Procedure: **DCN 500944**
Accuracy: **Raw Data**

Remarks: * Many factors may cause the unit to drift out of calibration before the recommended due date. Any reported error is the absolute value between the reference and the unit. Uncertainties include the effects of the unit.

Raw data with uncertainty provided, desired accuracy unknown.

Standards Used

Std ID	Manufacturer	Model	Nomenclature	Due Date	Trace ID
304A	AKO	TSD 6500	Torque Calibrator, 0-800 ft/lb	07/23/2026	120266

Measurement Data

Parameter	Measurement Description	Range Unit	Reference	Min	Max	*Error	UUT	Uncertainty
Before/After								Accredited = ✓
Torque								
CW		Nm	3.50	0.0	0.0	0.2	3.3 Nm	9E-02 ✓
CW		Nm	3.50	0.0	0.0	0.4	3.1 Nm	9E-02 ✓
CW		Nm	3.500	0.00	0.00	0.15	3.35 Nm	9E-02 ✓
CW		Nm	3.50	0.0	0.0	0.4	3.1 Nm	9E-02 ✓
CW		Nm	3.50	0.0	0.0	0.2	3.3 Nm	9E-02 ✓
CW		Nm	3.500	0.00	0.00	0.15	3.35 Nm	9E-02 ✓

This instrument has been calibrated in accordance with the BCS Quality Assurance Manual and is traceable to the SI through an NMI such as but not limited to National Institute of Standards and Technology (NIST). The quality system and this certificate are in compliance with ANSI/NCCL Z540-1-1994, ISO/IEC 17025-2017, ISO 10012-1, the ISO 9000 family and QS 9000. The expanded uncertainties of measurements for this calibration are based upon approximately 95% (2 sigma) confidence limits. Unless stated in the comments, certificates reflect the "Simple Acceptance Rule" as specified by ILAC G8:2019. A test uncertainty ratio (TUR) of 4:1, if achievable, is maintained. Where uncertainties are reported, see uncertainties to calculate TUR to determine your possible Risk. The results reported herein apply only to the calibration of the item described above. BCS does not alter or update software of the UUT, version stays the same unless otherwise noted. This report may not be reproduced, except in full, without written approval of JJ Calibrations

Reviewer

3 Issued 10/07/2025

Rev # 15

Inspector

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