

CERTIFICATE OF CALIBRATION

HYTORC TECHNOLOGIES GMBH
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MANUFACTURER HYTORC Technologies
TOOL MODEL LST-3000
STATED ACCURACY $\pm 5\%$

SERIAL # 19260009D
ASSET # N/A

SETTINGS RANGE 500 to 3.000

PROCEDURE AND METHOD USED

The Electric Torque Tool was calibrated on Torque Specialities TORQUE MASTER Automated Hydraulic Calibration System, in accordance with

CALIBRATION EQUIPMENT USED

Torque Specialities TORQUE MASTER Automated Hydraulic Calibration System

[X] TSD20011, s/n 8260, 0 to 20000 ft.lb. Torque Cell with TSD6500-3 s/n 21326 Instrument, NIST Traceability Reference # 166170, Calibration Date: 03.04.2026, Calibration Due Date 03.2027, Accuracy within ± 0.25 Indicated Value.

Tool is calibrated at intervals indicated. Type of Joint: Low Torque-Rate per SOP-0522-1

Calibration performed at Temperature 20°C Relative Humidity 29%

Standard Torque

Screen Settings	MIN Torque [Lb.ft (N.m)]	MAX Torque [Lb.ft (N.m)]	As Received / As Left Torque
500	475 (644)	525 (712)	520 (705) ✓
1,125	1,068 (1,448)	1,181 (1,601)	1,144 (1,551) ✓
1,750	1,662 (2,253)	1,837 (2,491)	1,754 (2,378) ✓
2,375	2,256 (3,059)	2,493 (3,380)	2,400 (3,254) ✓
3,000	2,850 (3,864)	3,150 (4,271)	3,062 (4,152) ✓

Inspection Checks Done, Reverse, High Speed & Trq Angle: PASSED ✓

As Received / As Left Calibration PASSED ✓

CALIBRATED BY: Per Wiemer

CERTIFICATE #: 1-260513083226

CALIBRATION INTERVAL: 1 Year

CALIBRATION DUE DATE: May 13, 2027

UNCERTAINTY: 1% of reading

HYTORC-Hustach

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TVA : FR 11 808 881 189

APPROVED BY: Per Wiemer

Lab Manager

CALIBRATION DATE: May 13, 2026

ISSUE DATE: May 13, 2026

DATE TOOL PUT IN SERVICE: Oct 09, 2026

Calibrations are in accordance with requirements of ISO/IEC 17025:2017. Calibration results were obtained using equipment capable of producing results that are traceable to NIST and through NIST to the International System of Units (SI). Expanded uncertainties expressed at approximately 95% confidence levels using a coverage factor K=2 was accounted for in making compliance/non compliance decision with specification, and are available upon request within 30 days of calibration date. Results are valid only to the above item calibrated at the time of test. This certificate shall not be reproduced except in full without the written permission of HYTORC TECHNOLOGIES GMBH. Pass/Fail results are based on +/- tolerance only. Many factors may cause an item to drift out of tolerance before the next scheduled calibration.

(created with HY-Cal-D v1.6.2)