



THE AMERICAN ASSOCIATION FOR
LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

TEAM TORQUE, INC.
Bismarck, ND

for technical competence in the field of

Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and any additional program requirements in the field of calibration. 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 18 June 2005*).



Presented this 9th day of September 2008.

A handwritten signature in cursive script, reading "Peter Abney".

President
For the Accreditation Council
Certificate Number: 2472.01
Valid to: September 30, 2010

For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005
& ANSI/NCSL Z540-1-1994

TEAM TORQUE, INC.
 1231 Park Avenue
 Bismarck, ND 58504
 Jim Mueller Phone: 701 223 4552

CALIBRATION

Valid To: September 30, 2010

Certificate Number: 2472.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations¹:

I. Mechanical

Parameter/Equipment	Range	Best Uncertainty ^{2,3} (±)	Comments
Torque – Wrenches	3.5 in·oz to 50 in·lb (51 to 150) in·lb (151 to 400) in·lb (401 to 1000) in·lb (25 to 250) ft·lb (251 to 600) ft·lb (601 to 1000) ft·lb (1001 to 2000) ft·lb	1.3 % 1.1 % 0.80 % 0.68 % 1.2 % 0.89 % 1.1 % 1.2 %	Torque tester
Watches	0.5 in·oz to 20 in·lb	0.79 %	
Screwdrivers	2.0 in·oz to 50 in·lb (51 to 400) in·lb	1.3 % 0.80 %	
Torque Transducers	0.5 in·oz to 500 in·lb (25 to 250) ft·lb (251 to 600) ft·lb (601 to 2000) ft·lb	0.12 % 0.24 % 0.39 % 0.56 %	Dead weights

II. Electrical – DC & Low Frequency

Parameter/Equipment	Range	Best Uncertainty ² (±)	Comments
DC Voltage – Measure	(1.0 to 100) mV 101 mV to 1 V (1.001 to 10) V (10.001 to 30) V	0.036 mV 0.064 mV 0.46 mV 5.9 mV	6.5 digit digital multimeter

¹ This laboratory offers commercial calibration service.

² “Best Uncertainty” is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards of nearly ideal measuring equipment. Best uncertainties represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The best uncertainty of a specific calibration performed by the laboratory may be greater than the best uncertainty due to the behavior of the customer’s device and to influences from the circumstances of the specific calibration.

³ In the statement of best uncertainty, all percentages represent percent of range.