



THE AMERICAN ASSOCIATION FOR  
LABORATORY ACCREDITATION

## ACCREDITED LABORATORY

A2LA has accredited

**ROBB PRECISION TOOL SERVICES, INC.**  
**Seattle, WA**

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 2<sup>nd</sup> day of March 2007.

A handwritten signature in black ink, appearing to read "Peter Meyer", written over a horizontal line.

President  
For the Accreditation Council  
Certificate Number 2557.01  
Valid to May 31, 2009



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

ROBB PRECISION TOOL SERVICES, INC.  
 3252 NW 56th Street  
 Seattle, WA 98107  
 Robert Robb Phone: 206 789 2326

CALIBRATION

Valid To: May 31, 2009

Certificate Number: 2557.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations<sup>1</sup>:

I. Mechanical

| Parameter/Equipment          | Range   | Best Uncertainty <sup>2</sup> (±)  | Comments                         |
|------------------------------|---|--|----------------------------------|
| Torque Wrenches              | 0.5 in•oz to 50 in•lb<br>(50 to 375) in•lb<br>(376 to 1000) in•lb<br>(25 to 250) ft•lb<br>(251 to 600) ft•lb<br>(601 to 1000) ft•lb<br>(1001 to 2000) ft•lb | 1.2 % indicated value (IV)<br>0.4 % IV<br>0.4 % IV<br>0.3 % IV<br>1 % IV<br>0.3 % IV<br>0.4 % IV | CDI torque loader and load cells |
| Torque Screwdrivers          | 6 in•oz to 40 in•lb   | 1.2 % IV   | CDI torque loader and load cells |
| Torques Testers, Transducers | (0.5 to 750) in•lb<br>(12.5 to 250) ft•lb<br>(251 to 2000) ft•lb  | 0.1 % IV<br>0.06 % IV<br>0.05 % IV   | Movement arms, certified weights |

<sup>1</sup> This laboratory offers commercial calibration service.

<sup>2</sup> “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.