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

API SERVICES
709 City Center Blvd., Suite B-105
Newport News, VA 23606
Brandy Falls Phone: 757 813 7869

CALIBRATION

Valid To: September 30, 2017 Certificate Number: 2229.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations[1]:

I. Dimensional

Parameter/Equipment	Range	CMC[2] (±)	Comments
Laser Tracking System	80 m	2.0 µm/m	1st ref. laser[3], frequency counter[3], trans. ref. laser, weather station, polygon mirror[3], autocollimator, angle encoder bundle[4]

[1] This laboratory offers commercial calibration service.

[2] Calibration and Measurement Capability Uncertainty (CMC) 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 or nearly ideal measuring equipment. CMCs represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

[3] Instrument is calibrated by a laboratory accredited to ISO/IEC 17025:2005 by an accreditation body that is a signatory of the ILAC Mutual Recognition Arrangement or by a National Metrology Institute. (e.g. NIST and NIM).

[4] Some calibrations and measurements are traceable to natural, physical constants, consensus standards, or ratio type measurements.

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Accredited Laboratory

A2LA has accredited

API SERVICES

Newport News, VA

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/NCSLZ540-1-1994 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 8 January 2009*).

Presented this 3rd day of March, 2016.

Senior Director of Quality and Communications
For the Accreditation Council
Certificate Number 2229.02
Valid to September 30, 2017

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