



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

NEWPORT CORPORATION
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 Irvine, CA 92606
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CALIBRATION

Valid To: August 31, 2013

Certificate Number: 2893.01

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

I. Dimensional

Parameter/Equipment	Range	CMC ^{2,3} (±)	Comments
Photovoltaic Cells – Measurement of Area	0.5 cm x 0.5 cm to 18 cm x 18 cm	0.2 %	Sciencescope video measurement system

II. Electrical – DC/Low Frequency

Parameter/Equipment	Range	CMC ^{2,3} (±)	Comments
DC Current	1 mA to 5 A	2 %	Keithley 2440-C sourcemeter, ASTM E948
DC Voltage	200 mV to 40 V	1 %	Keithley 2440-C source meter, ASTM E948

Parameter/Equipment	Range	CMC ^{2,3} (±)	Comments
EQE	(300 to 1050) nm	5 %	Oriel MS260i Oriel Digital 70104 radiometry system ASTM E1021

¹ This laboratory offers commercial calibration service.

² Calibration and Measurement Capability (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. Calibration and Measurement Capabilities 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 In the statement of CMC, percentages are to be read as percent of reading, unless noted otherwise.



World Class Accreditation

The American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

NEWPORT CORPORATION

Irvine, CA

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 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 27th day of October 2011.





Peter Meyer

President & CEO
For the Accreditation Council
Certificate Number 2893.01
Valid to August 31, 2013

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