



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ARTIN ENGINEERING AND CONSULTING GROUP, INC.
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ELECTRICAL¹

Valid to: June 30, 2019

Certificate Number: 2878.01

In recognition of the successful completion of the A2LA Accreditation Program (including an assessment of the organization's compliance with A2LA's EPA ENERGY STAR[®] Accreditation Program¹ requirements), accreditation is granted to this laboratory to perform the following Electrical tests:

Test Technology:

Test Method(s):

RECHARGABLE BATTERIES

<p>Cell, Battery Pack, Host, Adapter</p>	<p>CTIA Certification Requirements for Battery System Compliance to IEEE 1725; CTIA Certification Requirements for Battery System Compliance to IEEE 1625; Verizon Wireless Compliance Test Plan for Batteries and Chargers</p>
<p>ESD</p>	<p>IEC 61000-4-2</p>
<p>Surge</p>	<p>IEC 61000-4-5</p>
<p>Road Vehicles – Electrical Transient Conduction</p>	<p>ISO 7637-2</p>
<p>Package Drop</p>	<p>National Motor Freight Classification 180; ASTM D5276</p>
<p>Energy Consumption – Battery Chargers</p>	<p>10 CFS 430 Appendix Y</p>
<p>Measurement of Standby Power</p>	<p>IEC 62301</p>

Test Technology:

Test Method(s):

ENERGY STAR TESTS

Audio/Video

ENERGY STAR Program Requirements for
Audio/Video Version 3.0;
ENERGY STAR Test Method for Audio/Video
Rev. July-2012

Computers

ENERGY STAR Program Requirements for
Computers Version 6.1;
ENERGY STAR Test Method for Computers
Rev. March-2016

(CTIA – Cellular Telecommunication & Internet Association)

¹ A2LA provides accreditation to the U.S. EPA's [Conditions and Criteria for Recognition of Laboratories for the ENERGY STAR Program](#) by verifying an organization's compliance to A2LA document [R222 - Specific Requirements - EPA ENERGY STAR Accreditation Program](#) and to the related test methods listed above.

Accreditation by A2LA does not infer Recognition by the EPA for ENERGY STAR testing. Please verify this organization's recognition status by using the EPA's searchable database, located at http://www.energystar.gov/index.cfm?fuseaction=recognized_bodies_list.show_RCB_search_form





Accredited Laboratory

A2LA has accredited

ARTIN ENGINEERING AND CONSULTING GROUP, INC.

San Diego, CA

for technical competence in the field of

Electrical Testing

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 A2LA R222 - Specific Requirements - EPA ENERGY STAR Accreditation Program. 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 14th day of April 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 2878.01
Valid to June 30, 2019

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