



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

BW ENERGY & INNOVATION LLC
1752 Fields Blvd.
Greenfield, IN 46140
Chris Murphy Phone: 317 385 1858
Email: cmurphy@bw-ei.com

ELECTRICAL

Valid To: May 31, 2025

Certificate Number: 3307.01

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

<u>Test Types/Test Capabilities:</u>	<u>Test Method</u> ^{1,2}:
Comprehensive Life Test for 12 V Automotive Storage Batteries	SAE J2801
Life Test for Automotive Storage Batteries	SAE J240
Flame Arrestor Vent for Lead Acid Batteries	SAE J1495
Charge Acceptance for Lead Acid Storage Batteries	SAE J537
Cold Cranking for Lead Acid Storage Batteries	SAE J537
Life Test for Heavy-Duty Storage Batteries	SAE J2185
Reserve Capacity for Lead Acid Batteries	SAE J537
Lead-Acid Batteries for Motorcycles, Tricycles, and Quadricycles	ABNT NBR 15941 (<i>excluding section 5.3.8 [Vibration]</i>)
Lead-Acid Batteries for Use in Motor Vehicles of Four or More Wheels	ABNT NBR 15940 (<i>excluding section 8.5.8 [Vibration]</i>)

¹Also using customer supplied specifications using the following test parameters and ranges directly related to the types of tests and test equipment capabilities listed above.

Parameter:

Range:

VDC - Measure	(0 to 63) V
VDC - Source	(0 to 63) V
ADC - Measure	(-200 to 2000) A
ADC - Source	(-2000 to 2000) A
Power - Source	(-18,200 to 18,000) W
Temperature	(-40 to 90) °C

² When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA R101 - *General Requirements- Accreditation of ISO-IEC 17025 Laboratories*.

On the following products or types of products:

Batteries, including but not limited to: lithium ion, lead acid and NiMH at the cell, module, and pack levels.





Accredited Laboratory

A2LA has accredited

BW ENERGY & INNOVATION LLC

Greenfield, IN

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. 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 April 2017).



Presented this 8th day of August 2023.

A blue ink signature of Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3307.01
Valid to May 31, 2025
Revised: March 4, 2024

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