



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY ATLANTA-GAINESVILLE, LLC
2350 Centennial Drive
Gainesville, GA 30504
Laura Harrod Phone: 404-954-2054

MECHANICAL

Valid To: November 30, 2027

Certificate Number: 6836.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on lithium primary batteries, lithium secondary batteries, nickel secondary batteries, and alkaline primary batteries:

Test:

Altitude Simulation (Low Pressure)

Test Method(s):

UN Manual of Tests-UN 38.3;
IEC 62281, 62133-1, 62133-2;
UL/CSA 62133-1, 62133-2

Temperature Cycling (with and without Humidity)

UN Manual of Tests-UN 38.3;
IEC 62281;
RTCA DO-293

Vibration

UN Manual of Tests-UN 38.3;
IEC 62281, 62133-1, 62133-2;
UL 62133-2, 2054, 1642;
RTCA DO-293

Mechanical Shock

UN Manual of Tests-UN 38.3;
IEC 62281, 62133-1, 62133-2;
UL 62133-2, 2054, 1642;
RTCA DO-293

Impact/Crush (Flat and End), Fold, Nail Penetration

UN Manual of Tests-UN 38.3;
IEC 62281, 62133-1, 62133-2;
UL 62133-2, 2054, 1642;
Soteria End Crush Test Specification;
Soteria Latent Defect Test Specification;
Soteria Fold Test Specification

Molded Case Stress
(Physical Integrity at High Temperature)

IEC 62133-1, 62133-2;
UL 62133-2, 2054;
RTCA DO-293;
EN 60950-1, 62368-1

Test:

Free Fall Drop

Test Method(s):

IEC 62133-1, 62133-2;
UL 62133-2, 2054, 1642;
EN 60950-1, 62368-1;
RTCA DO-311, 347

Physical Examination

RTCA DO-293, 311, 347

Temperature Shock

RTCA DO-293

Handle Strength

RTCA DO-293, 311

Component and Surface Temperature Tests

UL 2054

250N Steady Force

UL 2054;
EN 60950-1, 62368-1

Thermal Abuse

IEC 62133-1, 62133-2;
UL 62133-2, 2054, 1642

Batteries (Cell, Pack, Embedded Pack)

IEEE 1725

Batteries (Button or Coin Cell)

UL 4200a



Accredited Laboratory

A2LA has accredited

ELEMENT MATERIALS TECHNOLOGY ATLANTA- GAINESVILLE, LLC

Gainesville, GA

for technical competence in the field of
Mechanical 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 December 2025.

A blue ink signature of the name "Mr. Trace McInturff" on a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 6836.02
Valid to November 30, 2027

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