



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SIAC TEST LAB
Siemens Industry Inc.
One Internet Plaza
Johnson City, TN 37604

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MECHANICAL

Valid To: December 31, 2025

Certificate Number: 3938.02

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

Test Type:

Sinusoidal Vibration
(up to 25mm pk)
(5 to 1200 Hz, cross over up to 58 Hz)
(3000 pounds force)

Shock Strain
(up to 40G peak, 6ms up to 30ms half-sine)
(6000 pounds force)

Free Fall
(Free Fall, Procedure 1, height up to 1m)

Cold
(-40°C up to 25°C);
(up to 20 °C per hour)

Dry Heat
(25°C up to 100°C)
(up to 20°C per hour)

Damp Heat, Cyclic
(10°C to 90°C, 20% up to 98% RH)
(up to 20°C per hour)

Rapid Temperature Change
(-40°C to 190°C)

Test Method:

EN/IEC 60068-2-6, Test Fc

EN/IEC 60068-2-27, Test Ea

EN/IEC 60068-2-31, Test Ec

EN/IEC 60068-2-1, Test A

EN/IEC 60068-2-2, Test B

EN/IEC 60068-2-30, Test Db

EN/IEC 60068-2-14, Test Na

Test Type:

Damp Heat
(10°C to 90°C, 20% up to 98% RH)

Change of Temperature, Specified Rate
(-40°C to 100°C)
(up to 3°C per minute)

14 Day Endurance Test
(-40°C to 100°C)
(up to 60°C per hour)

Test Method:

EN/IEC 60068-2-78, Test Cab

EN/IEC 60068-2-14, Test Nb

EN 298, Chap. 7.10.2.1



Accredited Laboratory

A2LA has accredited

SIAC TEST LAB

Johnson City, TN

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 22nd day of January 2024.

A handwritten signature in blue ink, appearing to read "Trace McInturff".

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3938.02
Valid to December 31, 2025



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