



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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

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MECHANICAL

Valid To: December 31, 2023

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:**

**Test Method:**

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

EN/IEC 60068-2-6, Test Fc

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

EN/IEC 60068-2-27, Test Ea

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

EN/IEC 60068-2-31, Test Ec

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

EN/IEC 60068-2-1, Test A

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

EN/IEC 60068-2-2, Test B

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

EN/IEC 60068-2-30, Test Db

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

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 22<sup>nd</sup> day of December 2021.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 3938.02  
Valid to December 31, 2023

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