



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

GESTLABS S.r.l.

Via Piave nr. 6, 23871 Lomagna (LC), Italy

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

Environmental and mechanical tests on electronic components, equipment, other articles and packaged-products
(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen
President

Initial Accreditation Date:

April 20, 2019

Issue Date:

February 17, 2023

Expiration Date:

March 31, 2025

Accreditation No.:

100622

Certificate No.:

L23-136

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjllabs.com



Certificate of Accreditation: Supplement

GESTLABS S.r.l.

Via Piave nr. 6, 23871 Lomagna (LC), Italy
Contact Name: Sig. Ettore Agostoni Phone: 039-855-1014

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Environmental ^F	Electronic Components, equipment and other articles	Environmental testing Part 2-1: Tests - Test A: Cold	CEI EN 60068-2-1	D.L. = -70°C ±2°C
		Environmental testing Part 2-2: Tests - Test B: Dry heat	CEI EN 60068-2-2	D.L. = 180°C ±2°C
		Environmental testing Part 2-14: Tests - Test N: Change of temperature (excluded part 9)	CEI EN 60068-2-14	-80°C ±2°C to 220°C ± 2°C T transfer <30 sec Gradient from 0.3°C/min ±0.2°C/min to 10°C/min ±2°C/min
		Environmental testing Part 2: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)	CEI EN 60068-2-30	From +5°C ±2°C to +95°C ±2°C Humidity from 10% ±3% to 98±3%
		Environmental testing Part 2: Tests - Test Z/AD: Composite temperature/humidity cyclic test (Exposure to humidity followed by exposure to cold)	CEI EN 60068-2-38	From -60°C ±2°C to +180°C ± 2°C Humidity from 10 % ± 3% to 98% ± 3 %
		Environmental testing Part 2-78: Tests - Test Cab: Damp heat, steady state	CEI EN 60068-2-78	From +5°C ±2°C to +95°C ±2°C Humidity from 10% ±3% to 98% ±3%



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Mechanical ^F	Packaged-Products	Manual Handling + Warehouse Stacking + Vehicle Stacking + Stacked Vibration + Vehicle Vibration + Loose Load Vibration + Concentrated Impact	ASTM D4169: Schedule A + Schedule B + Schedule C + Schedule D + Schedule E + Schedule F + Schedule J Standard Practice for Performance Testing of Shipping Containers and Systems	Max 500 kg
		Random vibration with and without top load	ISTA 3A: Test Block 4-6&7 Packaged-Products for Parcel Delivery System Shipment 70 kg (150 lb) or Less	Max 70 kg (Freq. 1÷200 Hz)
		Random Vibration	ISTA 3E: Test Block 6 Similar Packaged- Products in Unitized Loads for Truckload Shipment	Max 500 kg (Freq. 1÷200 Hz)
		Random Vibration	ISTA 2A: Test Block 6 Packaged-Products 150lb (68 kg) or Less	Max 68 kg (Freq. 1÷200 Hz)
		Random vibration with and without top load	ISTA 6-Amazon.com- SIOC: Test Block 12 Ships in Own Container (SIOC) for Amazon.com Distribution System Shipment	Max 500 kg (Freq. 1÷200 Hz)

- The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer ^F would mean that the laboratory performs this testing at its fixed location.