PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

PCG Trading LLC d/b/a Converge

4 Technology Drive, Peabody, MA 01960

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

ISO/IEC 17025:2017 and AS6171A

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):

Chemical, Dimensional Inspection, Electrical Mechanical and Non-Destructive Testing

(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

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

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
March 15, 2024	March 15, 2024	June 30, 2026

Accreditation No.:	*Certificate No.:*
122478	L24-213

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.pjlabs.com

Certificate of Accreditation: Supplement

PCG Trading LLC d/b/a Converge

4 Technology Drive, Peabody, MA 01960
Contact Name: Tom Pike Phone: 978-538-8074

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

FLEX CODE	FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED
F1, F2, F3, F5	Dimensional Inspection [F]	All electronic components	Part dimensions	AS6081 4.2.6.4.2.2 / AS6171/2A	Dimensional Inspection, Measurement -Digital Calipers, Touchless Measurement System
F1, F2, F3, F5	Non-Destructive [F]		Signs of counterfeiting, part markings, verification of part date codes, lot codes	AS 6081 4.2.6.4.2.2 / AS6171/2A	External Visual Inspection
F1, F2, F3, F5			Alterations of part marking, surface analysis	AS 6081 4.2.6.4.3 A&B / AS6171/2A	Remarking and Resurfacing - Visual Inspection, Swab test with Acetone and heated solvents
F1, F2, F3, F5		Components with leads	Material composition, plating layer thicknesses (layers), barrier and base material	AS 6081 4.2.6.4.5 / AS6171/3	X-Ray Fluorescence (XRF) -Composition and Coating Thickness
F1, F2, F3, F5		All electronic components	Internal and external attributes, misrepresentation, damage, homogeneity, consistency, uniformity	AS 6081 4.2.6.4.4 / AS6171/5	X-Ray - Inspection of Wire bonding, die and lead frame
F1, F2, F3, F5			Defects (visualization of interior features, layers, material continuity, sub-surface flaws, cracks, voids, delamination, porosity,	AS6171/6	Acoustic Microscopy (CSAM)- Delamination and voids
			Part surface conditions, evidence of alteration	AS6171/2A	Surface Texture Analysis (SEM) -Surface Composition vs. Data Sheet
F1, F2, F3, F5	Chemical [F]		Die attributes, internal construction	AS 6081 4.2.6.4.6 / AS6171/4	Delid/Decapsulation - Furnace/Acid – looking for internal logos, markings, die
F1, F2, F3, F5	Mechanical [F]		Appearance, attachment properties	ANSI/J-STD-002	Solderability - Dip and look method, Leaded & Lead Free
F1, F2, F3, F5	Electrical [F]		Measuring tool to measure Resistance, Capacitance and Inductance	AS6171/7	Electrical Testing (LCR/Multi-Meter) - Resistance and Capacitance

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

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location.

2. Flex Code:
   F1-Introduction of the testing of a new item, material, matrix, or product for an accredited test method
   F2-Introduction of a new version of an accredited standard method (with no modifications)
   F3-Introduction of a new parameter/component/analyte to an accredited test method
   F4- Introduction of a new version or modifications of an accredited non-standard method
   F5-Introduction of a new method that is equivalent to an accredited method (using same technology or technique)