# IEC QUALITY ASSESSMENT SYSTEM (IECQ)

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# IECQ Certificate of Approval
# Independent Testing Laboratory

IECQ Certificate No.: **IECQ-L LCIE 25.0001** Issue No.: **2** Status: **Current**
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Applicant: **Glenair Italia S.p.A**
Via Del Lavoro, 8/U 40057 Quarto Inferiore
Granarolo dell'Emilia, Italy

The organization, facilities and procedures have been assessed by the IECQ Conformity Assessment Body in accordance with IECQ 03-1 and IECQ 03-6 for issuance of this certificate and found to be in conformity with the applicable requirements of the IECQ Independent Testing Laboratory Assessment Program Requirements Scheme and in respect of the listed standard(s) or specification(s) for the testing of component product under the IECQ:

- **ISO/IEC 17025:2017** - General requirements for the competence of testing and calibration laboratories

**Scope:**

Environmental, mechanical testing; tests on connectors for electronic Equipment; Measurement capabilities tests; electrical product test

-- Attached schedule(s): Annex Schedule_IECQ-L LCIE 25.0001_30751931-821355_GLENAIR_2.pdf

Issued by: **Bureau Veritas LCIE**
33 Avenue, du Général Leclerc
Fontenay-aux – Roses, 92262, France

Authorised person: Jérôme Reysson

L C I E

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# Schedule of Scope to Certificate of Conformity

## Independent Testing Laboratory

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**Schedule Number: IECQ-L LCIE 25.0001-S** **Rev No.: 02** **Revision Date: 2026/05/19** **Page** 1 **of** 1

| TEST | | RANGE | STANDARD |
|---|---|---|---|
| Electric and electronic equipment and metal materials | Environmental testing - Test Ka: Salt mist | - | CEI EN IEC 60068-2-11 |
| Electric, electronic and mechanical equipment, components and materials | Environmental testing - Test A: Cold | -20°C to -40°C | CEI EN 60068-2-1 - only Ab |
| Electric, electronic and mechanical equipment, components and materials | Environmental testing - Test Nb: Change of temperature | -40°C a +150°C max variation 5K/min. (Nb) | CEI EN IEC 60068-2-14 |
| Electric, electronic and mechanical equipment, components and materials | Environmental testing - Test B: Dry heat | +40°C to +150°C | CEI EN 60068-2-2 |
| Electric, electronic and mechanical equipment, components and materials | Environmental testing - Test Db: Damp heat, cyclic (12 h + 12 h cycle) | 40°C - 60°C; max 98%RH | CEI EN 60068-2-30 |
| Electric, electronic and mechanical equipment, components and materials | Environmental testing - Test Cab: Damp heat, steady state | 10°C to 90°C; 20%-95% | CEI EN 60068-2-78 |
| Connectors for electronic equipment | Contact resistance | >1mohm; ADC | CEI EN 60512-2-1 |
| Connectors for electronic equipment | Contact resistance | >0,1mV; 1A to 1900A; ADC | CEI EN 60512-2-2 |
| Connectors for electronic equipment | Temperature rise | 1A to 1900A | CEI EN 60512-5-1; CEI EN 60512-5-1 |
| Connectors for electronic equipment | Insulation resistance | 100VDC to 1000VDC; 10Mohm to 100Gohm | CEI EN 60512-3-1; CEI EN 60512-3-1 |
| Connectors for electronic equipment | Current-temperature derating | 1A to 1900A | CEI EN 60512-5-2; CEI EN 60512-5-2 |
| Connectors for electronic equipment | Voltage tests | 1000V-40000VAC 50Hz | CEI EN 60512-4-1; CEI EN 60512-4-1; CEI EN 60512-4-1 |
| Connectors for electronic equipment | Circuit integrity, Resistenza di contatto/Test 2f: Housing (shell) electrical continuity | 0,1mV to 100mv - 0,1A to 1 A | CEI EN 60512-2-6; CEI EN 60512-2-6; CEI EN 60512-2-6 |

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