



## IEC QUALITY ASSESSMENT SYSTEM (IECQ)

covering Electronic Components,  
Assemblies, Related Materials and Processes

For rules and details of the IECQ visit [www.iecq.org](http://www.iecq.org)

# Schedule of Scope to Certificate of Approval Independent Testing Laboratory

IECQ Certificate No.: IECQ-L BSI 09.0001

CB Certificate No.: T3006 IECQ

Schedule Number: IECQ-L BSI 09.0001-S

Rev No.: 10 Revision Date: 2018/12/04

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### CONDITIONING TESTS

#### ENVIRONMENTAL

#### IEC 60068/BS EN 60068

Cold	IEC 60068-2-1 / BS EN 60068-2-1
Dry Heat	IEC 60068-2-2 / BS EN 60068-2-2
Damp Heat – Steady state	IEC 60068-2-3 / IEC 60068-2-56
Damp Heat – Cyclic state	IEC 60068-2-30 / BS EN 60068-2-30
Rapid change of temperature	IEC 60068-2-14 / BS EN 60068-2-14
Low Temperature/Low pressure	IEC 60068-2-40 / BS EN 60068-2-40
High temperature/Low pressure	IEC 60068-2-41 / BS EN 60068-2-41
Altitude/Low air pressure	IEC 60068-2-13 / BS EN 60068-2-13

#### MECHANICAL

Vibration (sinusoidal) Cold/Vibration	IEC 60068-2-50 / BS EN 60068-2-50
Vibration (sinusoidal) Dry heat/vibration	IEC 60068-2-51 / BS EN 60068-2-51
Vibration, sinusoidal	IEC 60068-2-6 / BS EN 60068-2-6
Vibration, random, high band high/med/low	IEC 60068-2-34 / IEC 60068-2-37 BS EN 60068-2-64
Shock, Bump	IEC 60068-2-27 / BS EN 60068-2-27
Acceleration	IEC 60068-2-7 / BS EN 60068-2-7

#### ADDITIONAL FACILITIES/CAPABILITIES

Salt Mist	IEC 60068-2-11 / BS EN 60068-2-11
Salt Corrosion	IEC 60068-2-52 / BS EN 60068-2-52
Solderability	IEC 60068-2-20 / BS EN 60068-2-44
Robustness of terminations	IEC 60068-2-21 / BS EN 60068-2-21
Resistance to solvents/Contaminating Fluids	IEC 60068-2-45 / BS EN 60068-2-45

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### ELECTRICAL

Electrical & electronic equipment; Cabled distribution systems, capacitors, controls, relays, wired assemblies. Fuses; miniature & sub-miniature. Plugs & sockets; appliance connectors. Switchgear & control gear; electromechanical control devices, miniature circuit-breaker boards, power transformers & power supply units, switches, isolators & terminal blocks. Wiring & accessories; connection units, switches, switches-electronic.

### ENVIRONMENTAL ENGINEERING

#### (CLIMATIC / DYNAMIC)

Climatic (combined parameters) – non-explosive items, high temperature/low pressure. Climatic (combined parameters) low temperature/low pressure. Climatic (sequential parameters) low temperature/high humidity. Climatic (single parameters) - non-explosive items, contaminating fluids, high humidity, high/low temperature, low pressure (atmospheric), salt, temperature change/thermal shock. Dynamic, acceleration, steady state, bump, shock, vibration, random, vibration, sinusoidal; Vibration/temperature (high/low)

### MEASUREMENT CAPABILITIES

DC Voltage, AC Voltage, DC Current, AC Current, DC Resistance, Capacitance, Inductance, Dissipation factor, Conductance, Frequency.

### COMPONENTS/DEVICES TESTED

Aerospace equipment, Electrical/Electronic components, Electrical/Electronic connectors, Electrical/Electronic products, Electro-mechanical devices, Micro-electronic circuits and components, Missile Components, Motor vehicle accessories and components.

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