



## 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.: 6

Revision Date: 2012/07/06

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### CONDITIONING TESTS

IEC 60068/BS EN 60068

### ENVIRONMENTAL

IEC 60068-2-1 / BS EN 60068-2-1

#### Cold

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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**BSI, Kitemark Court Davy Avenue Knowlhill Milton Keynes MK5 8PP UK**





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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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