



Schedule of Scope to Certificate of Approval
Independent Testing Laboratory
 IECQ Certificate No.: IECQ-L BSI 11.0003
 CB Certificate No.: T3002 IECQ

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Environmental Test Services Ltd

CONDITIONING TESTS	IEC 60068/BS EN 60068	Other (For Reference only)
ENVIRONMENTAL		
High Temperature	2-2)
Low Temperature	2-1) Def-Stan 07-55
Change of Temperature	2-14) MIL-STD 810E MIL-STD 883E
High Humidity	2-3, 2-56, 2-30)
Composite Temperature/Humidity	2-38	
High Pressure	-	Def-Stan 07-55
Low Pressure	2-13	MIL-STD 810E
Water, drops	2-18	Def-Stan 07-55, MIL-STD 108E
Water, ingress		BS EN 60529
Water immersion	2-18	BS 60529 MIL-STD 810E
Salt Mist	2-11	MIL-STD 810E Def –Stan 07-55
Salt Corrosion	2-52	Def-Stan 07-55
MECHANICAL		
Vibration, sinusoidal *	2-6	Def-Stan 07-55
Vibration, random *	2-34	MIL-STD 810E
Bump & Shock *	2-27	MIL-STD 810E Def –Stan 07-55
Drop and Topple	2-31	MIL-STD 810E Def –Stan 07-55
Free Fall	2-32	
ELECTRICAL		
Electrical Endurance	Electrical Conductivity	
Voltage Proof	Electrical Continuity	
Insulation Resistance	Contact Resistance	

* = Ambient temperature (25 °C) or Dynamically between the temperature ranges – 40 °C +125 °C

MEASUREMENT CAPABILITIES (Parameters)

DC Voltage, DC Current, AC Voltage, AC Current, DC Resistance, Time, Temperature, Force, Humidity, Barometric Pressure, Linear Dimensions. Mass.

ELECTRICAL PRODUCT TESTS

Aerospace Components, Circuit Breakers and Switches, Electrical/Electronic Components, Electrical/Electronic Connectors and Products, Electromechanical Devices, Enclosures for Electrical Equipment, Micro-electronic circuits and components, Missile Components, Plugs and Sockets (Electrical), Printed Circuit Boards, Quartz Crystal Oscillators, Optoelectronic & Liquid Crystal Devices.

ADDITIONAL FACILITIES/CAPABILITIES

Visual examination, Dust, Water immersion, Force, Mechanical Operations (connectors), Engaging/separating force (connectors). Batteries and Cells, Metallic and non-metallic coatings, Computers and Peripherals, Electrical Cables, Fasteners, Hoses, Pipes and Tubes, Indicating/recording Instruments, Insulation Materials (electrical) IT Equipment, Luminaries, Marine Equipment, Measuring Equipment, Motor Vehicle Accessories and Components, Office Equipment (Electrical), Ophthalmic Products (Optical), Optical Fibre, Packages and Packaging Material, Paints and Varnishes, Power Supplies (Electrical), Radar Equipment, Radio and TV Equipment, Satellites and Sub-assemblies, Security Devices and Alarms, Smoke Detectors, Sonar Equipment, Telecommunication Equipment, Transformers (Electrical), Weapons and Sub-assemblies.

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