

IECQ Electronic Components Certifications Scheme



In the world of shortening electronic components lifespans and raising number of counterfeit products available on the market, it is vital for companies establish right partners and the right value chain in order to achieve and maintain its market position. BSI partnered with International Electrotechnical Commission Quality Assessment System for Electronic Components (IECQ) to enable achievement of trusted and effective supply chains that help deliver genuine and innovative components as well as become recognised supplier of these parts to the electronics industry.

The certification scheme allows you to address the major issues within the electronic industry which include globalisation of the value chain and helps you select wisely components suppliers as all companies included within the value chain are certified by IECQ to ensure quality and good practice. The electrical and electronic products comprise of many, sometimes even hundreds of individual parts and sub-assemblies. This is why well-known brands seek assurance that the electronic parts used in their products are of the required quality and reliability. To minimise incoming inspections costs and eliminate quality auditing of suppliers, they choose suppliers that hold IECQ Certification.

BSI operates IECQ (international) and BS 9000 (national) third-party system to certify electronic components and associated materials specifications which quality is assessed in addition to the quality management system of the company. As a result, an IECQ and/or BS 9000 certified vendor offers a significantly higher level of independent assurance than any first or second party approval scheme, building on foundation of a quality management system.

These schemes focus on assessing the quality of the product through a selection of approvals for product quality assurance.

Key benefits:

- Participation in a wider network of approved suppliers
- Company profile improvement as a trusted supplier to the industry
- Supply chain complexity reduction
- Significant cost saving as no additional testing of components is required.

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The elements of the scheme include:

- **IECQ AP Scheme (including BS 9000 Distributors)**

Organisations that hold IECQ Approved Process Certification demonstrate to the international market place that their organisation and facilities comply with the requirements of the IECQ system and the relevant declared technical standards and specifications for their scope of activity. IECQ AP Certification mandates that the organisation's quality system must satisfy the requirements of ISO 9001 and the additional requirements of the IECQ system. Where design is necessary, it must be claimed in the scope of activity.

- **IECQ AC Scheme (includes BS 9000 Qualification and Capability Approvals)**

IECQ Approved Component Certificate means that the organization and its facilities participated in testing and other verification criteria to comply with the requirements of the IECQ system and the relevant declared technical Standards and Specifications for their scope of activity. Components Products, Related Materials and Assemblies produced under such regime can be supplied with a Declaration of Conformance giving confidence that the components are produced using manufacturing process that has been successfully assessed and under constant surveillance by an independent, internationally accepted IECQ Certification Body

- **IECQ AQP**

IECQ Automotive Qualification Programme Certification help automotive manufacturers know how the performance of components compare. The IECQ AQP help them avoid multiple tests and related cost, through third-party certification bodies to make sure that components meet automotive industry standards.

- **IECQ AVIONICS Scheme**

Organisations holding IECQ AVIONICS certifications have been evaluated against commercial, military and aerospace (avionics) equipment manufacturers' and related organisations' processes for compliance with IEC TS 62239-1 Electronic Component Management Plan (ECMP) and /or GEIA / ANSI 4899 Plan.

- **IECQ CAP**

IECQ Counterfeit Avoidance Programme Certification provides confidence that the organisation has processes for managing counterfeit avoidance in the selection and use of components accordingly to the scheme and other management systems requirements.

- **IECQ HSPM Scheme**

IECQ Hazardous Substances Process Management evaluates equipment manufacturers' and related organisations' processes for compliance with QC 080000 IECQ HSPM in addition to the compliance of the process with ISO 9001.

- **IECQ ITL Scheme**

The IECQ Independent Testing Laboratory Approval is available to independent testing laboratories that carry out testing to support IECQ activities within the IECQ system. The approval covers the type of tests, the component ranges to be carried out and the facilities available. These usually exceeds the relevant requirements of ISO/IEC 17025.

Please contact us.
Our team will be happy to help you.

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