



**IECQ 03-2**

Edition 1.0 2010-05

# **IECQ PUBLICATION**

**IEC Quality Assessment System for Electronic Components (IECQ Scheme)**

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**Rules of Procedure –  
Part 2: IECQ Approved Process Scheme**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**Rules of Procedure –****Part 2: IECQ Approved Process Scheme**

## FOREWORD

This publication has been prepared by the Management Committee (MC) of the IECQ.

This publication is directly related to Publication IECQ 01 containing the Basic Rules of the IECQ System.

While this first edition of IECQ 03-2 presents the IECQ Approved Process Scheme requirements in a new document format and structure, the general requirements for IECQ Approved Process as contained in QC 001002-3 have been retained in this new publication.

As such this first edition replaces QC 001002-3 six months from publication of IECQ 03-2.

The text of this publication is based on the following documents:

Document	Report on MC Consultation
IECQ MC/196/CD	IECQ MC/206/DL

Full information on the approval by the MC of this publication can be found in the report indicated in the above table.

## INTRODUCTION

Taking into account the object of the International Electrotechnical Commission (IEC) as given in Article 2 of the Statutes, the particular object of the IECQ System, operated in conformity with the Statutes and under the authority of the IEC, is to facilitate international trade in electronic components of assessed quality, by providing a global framework for independent assessment and certification.

The object is achieved by the implementation of quality assessment procedures in such a manner that organizations, processes, and components certified as conforming to the requirements of an applicable standard or specification, are acceptable to all participants.

The IECQ Schemes provide manufacturers with a “Supply chain verification tool” for seeking assurance that electronic components, assemblies, processes and related materials conform to declared technical Standards and Specifications.

IECQ Approved Process Certification may be applied to any process which may affect conformity or compliance of electronic components, related assemblies or services. For example this may cover, but not limited to; product engineering, printed wiring board manufacture, electronic component manufacturing, printed circuit board assembly, Electro Static Discharge (ESD) controls or even supply chain management.

Additional the electronic components industry relies on, as a part of its manufacturing infrastructure, a supporting industry of organizations providing a wide range of specialized services, processing, and manufacture of piece parts and material.

The IECQ Approved Process Scheme permits such organizations to certify their specialized services or processes under the IECQ Approved Process Scheme. Manufacturers of finished electronic components shall seek certification to the IECQ Approved Component Scheme (IECQ 03-3) if they wish to qualify finished electronic components. However, such manufacturers may also seek certification for specific services or processes or for the manufacture of piece parts and material in accordance with the IECQ Approved Process Scheme. This approach recognizes the diverse infrastructure of the electronic components industry and makes it possible for a total electronic component manufacturing capability to be assessed as a totality taking account of the separate operations of several companies, each of which contributes piece parts, materials, processing or technical services to the final product.

Examples of supporting industry organizations are design bureaux, packagers, electroplaters, PCB mass laminators.

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## **Rules of Procedure –**

### **Part 2: IECQ Approved Process Scheme**

#### **1 Scope**

This publication contains the Rules of Procedure of the Scheme of the IECQ, hereinafter referred to as the "Rules", for the Approved Process Scheme. (IECQ Approved Process Scheme).

This IECQ Approved Process Scheme Rules of Procedure provides the requirements specific to this scheme and is to be used in conjunction with applicable IECQ System management Basic Rules (IECQ 01), General Rules of Procedures (IECQ 03-1) and Operating Documents.

#### **2 Normative references**

The following publications contain provisions, which, through reference in this text, constitute provisions of these Rules. At the time of publication, the editions indicated were valid. The IECQ Management Committee shall decide the timetable for the introduction of revised editions of the publications.

IECQ 01, *IEC Quality Assessment System for Electronic Components (IECQ System) – Basic Rules*

IECQ 02, *General Requirements for the Acceptance of IECQ Certification Bodies into the IECQ System*

IECQ 03-1, *General Requirements for all IECQ Schemes*

QC 001002-2, *IEC Quality Assessment System for Electronic Components (IECQ) – Rules of Procedure – Part 2: Documentation*

ISO 9001, *Quality management systems – Requirements*

ISO/IEC 17000, *Conformity assessment – Vocabulary and general principles*

ISO/IEC 17021, *Conformity assessment – Requirements for bodies providing audit and certification of management systems*

ISO/IEC 17025, *General requirements for the competence of testing and calibration laboratories*

ISO/IEC Guide 65, *General requirements for bodies operating product certification systems*

In the event of conflict between the provisions of this document and any other directly or indirectly referenced provisions, the provisions of this document shall take precedence.