

European Committee for Electrotechnical Standardization (CENELEC)
Cenelec Electronic Components Committee

CECC



Système Harmonisé d'Assurance de la Qualité
des Composants Electroniques

SPECIFICATION DE BASE:

PLANS ET REGLES D'ECHANTILLONNAGE POUR LES CONTROLES PAR ATTRIBUTS

Harmonized System of Quality Assessment for
Electronic Components

BASIC SPECIFICATION:

SAMPLING PLANS AND PROCEDURES FOR INSPECTION BY ATTRIBUTES

Harmonisiertes Gütebestätigungssystem für
Bauelemente der Elektronik

GRUNDSPEZIFIKATION:

VERFAHREN UND TABELLEN FÜR ATTRIBUT- STICHPROBENPRÜFUNG

2

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FOREWORD

The CENELEC Electronic Components Committee (CECC) is composed of those Member Countries of the European Committee for Electrotechnical Standardization (CENELEC) who wish to take part in a harmonized System for electronic components of assessed quality.

The object of the System is to facilitate international trade by the harmonization of the specifications and quality assessment procedures for electronic components, and by the grant of an internationally recognized Mark, or Certificate, of Conformity. The components produced under the System are thereby accepted by all Member Countries without further testing.

This document has been formally approved by the CECC, and has been prepared for those Member Countries taking part in the System who wish to issue national harmonized specifications for SAMPLING PLANS AND PROCEDURES FOR INSPECTION BY ATTRIBUTES. It should be read in conjunction with document CECC 00 100: Basic Rules (1974).

At the date of publication of this document the Member Countries of the CECC are Belgium, Denmark, Germany, France, Ireland, Italy, the Netherlands, Norway, Sweden, Switzerland and the United Kingdom, and copies of it can be obtained from the National Committees of the CENELEC in these countries.

PREFACE

This basic specification was prepared by CECC Working Group 2: Sampling plans.

In accordance with the requirements of document CECC 00 100, it is based, wherever possible, on the requirements of the Recommendations of the International Electrotechnical Commission and in particular on IEC Publication 410: Sampling plans and procedures for inspection by attributes.

The text of this basic specification was originally circulated to the CECC in document CECC(Secretariat)138 in February 1973 and was ratified by the CECC for publication as a CECC basic specification.

This second issue of CECC 00 007 results from amendments or additions which were accepted in March 1976 by the CECC in Brussels, and supersedes Issue 1 of 1973.

GENERAL

- 1 The CECC System for electronic components of assessed quality has adopted IEC Publication 410: Sampling plans and procedures for inspection by attributes (1973) including Corrigenda issued February 1976, for its sampling procedures and tables for inspection by attributes.

For the purposes of the CECC System, sub-clauses 3.3, 6.3, 9.4 (fourth sentence) and 10.2 of IEC 410 do not apply because the extent of non-conformance is not defined in terms of defects per hundred units, and in clause 2 only certain definitions are used.

INTERPRETATIONS

- 2 The following interpretations of clauses of IEC 410 (1973), for the purpose of the CECC System, shall be included in the national documents implementing the System:
- 1.1 The responsible authority is the national document implementing CECC 00 100: Basic Rules.
 - 1.5 The unit of product is an electronic component defined in a detail specification.
 - 2. Only the following definitions from this clause are required:
 - a defect is any non-conformance of the unit of product to specified requirements
 - a defective is a unit of product which contains one or more defects.
 - 3.1 The extent of non-conformance of product shall be expressed in terms of percent defective.
 - 4.5 The responsible authority is the blank detail specification which forms part of the generic or sectional specification.
 - 5. Definitions of production lot, inspection lot and delivery lot for the CECC System are given in document CECC 00 107: Quality Assessment Procedures.
 - 5.4 The responsible authority is the Chief Inspector, acting in accordance with the procedures prescribed in the document describing the inspection department of the approved manufacturer and approved by the National Supervising Inspectorate (ONS).
 - 6.2 The responsible authority is the Chief Inspector.
 - 6.4 The responsible authority is the Chief Inspector.
 - 8.1 Normal inspection shall always be used at the start of inspection.
 - 8.3.3 The responsible authority is the Chief Inspector.
(d)
 - 8.4 The responsible authority is the National Supervising Inspectorate.

- 9.2 The responsible authority is the blank detail specification which forms part of the generic or sectional specification.
- 9.4 (Fifth sentence only) The responsible authority is the Chief Inspector.