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IRISH STANDARD

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ICS 49.020
03.120.10

**AEROSPACE SERIES - QUALITY
MANAGEMENT SYSTEMS - QUALIFICATION
PROCEDURE FOR AEROSPACE STANDARD
PARTS**

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NORME EUROPÉENNE

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English version

Aerospace series - Quality management systems - Qualification procedure for aerospace standard parts

Série aérospatiale - Systèmes de management de la
qualité - Procédure de qualification pour pièces
aérospatiales normalisées

Luft- und Raumfahrt - Qualitätsmanagementsystem -
Qualifikationsverfahren für genormte Teile der Luft- und
Raumfahrt

This European Standard was approved by CEN on 4 June 2004.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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Foreword

This document (EN 9133:2004) has been prepared by the European Association of Aerospace Manufacturers – Standardization (AECMA-STAN).

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2005, and conflicting national standards shall be withdrawn at the latest by May 2005.

This document supersedes EN 3042:1991.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

In December 1998, the Aerospace Industry has established the International Aerospace Quality Group (IAQG) with the purpose of achieving significant improvements in quality and reductions in cost throughout the value stream.

This organization, with representation from Aerospace companies in Americas, Asia and Europe and sponsored by SAE, SJAC and AECMA has agreed to take responsibility for the technical contents of this standard.

This standard was reviewed by the Domain Technical Coordinator of AECMA-STAN's Process Domain.

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of AECMA, prior to its presentation to CEN.

EN 9133:2004 (E)

1 Scope

This document provides a basic uniform method for ensuring that aerospace standard parts (products) conform with the requirements of technical specifications referring to qualified parts and for a manufacturer of such parts to have a qualified management system at least equivalent to EN 9100.

EN 9100 and EN 9103 apply when called out in the aerospace standard part standard.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 9000, *Quality management systems — Fundamentals and vocabulary*.

EN 9100, *Quality management systems — Requirements (based on ISO 9001:2000) — and — Quality systems — Model for quality assurance in design, development, production, installation and servicing (based on ISO 9001:1994)*.¹⁾

EN 9103, *Aerospace series — Quality management systems — Variation management of key characteristics*.¹⁾

3 Terms, definitions and abbreviated terms

For the purpose of this standard, the terms, definitions and abbreviations given in ISO 9000 and the following definitions apply:

**3.1
mandated body**
organization or person, approved by the relevant authority, tasked with assessing whether the manufacturer's products comply with the relevant standards and whether the manufacturer's quality system complies with EN 9100. For complex products/processes, EN 9103 could be used, if so decided by the mandated body. In this case the key characteristics are identified in the technical specification for the qualified parts

**3.2
product**
standard part, standard part manufacturing process and standard part material (possibility of building a family of products must be laid down in the relevant technical specification)

**3.3
relevant authority**
an authority that runs a qualified products registration system for qualified products, issues product qualification certificates and maintains a list of qualified products and their manufacturers (e.g. AECMA-CERT, PRI-QPL). This list shall indicate the following minimum information: the serial number, issue and granting date of the certificate, and the period of validity

**3.4
user**
an organization purchasing specific aerospace qualified products

¹⁾ Published as AECMA Prestandard at the date of publication of this standard

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