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Aerospace series - Certificate of conformity requirements

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 9163:2023 sisaldab Euroopa standardi EN 9163:2023 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 13.12.2023.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN 9163:2023 consists of the English text of the European standard EN 9163:2023.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 13.12.2023.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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ICS 03.120.20, 49.020

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EUROPEAN STANDARD

EN 9163

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2023

ICS 03.120.20; 49.020

English Version

Aerospace series - Certificate of conformity requirements

Série aérospatiale - Exigences relatives au certificat de
conformité

Luft- und Raumfahrt - Anforderungen an die
Konformitätsbescheinigung

This European Standard was approved by CEN on 23 July 2023.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 9163:2023) has been prepared by the Aerospace and Defence Industries Association of Europe — Standardization (ASD-STAN).

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

This document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2024, and conflicting national standards shall be withdrawn at the latest by June 2024.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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

Introduction

Industry established the International Aerospace Quality Group (IAQG), with representatives from aviation, space, and defence companies in the Americas, Asia/Pacific, and Europe, to implement initiatives that make significant improvements in quality and reductions in cost throughout the value stream. The IAQG benchmarked industry best practices and supporting guidance to develop this standard to satisfy associated requirements of Aerospace Quality Management System (AQMS) standards (i.e., EN 9100, EN 9110, EN 9120).

Aviation, space, and defence organizations (customers) throughout the world receive products (e.g., assemblies, sub-assemblies, equipment and systems, parts, material, software) or services that are produced by other external providers (suppliers).

Before using these products or services to either manufacture their own products or integrating them into their own products, these organizations need confirmation from their external providers that these products comply with the relevant design data and Purchase Order (PO) requirements. This is commonly done via an attestation [i.e., Certificate of Conformity (CoC)] from the external provider.

Due to the high number of organizations and external providers, this may result in multiple CoC templates and associated requirements. The objective of this document is to provide requirements for issuing a CoC; harmonizing its content to satisfy a broad range of organizations and external providers and providing consistent process and documentation requirements for verification of aviation, space, and defence products.

1 Scope

This document provides a harmonized process and documentation requirements for the establishment of CoCs used to attest the conformity of aviation, space, and defence products (e.g., assemblies, sub-assemblies, equipment and systems, parts, material, software) or services. It includes a CoC template and supporting instructions on how to complete it.

When quoted by the customer in a contractual requirement, application of this document is mandatory. In other cases, its use is recommended, but if there is a conflict between the requirements of this document and customer or applicable statutory/regulatory requirements, the latter shall take precedence.

This document can be used by other industries that require the use/application of a CoC.

Requirements for the establishment of Authorized Release Certificates (ARCs) [e.g., European Union Aviation Safety Agency (EASA) Form 1, Federal Aviation Administration (FAA) 8130-3 tag, Civil Aviation Administration of China (CAAC) Form 038] by an external provider holding a production approval (for new aviation products, production, or spares) or maintenance approval (i.e., for in service repairs, modifications, after sales maintenance, overhaul activities, inspections) are not covered by this document, as applicable rules are defined by the aviation authorities having granted these approvals.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

EN 9100,¹ *Quality management systems — Requirements for aviation, space, and defence organizations*

EN 9110,¹ *Quality management systems — Requirements for aviation maintenance organizations*

EN 9120,¹ *Quality management systems — Requirements for aviation, space, and defence distributors*

3 Terms and definitions

Definitions for general terms can be found in ISO 9000 and the IAQG International Dictionary². An acronym log for this document is presented in Annex A. For the purposes of this document, the following definitions apply:

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

¹ As developed under the auspice of the IAQG and published by various standards bodies [e.g., ASD-STAN, SAE International, European Committee for Standardization (CEN), Japanese Standards Association (JSA)/Society of Japanese Aerospace Companies (SJAC), Brazilian Association for Technical Norms (ABNT)].

² Located on the IAQG website: <https://iaqg.org/tools/dictionary/>.