SLOVENSKÁ TECHNICKÁ NORMA

Apríl 2024

| STN | **Letectvo a kozmonautika**
Systémy manažérstva kvality
Časť 1: Požiadavky na certifikáciu systémov
manažérstva kvality v letectve, kozmonautike
a obrane | **STN**
EN 9104-1

31 0437 |

Aerospace series - Quality management systems - Part 1: Requirements for Certification of aviation, space, and defense

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 03/24

Obsahuje: EN 9104-1:2023

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Supersedes EN 9104-001:2013

English Version

Aerospace series - Quality management systems - Part 1: Requirements for Certification of aviation, space, and defense

Série aérospatiale - Systèmes de management de la qualité - Partie 1 : Exigences relatives à la certification dans l'aéronautique, l'espace et la défense

Luft- und Raumfahrt - Qualitätsmanagementsysteme - Teil 1: Anforderungen an Zertifizierungsverfahren für Qualitätsmanagementsysteme der Luftfahrt, Raumfahrt und Verteidigung

This European Standard was approved by CEN on 7 May 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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 9104-1:2023) 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.

This document supersedes EN 9104-001:2013.

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

To assure customer satisfaction, ASD organizations must provide, and continually improve, safe and reliable products and services that meet or exceed customer and applicable statutory and regulatory requirements. The globalization of the industry and the resulting diversity of regional and national requirements and expectations have complicated this objective. Organizations have the challenge of purchasing products and services from external providers throughout the world and at all levels of the supply chain. External providers have the challenge of delivering products and services to multiple customers having varying quality requirements and expectations.

Industry established the IAQG, with representatives from ASD 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. This document has been prepared by the IAQG.

The IAQG develops documents that standardize QMS requirements to the greatest extent possible and can be used at all levels of the supply chain by organizations around the world. Their use should result in improved quality, cost, and delivery performance through the reduction or elimination of organization-unique requirements, effective implementation of the QMS, and wider application of good practices. While primarily developed for the ASD industry, these EN 9100-series standards (i.e., EN 9100, EN 9110, and EN 9120) can also be used in other industry sectors when a QMS with supplemental requirements, beyond an ISO 9001 system, is needed.

Subsequently, the IAQG developed a global scheme for the acceptance and recognition of certification of an organization's AQMS performed by Certification Bodies (CBs), using the EN 9100-series, and taking into account the existing schemes for QMS certification. The scheme relies on:

— the use of CBs with specific ASD elements and requirements, under the guidance and oversight of the ASD industry; and

— the use of a harmonized approach with the CBs for improving the quality and process control throughout the entire supply chain.

This document defines the scheme requirements for managing AQMS certification (commonly referred to as the 'ICOP scheme'). Other standards in this series (i.e., EN 9104-2, EN 9104-3) provide specific requirements for defining the industry oversight process, and the AQMS requirements for ASD auditor training, development, competence, and authentication, respectively. The three ICOP scheme requirements documents are:

— EN 9104-1, *Aerospace series — Quality management systems — Part 1: Requirements for certification of aviation, space and defence;*

— EN 9104-2, *Aerospace series — Quality management systems — Part 2: Requirements for the oversight of aviation, space, and defence quality management system certification programs*; and

— EN 9104-3, *Aerospace series — Quality management systems — Part 3: Requirements for aviation, space and defence auditor training, development, competence, and authentication.*

In this document, the following terms are used:

— "shall" indicates a requirement;

— "should" indicates a recommendation;

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— "may" indicates a permission;

— "can" indicates a possibility or capability;

— "annual" or "annually" indicates a 12-month period beginning January 1st and ending December 31st; and

— "days" are calendar days, unless otherwise specified.

Words "example" or "e.g." indicate suggestions given for guidance and information marked "NOTE" is for guidance in understanding or clarifying the associated requirement[1].

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[1] Notes to entry used in definitions, however, are considered normative and will provide additional information that supplements the terminological data such as statements, instructions, recommendations or requirements relating to the use of a term.

1 Scope

This document defines the industry-accepted requirements for the ICOP scheme, which provides confidence to ASD customers, that organizations with certification of their QMS, issued by accredited CBs, meet applicable AQMS standard requirements. The requirements in this document are applicable to all participants in the ICOP scheme. If there is a conflict between the requirements of this document, and customer or applicable statutory/regulatory requirements, the latter shall take precedence.

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,[2] *Quality management systems — Requirements for aviation, space, and defence organizations*

EN 9101,[2, 3] *Aerospace series — Requirements for conducting audits of aviation, space and defence quality management systems*

EN 9104-2,[2] *Aerospace series — Quality management systems — Part 2: Requirements for the oversight of aviation, space, and defence quality management system certification programs*

EN 9104-3,[2, 3] *Aerospace series — Quality management systems — Part 3: Requirements for aviation, space, and defence auditor training, development, competence, and authentication*

EN 9110,[2] *Quality management systems — Requirements for aviation maintenance organizations*

EN 9120,[2] *Quality management systems — Requirements for aviation, space and defence distributors*

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

ISO 9001, *Quality management systems — Requirements*

ISO 19011, *Guidelines for auditing management systems*

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

ISO/IEC 17011, *Conformity assessment — Requirements for accreditation bodies accrediting conformity assessment bodies*

ISO/IEC 17021-1, *Conformity assessment — Requirements for bodies providing audit and certification of management systems — Part 1: Requirements*

IAF ID 3, *IAF Informative Document for Management of Extraordinary Events or Circumstances Affecting ABs, CABs and Certified Organizations*

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[2]   As developed under the auspices 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)].

[3]   Published as ASD-STAN Standard at the date of publication of this document by Aerospace and Defence industries Association of Europe — Standardization (ASD-STAN), https://www.asd-stan.org/.

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IAF MD 1, *IAF Mandatory Document for the Audit and Certification of a Management System Operated by a Multi-Site Organization*

IAF MD 2, *IAF Mandatory Document for the Transfer of Accredited Certification of Management Systems*

IAF MD 4, *IAF Mandatory Document for the Use of Information and Communication Technology (ICT) for Auditing/Assessment Purposes*

IAF MD 5, *IAF Mandatory Document — Determination of Audit Time of Quality, Environmental, and Occupational Health & Safety Management Systems*

IAF MD 11, *IAF Mandatory Document for the Application of ISO/IEC 17021 for Audits of Integrated Management Systems*

IAF ML 4, *IAF Multilateral Recognition Arrangements — Policies and Procedures for a MLA on the Level of Single Accreditation Bodies and on the Level of Regional Accreditation Groups*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

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[4]   Located on the IAQG website, www.iaqg.org.