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Aerospace series - Quality management systems - Part 3: Requirements for Aviation, Space, and Defence Auditor Training, Development, Competence, and Authentication

EESTI STANDARDIMIS- JA AKREDITEERIMISKESKUS
ESTONIAN CENTRE FOR STANDARDISATION AND ACCREDITATION

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 9104-3:2023 sisaldab Euroopa standardi EN 9104-3:2023 ingliskeelset teksti.	This Estonian standard EVS-EN 9104-3:2023 consists of the English text of the European standard EN 9104-3:2023.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 22.11.2023.	Date of Availability of the European standard is 22.11.2023.
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ICS 03.100.70, 03.120.10, 49.020

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 9104-3

November 2023

ICS 03.100.70; 03.120.10; 49.020

Supersedes EN 9104-003:2010

English Version

Aerospace series - Quality management systems - Part 3: Requirements for Aviation, Space, and Defence Auditor Training, Development, Competence, and Authentication

Série aérospatiale - Systèmes de management de la qualité - Partie 3: Exigences relatives à la formation, au développement, à la compétence et à l'authentification des auditeurs dans le domaine aéronautique, spatial et de défense

Luft- und Raumfahrt - Qualitätsmanagementsysteme - Teil 3: Anforderungen an Schulung, Entwicklung, Kompetenz und Authentifizierung von Auditoren in den Bereichen Luftfahrt, Raumfahrt und Verteidigung

This European Standard was approved by CEN on 18 December 2022.

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COMITÉ EUROPÉEN DE NORMALISATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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Contents

Page

European foreword ... 4

Introduction ... 5

1 Scope ... 6

2 Normative references ... 6

3 Terms and definitions ... 6

4 Auditor authentication ... 8
4.1 General ... 8
4.2 Auditor authentication requirements ... 8
4.3 Auditor work experience ... 9
4.3.1 Authenticated auditor work experience ... 9
4.3.2 Authenticated experienced auditor work experience ... 9
4.3.3 Authenticated experienced auditor maintenance work experience ... 9
4.4 Aviation, space, and defence industry knowledge ... 9

5 Auditor initial authentication ... 11

Table 1 — AQMS Auditor Initial Authentication Requirements ... 11

6 Auditor re-authentication ... 12

Table 2 — AQMS auditor re-authentication requirements ... 12

7 Auditor advancement ... 13

Table 3 — AQMS auditor advancement requirements ... 13

8 Auditor performance monitoring and management ... 14
8.1 General ... 14
8.2 Auditor performance criteria and parameters ... 14
8.3 Auditor requirements ... 14
8.4 Certification body requirements ... 14
8.4.1 General ... 14
8.4.2 Auditor performance assessment ... 15

Table 4 — Auditor performance monitoring activity ... 15
8.4.3 Auditor performance management ... 16
8.4.4 Retained documented information ... 16

9 Requirements for auditor authentication bodies ... 17
9.1 General ... 17
9.2 Operational requirements ... 17
9.3 Auditor application review and authentication ... 18
9.4 Auditor performance ... 18
9.5 Auditor suspension and withdrawal ... 19
9.6 Transfer of auditor authentication ... 20
9.7 Auditor authentication body withdrawal ... 20

10 Requirements for training provider approval bodies ... 21
10.1 General ... 21
10.2 Approval of training providers ... 21

This document is a preview generated by EVS

10.3 Approval of training courses and assessments 22
10.4 Operational requirements 22
10.5 Training provider suspension or withdrawal 22
10.6 Training provider approval body withdrawal 23
11 Requirements for Training Providers 24
11.1 General 24
11.2 Operational requirements 24
11.3 Retained documented information 25
11.4 Training provider changes 25
12 Requirements for training courses and assessments 26
13 Use of marks and logos 26
Annex A (informative) Acronym log 27
Bibliography 28

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European foreword

This document (EN 9104-3:2023) 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 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 2024, and conflicting national standards shall be withdrawn at the latest by May 2024.

This document supersedes EN 9104-003:2010.

EN 9104-3:2023 includes the following significant technical changes with respect to EN 9104-003:2010:

- Update reference Table 2
- Update paragraph 8.4.2
- Update paragraph and reference 9.4.4
- Revision and restructuring paragraph 10
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Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: 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.

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Introduction

Industry established the IAQG, with representatives from Aviation, Space, and Defence (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.

The IAQG developed a global scheme for the acceptance and recognition of audits performed by Certification Bodies (CBs), using the EN 9100 series standards and taking into account the schemes already in use or under development in the various IAQG sectors, including the application of a:

— 3rd party audit certification scheme with specific ASD requirements, under the guidance and oversight of the ASD industry; and

— harmonized approach for the purpose of improving the quality and process control throughout the entire supply chain.

Confidence and reliance in the audit process depend on the development and provision of auditor training, robust auditor authentication, and competence of those conducting the audits. Competence is based on the demonstration of personal attributes, and the ability to apply knowledge and skills gained through education, training, and experience.

This document has been prepared by the IAQG and standardizes the requirements for ASD Quality Management System (QMS) auditor training, development, competence, and authentication in support of certification to Aerospace Quality Management System (AQMS) standards. This document supplements existing international standards for competency requirements.

In this document, the following terms are used:

— “shall” indicates a requirement;

— “should” indicates a recommendation;

— “may” indicates a permission;

— “can” indicates a possibility or capability.

Words “example” or “e.g.” indicate suggestions given for guidance. Information marked “NOTE” is for guidance in understanding or clarifying the associated requirement.

Rationale

This document has been revised to align with the latest revisions of the International Aerospace Quality Group (IAQG) EN 9104-001 and EN 9104-002 standards, the International Organization for Standardization (ISO)/International Electrotechnical Commission (IEC) EN ISO/IEC 17021-1 and EN ISO/IEC 17021-3 standards, and to incorporate lessons learned from past activities, including feedback from interested parties.

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1 Scope

This document defines the minimum requirements for auditors, CBs, auditor authentication bodies (AABs), training provider approval bodies (TPABs), and training providers (TPs) who participate in the IAQG industry controlled other party (ICOP) scheme. The requirements in this document supplement those defined within the EN 9104-001, EN 9104-002, EN ISO/IEC 17021-1, and EN ISO/IEC 17021-3 standards.

Data protection for the parties subject to this document and other relevant requirements of the ICOP scheme are managed via bi-lateral contracts between the joint controllers of the data.

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*

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

3 Terms and definitions

For the purposes of this document, the terms and definitions in EN ISO/IEC 17000, the EN 9104 series standards, the IAQG International Dictionary, and the following apply.

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

— ISO Online browsing platform: available at https://www.iso.org/obp/

— IEC Electropedia: available at https://www.electropedia.org/

3.1
audit experience
experience gained and demonstrated by direct involvement in an audit as a team leader or team member conducting 2nd or 3rd party QMS or AQMS audits

3.2
auditor authentication
process and output from confirming an auditor's competence has met or exceeded the minimum requirements for an auditor, as defined in this document

3.3
auditor authentication cycle
period of three years from initial authentication or re-authentication

[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)].

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