

Programme Management - Configuration Management -
Part 104: Configuration Control

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 9223-104:2018 sisaldab Euroopa standardi EN 9223-104:2018 ingliskeelset teksti.	This Estonian standard EVS-EN 9223-104:2018 consists of the English text of the European standard EN 9223-104:2018.
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.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 07.03.2018.	Date of Availability of the European standard is 07.03.2018.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 35.080, 49.020

Standardite reprodutseerimise ja levitamise õigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonsesse süsteemi või edastamine ükskõik millises vormis või millisel teel ilma Eesti Standardikeskuse kirjaliku loata on keelatud.

Kui Teil on küsimusi standardite autorikaitse kohta, võtke palun ühendust Eesti Standardikeskusega:
Koduleht www.evs.ee; telefon 605 5050; e-post info@evs.ee

The right to reproduce and distribute standards belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without a written permission from the Estonian Centre for Standardisation.

If you have any questions about copyright, please contact Estonian Centre for Standardisation:

Homepage www.evs.ee; phone +372 605 5050; e-mail info@evs.ee

English Version

**Programme Management - Configuration Management -
Part 104: Configuration Control**

Management de Programme - Gestion de la
Configuration - Partie 104 : Maîtrise de la configuration

Programm-Management - Konfigurationsmanagement
- Teil 104: Konfigurationslenkung

This European Standard was approved by CEN on 25 September 2017.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey 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

Contents

Page

European foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Configuration control place in the overall programme Configuration Management	6
5 Configuration control principles	9
6 Evolution of configuration control throughout the programme lifecycle	18
7 Specific cases	21
Annex A (informative) Document management prerequisite necessary for Configuration Management control	23
Annex B (informative) Marking and traceability prerequisite necessary for Configuration Management control	24
Annex C (informative) Example of technical change handling process (Informative, to start the approach within the framework of customer/supplier relationship)	25
Annex D (informative) Nonconformity handling process and relationship with configuration control	29
Bibliography	33

European foreword

This document (EN 9223-104:2018) 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 Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, 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 September 2018, and conflicting national standards shall be withdrawn at the latest by September 2018.

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 organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

The finality of Configuration Management is to assure during the whole **product** lifecycle¹:

- consistency and commonality of the technical information among all actors;
- **traceability** of this technical information.

For that purpose, Configuration Management organizes and implements the following activities:

- selection of items and technical information that shall be submitted to Configuration Management, under clearly established responsibility (configuration identification);
- capture, keeping this information and making it available (configuration status accounting);
- verification and validation of the coherence of this information at defined steps of the product lifecycle (configuration verifications, reviews and audits);
- technical changes and gaps processing in order to keep the consistency of this information (configuration control).

¹ See EN ISO 9000:2015.

1 Scope

The present document is declined from the principles described in the EN 9223-100, it:

- is based on internationally-recognised concepts;
- proposes organisational principles and implementation processes for configuration management from both viewpoints: “programme” and “company”, with emphasis on the “programme” viewpoint;
- deals with configuration control but not contract management methods.

It is up to each person responsible for a programme to define the detailed methods of application and tailoring as necessary.

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, *Quality Management Systems — Requirements for Aviation, Space and Defence Organizations*

EN 9223-100, *Programme Management — Configuration Management — Part 100: A guide for the application of the principles of configuration management*²

EN 9223-105, *Programme Management — Configuration Management — Part 105: Glossary*²

EN ISO 9000, *Quality Management System — Fundamentals and Vocabulary*

ISO 10007:2003, *Quality management system — Guidelines for configuration management*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN ISO 9000, ISO 10007 and EN 9200 apply.

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

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

The specific terms needed to understand and to use the document are the object of definitions appearing in EN 9223-105.

² Published as ASD-STAN Prestandard at the date of publication of this standard. <http://www.asd-stan.org/>