INTERNATIONAL STANDARD

ISO 10007

Third edition
2017-03

Quality management — Guidelines for configuration management

Management de la qualité — Lignes directrices pour la gestion de la configuration

Reference number
ISO 10007:2017(E)

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Foreword

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This document was prepared by Technical Committee ISO/TC 176, *Quality management and quality assurance*, Subcommittee SC 2, *Quality systems*.

This third edition cancels and replaces the second edition (ISO 10007:2003), which has been technically revised. This edition aligns ISO 10007 with ISO 9000:2015 and ISO 9001:2015.

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Introduction

The purpose of this document is to enhance common understanding of the subject, to promote the use of configuration management and to assist organizations applying configuration management to improve their performance.

This document outlines the responsibilities and authorities before describing the configuration management process that includes configuration management planning, configuration identification, change control, configuration status accounting and configuration audit.

Configuration management is a management activity that applies technical and administrative direction over the life cycle of a product and service, its configuration identification and status, and related product and service configuration information.

Configuration management documents the product or service configuration. It provides identification and traceability, the status of achievement of its physical and functional requirements, and access to accurate information in all phases of the life cycle.

Configuration management can be implemented based on the size of the organization and the complexity and nature of the product or service and reflects the needs of specific lifecycle phases.

Configuration management can be used to meet the product and service identification and traceability requirements specified in ISO 9001:2015, 8.5.2.

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Quality management — Guidelines for configuration management

1 Scope

This document provides guidance on the use of configuration management within an organization. It is applicable to the support of products and services from concept to disposal.

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.

ISO 9000:2015, *Quality management systems — Fundamentals and vocabulary*

3 Terms and definitions

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

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

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

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

3.1
configuration
interrelated functional and physical characteristics of a product or service defined in *configuration information* (3.5)

3.2
configuration baseline
approved *configuration information* (3.5) that establishes the characteristics of a product or service at a point in time that serves as reference for activities throughout the life cycle of the product or service

3.3
configuration item
entity within a *configuration* (3.1) that satisfies an end use function

3.4
configuration status accounting
formalized recording and reporting of *configuration information* (3.5), the status of proposed changes and the status of the implementation of approved changes

3.5
configuration information
requirements for product or service design, realization, verification, operation and support

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