



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 19017-2020

Quality management. Guidelines for configuration management

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Foreword

This Standard is one of GB/T 19000 series.

This Standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This Standard replaces GB/T 19017-2008 "Quality management systems - Guidelines for configuration management".

Compared with GB/T 19017-2008, in addition to editorial modifications, the main technical changes are as follows:

- in the scope of this Standard, deleted the description of "not intended for certification purpose" in GB/T 19017-2008;
- in the terms of this Standard, retained 5 terms in GB/T 19017-2008 and modified the definitions of these terms accordingly; deleted four terms: change control, concession, configuration management, management organization;
- in the contents of this Standard, modified "product configuration information", no longer limited to products, but applicable to the configuration of products or services; expanded the focus of configuration management activities from customers in the previous version to "customers and related parties"; at the same time, the meaning of "supplier" has been expanded to include past suppliers and external

providers; in addition, the documented documents in the process of configuration management are collectively referred to as documented information, which is consistent with the definition of documented information in GB/T 19000-2016.

This Standard uses translation method to identically adopt ISO 10007:2017 "Quality management - Guidelines for configuration management".

This Standard was proposed by and shall be under the jurisdiction of National Technical Committee on Quality Management and Quality Assurance of Standardization Administration of China (SAC/TC 151).

The drafting organizations of this Standard: China National Institute of Standardization, the 14th Research Institute of China Electronics Technology Group Corporation, Shanghai Jiezhineng Software Technology Co., Ltd., the Second Research Institute of China Aerospace Science and Industry Corporation, China Aviation Industry Corporation, Shenyang Aircraft Design Institute of Aviation Industry, Beijing Institute of Electronic Engineering.

Quality management - Guidelines for configuration management

1 Scope

This Standard gives guidelines for configuration management within an organization.

This Standard applies to all stages of supporting products and services from concept to disposal.

2 Normative references

The following referenced documents are indispensable for the application 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.

GB/T 19000-2016, Quality management systems - Fundamentals and

vocabulary (ISO 9000:2015, IDT)

3 Terms and definitions

For the purposes of this document, the terms and definitions defined in GB/T 19000-2016 as well as the followings apply.

3.1 configuration

the interrelated functional characteristics and physical characteristics of the product or service specified in the configuration information (3.5)

3.2 configuration baseline

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

3.3 configuration item

an object within a certain configuration (3.1) that satisfies the end-use function

3.4 configuration status accounting

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