

ICS 01.120
CCS A00



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

GB/T 13017-2018

Replacing GB/T 13017-2008

Guidelines for preparing enterprise standard system diagram

企业标准体系表编制指南

Issued on: February 6, 2018

Implemented on: September 1, 2018

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

1	Scope
2	Normative references
3	Terms and definitions
4	Enterprise Standard Architecture Diagram
4.1	Overview
4.2	Functional Structure
4.3	Attribute Structure
4.4	Sequence Structure
5	Standard Schedule 3 6 standard statistical table
7	Enterprise Standard System Table Preparation Instructions
8	General method for preparing an enterprise standard system
8.1	Overview
8.2	Determination of objectives and principles
8.3	Defining scope and boundaries
8.4	Clear structure
8.5	Carding standard schedule
8.6	Statistical Analysis
27	Reference
	Appendix A

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. GB/T 13016-2018 "Standard System Construction Principles and Requirements" is the basic standard of this standard and is used in conjunction with this standard. This standard replaces GB/T 13017-2008 "Guidelines for the preparation of enterprise standard system tables", major changes compared with GB/T 13017-2008 as follows:

---Modified the "scope" of the standard;

--- Removed the terms "enterprise", "system (system)", "basic standards", "enterprise engineering", "enterprise integration" (see 3.1,

3.2 of.2008 edition, 3.5, 3.6, 3.7, 3.8, 3.9, 3.10); revised the "Enterprise Standard System" and "Enterprise Standard System Table" (see 3.1, 3.2,.2008) 3.3, 3.4) and other terms;

- Revised the statement that "the enterprise standard system is based on technical standards and should also include management standards and working standards" (see Chapter 5, Version 5.1 of the.2008 edition);
- Removed Chapter 4 (see Chapter 4 of the.2008 edition);
- Modified Chapter 5, added "functional structure", changed the original "Enterprise Standard System Hierarchy" to "Attribute Structure" (see Chapter 4);
- Change the original "Enterprise Standard Architecture Diagram" (Chapter 6 of the.2008 edition) to the informational element, and put it in Appendix A; delete the simple model Structure diagram (see Figure 9 of the.2008 version), adding a functional mode reference structure diagram (see Figure A.1);
- Revised the format of the reference standard schedule (see Table 1, Table 2 of the.2008 version);
- Increased the content of the preparation of the enterprise standard system (see Chapter 7);
- Added the content of the standard statistical table (see Chapter 6);
- Added the "General Method of Compiling the Enterprise Standard System Table" (see Chapter 8);
- Removed "Technical Standard System Components" "Management Standard System Components" "Enterprise Engineering/Integration Standard Architecture Diagram" Data-based appendix such as "Basic Standards Architecture Chart", "National General Basic Standards" and "Abbreviations" (see.2008 edition) Appendix A, Appendix B, Appendix C, Appendix D, Appendix E, Appendix F);

1 Scope

GB/T 13017-2018 is the Chinese national standard on guidelines for preparing enterprise standard system diagram, in the field of generalities, terminology and documentation. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 6 February 2018 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 September 2018. Classification: ICS 01.120, CCS A00. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered

complete in English translation.

This standard gives the enterprise standard architecture diagram, standard schedule, enterprise standard system table description, and enterprise standard statistics table. Guidelines for the preparation of standards, etc., as well as general methods for compiling enterprise standard system tables, and provide a common reference structure for enterprise standards systems. A typical type of enterprise standard system representation. This standard is applicable to the preparation of the enterprise standard system table. The compilation of the project standard system table can also be used as reference.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article. Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 13016-2018 standard system construction principles and requirements

3 Terms and definitions

The following terms and definitions as defined in GB/T 13016-2018 apply to this document.

3.1 Enterprise standard system The scientifically integrated organic whole that the enterprise has implemented and intends to implement is based on its internal linkages.

3.2 Enterprise standard system table diagram of enterprise standard system A model that describes an enterprise standard system, usually including an enterprise standard architecture diagram, a standard schedule, and may also include standard statistics. Table and preparation instructions.

4 Enterprise Standard Architecture Diagram

4.1 Overview The enterprise standard architecture diagram is a logical block diagram that describes the relationship between the enterprise standard architecture, including internal and external related environments and internal The logical relationship between the mutual support and mutual cooperation of the sub-systems. According to the actual situation of the enterprise, the enterprise can adopt the functional structure, attribute structure or Sequence structure.

4.2 Functional structure Generally, the functional structure of the enterprise standard system is provided by the product realization/service provision standard system, the basic guarantee standard system and the post standard system. The three sub-systems are composed as shown in Figure 1.

Note 1. "Requirements and expectations of relevant parties" and "Status of enterprise standardization" are the elements that should be identified and analyzed before the

enterprise builds the standard system, and are the source of the enterprise standard system.

Note 2. "Standardized Planning Guidelines and Objectives" refers to the corporate vision, value proposition, and standard system construction plan that matches the corporate strategy, including corporate standards. The long-term and near-term planning objectives of the system construction, to achieve the content, requirements and guarantees needed to achieve the enterprise performance system.

Note 3. "Standardization Planning Policy, Objectives" is based on "Requirements and Expectations of Related Parties" and "Status of Enterprise Standardization", and it is applicable to "laws and regulations" of enterprises. The "Reference Standards" together constitute the upper-level documents required for the construction of the enterprise standard system, which are used to guide the construction of the enterprise standard system and are not included in the enterprise standard system.

Note 4. "Legal regulations" refer to laws and regulations that enterprises should abide by in the course of production and operation, especially concerning personal and property safety, environmental protection, occupational health. Health and labor protection and other laws and regulations closely related to standardization.

Note 5. "Reference Standards" refer to standards that have a guiding role for enterprises. These standards are usually not used directly within the enterprise, but are identified by the enterprise and Inductively, the content that applies to it is translated into the corporate standard.

Note 6. "Product realization/service provision standard system" and "basic guarantee standard system" constitute two main branches of the enterprise standard system, which serve the enterprise together. Industry performance.

Note 7. The "Standard Standard System" is a standard set of "Product Implementation/Service Provisioning Standard System" and "Basic Support Standard System" on the post. The product realization/service provision standard system and the "basic security standard system" are formulated, and the "product realization/service provision standard system" and "basic protection standard" are implemented. The requirements of the quasi-system.

Note 8. A detailed expression of the functional structure can be found in Figure A.1. Figure

7 Enterprise Standard System Table Preparation Instructions

The preparation of the enterprise standard system table may include but is not limited to.

- a) the background of the establishment of the enterprise standard system;
- b) the objectives and implementation strategies of the enterprise standard system