

CCS A 00



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

GB/T 19015-2021

Quality management - Guidelines for quality plans

Issued on: August 20, 2021

Implemented on: December 1, 2021

**Issued by: State Administration for Market Regulation, China National
Standardization Administration**

Table of Contents

1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Application Quality Plan	2
4.1 Overview	2
4.2 Require external suppliers to provide quality plan	2
4.3 Managing the quality plan of external suppliers	3
5 Formulation of quality plan	3
5.1 The environment of the quality plan	3
5.2 Input to Quality Plan	3
5.3 Determine the scope of the quality plan	4
5.4 Preparation of quality plan	4
5.4.1 Initial preparation	4
5.4.2 Determine the quality plan	4
5.4.3 Consistency and compatibility	4
5.4.4 Form and structure	4
6 Contents of the quality plan	5
6.1 General	5
6.2 Scope of the quality plan	5
6.3 Input to Quality Plan	5
6.4 Quality objectives	5
6.5 Responsibilities of the quality plan	6
6.6 Control of documented information	6
6.7 Resources	6
6.7.1 Provision of resources	6
6.7.2 Materials, products and services	6
6.7.3 Personnel	6
6.7.4 Infrastructure and environment for process operation	7
6.7.5 Monitoring and measuring resources	7
6.8 Communication with customers and other related parties	7
6.9 Design and development	7
6.9.1 Design and development process	7

6.9.2 Control of design and development changes	7
6.10 Externally provided processes, products and services	8
6.11 Production and service provision	8
6.12 Identification and traceability	8
6.13 Property of customers or external providers	9
6.14 Protection of output	9
6.15 Control of unqualified output	9
6.16 Monitoring and measurement	9
6.17 Audit	10
7 Implementation and control of the quality plan	10
7.1 Review and acceptance of the quality plan	10
7.2 Implementation and monitoring of the quality plan	10
7.3 Revision of the quality plan	11
7.4 Feedback and improvement	11
Appendix A (Informative) Sample Quality Plan Format	12
Appendix B (Informative) Schematic diagram of process methods applicable to quality planning	18
Appendix C (informative) Comparison table between this document and GB/T 19001-2016 clause	19
Appendix D (informative) Comparison table between the terms of this document and GB/T 19000-2016 quality management principles	21
Reference	23

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1. Structure and Drafting Rules of Standardization Documents"

Drafting.

This document is one of the GB/T 19000 family of standards.

This document replaces GB/T 19015-2008 "Guidelines for Quality Management System Quality Planning". Compared with GB/T 19015-2008, except

In addition to editorial changes, the main technical changes are as follows.

---Introduce "risk-based thinking" (see 4.2, 6.11);

--- Added "Application Quality Plan" (see Chapter 4);

---The order and title of the chapters have been revised, the "Environment of the Quality

Plan" (see 5.1) has been added, and the "Implementation of the Quality Plan" has been expanded to "Quality

Implementation and monitoring of the plan" (see 7.2, 6.2 of the 2008 edition).

The translation method used in this document is equivalent to ISO 10005:2018 "Guidelines for Quality Management Quality Planning".

This document has made the following editorial changes.

---Respectively in Appendix B, Appendix C, Appendix D to supplement the reference to Figure B.1, Table C.1 and Table D.1.

0.1 General

The purpose of this document is to provide guidance for organizations that have quality plan needs.

Separate management activities. In either case, the quality plan provides a way to combine the specific requirements of a process, product, service, project, or contract with

Ways to associate working methods with practice. The quality plan is most effective when it is compatible with other related plans. When combining quality planning with other management

When planning or quality management systems are integrated, the guidelines in this document can also be used.

The benefits of developing a quality plan include: increasing confidence in meeting requirements, ensuring that the process is more controlled, stimulating the initiative of relevant personnel, and

Provide insight into innovation and opportunities for improvement.

The guidelines for quality planning in this document are based on the quality management principles set forth in GB/T 19000 and the establishment of quality management principles in GB/T 19001.

The concept used in the quality management system. Chapter 6 describes the typical content of the quality plan, including guidelines for applying the relevant requirements of GB/T 19001.

South. The guidelines in this document are limited to quality plans and do not replace the guidelines on quality management concepts in GB/T 19000 or GB/T 19002

Guidelines on the application of GB/T 19001 requirements within the organization.

This document does not replace the guidelines given in the documented information for specific industries. When a quality plan is required in the application of the project, this

document aims to

To supplement the guidelines provided by GB/T 19016. Some terms used in this document have been changed compared with the previous version in order to improve

Consistency with GB/T 19001-2016 and other management system standards. Whether it is stipulating quality plan requirements or formulating quality plan,

No organization is required to replace the terms used with the terms in this document.

The following auxiliary verbs are used in this document.

---"Shall" means recommendation;

---"May" means allow;

---"Enable" means possible or capable.

"Note" information is a guide for understanding or explaining related content.

Note. For a guide on the subject of this introduction, see <https://committee.iso.org/home/tc176sc2>.

0.2 Use of this document

Chapters 1 to 3 provide basic information (scope, normative references, terms and definitions).

Chapter 4 summarizes how to apply the quality plan.

Chapter 5 describes the process of developing a quality plan.

Chapter 6 describes the typical content of a quality plan.

Chapter 7 describes the implementation and control of the quality plan.

Appendix A provides a simple example of a quality plan.

Appendix B provides a schematic diagram of the process method used for quality planning.

Appendix C provides a comparison table between this document and the provisions of GB/T 19001-2016.

Appendix D provides a comparison table between the terms of this document and GB/T 19000-2016 quality management principles.

References provide a list of standards and other related information.

0.3 Process method

Process approach refers to the systematic management of processes and their interactions to achieve expected results. Use process methods for quality planning to help