

ICS 45.020
CCS A 00



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

GB/T 47268-2026

Requirements for railway quality management system

轨道交通质量管理体系要求

(English Translation)

Issued on: March 31, 2026

Implemented on: October 1, 2026

Issued by: State Administration for Market Regulation

Table of Contents

Preface	
Introduction	
1 Scope	
2 Normative References	
3 Terms and Definitions, Abbreviations	
3.1 Terms and Definitions	
3.2 Abbreviations	
4 Organizational Environment	
4.1 Understanding the organization and its environment	
4.2 Understanding the needs and expectations of stakeholders	
4.3 Determine the scope of the quality management system	
4.4 Quality Management System and its Processes	
5 Leadership Role	
5.1 Leadership Role and Commitment	
5.2 Policy	
5.3 Organizational Positions, Responsibilities, and Authorities	
6 Planning	
6.1 Measures to address risks and opportunities	
6.2 Quality Objectives and Planning for Their Achievement	
6.3 Planning for Changes	
7 Supports	
7.1 Resource	
7.2 Ability	
7.3 Consciousness	
7.4 Communication	
7.5 Documented Information	
8 Run for 24 hours	
8.1 Operational Planning and Control	
8.2 Product and Service Requirements	
8.3 Design and Development of Products and Services	
8.4 Control of externally provided processes, products and services	
8.5 Production and service provision	

- 8.6 Release of Products and Services
- 8.7 Control of Non-conforming Outputs
- 8.8 Reliability, Availability, Maintainability, Security, and Life Cycle Cost Accounting
- 8.9 First item appraisal
- 8.10 Aging Management
- 9 Performance Evaluation
 - 9.1 Monitoring, Measurement, Analysis, and Evaluation
 - 9.2 Internal Audit
 - 9.3 Management Review
 - 9.4 Process Review
- 10 Improvements
 - 10.1 General Provisions
 - 10.2 Nonconformities and Corrective Actions
 - 10.3 Continuous Improvement
- Appendix A (Informative) Process List
 - A.1 Forced Process
 - A.2 Recommendation Process
- Appendix B (Informative) Concepts and Subordination of Product and Service Requirements
- Appendix C (Informative) Performance Indicators
 - C.1 General Provisions
 - C.2 The process of developing performance indicators
 - C.3 The SMART principle for defining performance indicators
 - C.4 Performance Indicator Development
 - C.5 Overview of PIs required or recommended in this document
 - C.6 Example
- References

Foreword

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

Drafting.

This document adopts ISO 22163:2023 "Rail Transit - Quality Management System", ISO 9001:2015 "Rail Transit - Quality Management System", and "Rail Transit - Quality

Management System".

Specific requirements for applications in the general field.

The following minimal editorial changes have been made to this document.

---To align with existing standards, the standard's name has been changed to "Requirements for Quality Management System of Rail Transit";

---Incorporating the content of the ISO 22163:2023/Amd1.2024 amendment;

---Add notes as supplementary information in 4.4.3, 7.1.6.1.2b), 7.2.1.1d), and 8.8.2; add supplementary information to note 4 in 8.1.3.1.1.

information.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed and is under the jurisdiction of the National Railway Administration.

0.1 General Provisions

This document aims to establish and continuously improve the quality management system for rail transit, ensuring the quality of products and services in the rail transit sector (including safety).

(Full range) to meet customer needs.

This document supplements GB/T 19001-2016 with specific requirements for the rail transit sector.

The content within the box in this document is the original text of GB/T 19001-2016.

In this document, "quality management system" in all original GB/T 19001-2016 text is understood as "rail transit quality management system".

The meaning is not limited to quality, but also covers all ISO quality processes related to rail transit. Therefore, the rail transit-specific supplement outside the box...

The description should use the term "rail transit quality management system".

The "this document" mentioned in GB/T 19001-2016 also applies to this document (including the content outside the box).

The clause numbers mentioned in this document shall be interpreted as representing all requirements under that clause, including sub-clauses.

The term "safety" as used in this document should be understood as "product and service safety" and should not be confused with "occupational safety".

The relevant processes required in this document are those developed in accordance with the organization's rail transit quality management system. These may be single processes or multiple processes.

To be merged or split.

GB/T 19001-2016, Quality Management System Requirements

0.1 General Provisions

Adopting a quality management system is a strategic decision for an organization, which can help improve its overall performance and lay a solid foundation for promoting sustainable development.

Good foundation.

The potential benefits for an organization to implement a quality management system in accordance with this document are.

- a) The ability to consistently provide products and services that meet customer requirements and applicable legal and regulatory requirements;
- b) Facilitate opportunities to enhance customer satisfaction;
- c) Addressing risks and opportunities related to the organizational environment and objectives;
- d) Demonstrate the ability to comply with the requirements of the specified quality management system.

This document may be used by internal and external parties.

Implementing this document does not require.

---Unify the architecture of different quality management systems;

---Form a document consistent with the structure of the clauses in this document;

---Specific terminology used within this document within the organization.

The quality management system requirements specified in this document are supplementary to the product and service requirements.

This document adopts a process approach, which combines the Plan-Do-Check-Act (PDCA) cycle with risk-based thinking.

The process approach enables organizations to plan processes and their interactions.

The PDCA cycle enables organizations to ensure that their processes are adequately resourced and managed, identify opportunities for improvement, and take action.

Risk-based thinking enables organizations to identify various factors that could cause their