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GB/T 19019-2026

Quality management - Guidance for quality tools and their application

质量管理 质量工具及其应用指南

(English Translation)

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Preview: page 1 of 5 shown, 50 in the full document. Complete English PDF, instant download:
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Table of Contents

Preface
Introduction
1 Scope
2 Normative References
3 Terms and Definitions
4 Quality Tools
4.1 Overview
4.2 Explanation
5 Strategy
5.2 PESTLE Analysis
5.3 Porter's Five Forces or Six Forces Model
5.4 Vision and Mission Statement
5.4.1 Vision
5.4.2 Mission
5.5 Other related tools
6 Process, Methodology, and Planning
6.1 SIPOC/COPIS (used for the identification process)
6.2 Turtle Picture
6.3 Control Plan
6.4 Flowcharts/Swimlane Diagrams/Cross-functional Flowcharts
6.5 Weight and Responsibility Matrix/RACI/RASCI
6.6 Other related tools
7 Risks and Opportunities 8.
7.1 SWIFT
7.2 Risk Registration Form/Risk Assessment
7.3 Failure Mode and Effects Analysis (FMEA)
7.4 Traffic Light Rating Method/Heat Map
7.5 Other related tools
8.1 Improvement
8.2 Policy Management (also known as the "X-Matrix")
8.3 Management by Objectives (MBO)
8.4 Other related tools

Preview: page 2 of 5 shown, 50 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-19019-2026

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9 Customer focus/Customer perception
9.1 Quality Function Deployment (QFD)
9.2 Net Promoter Score (NPS)
9.3 Carnot Model
9.4 Protodyakonov Matrix/Decision Matrix
9.5 Other related tools
10 Process Performance
10.1 Theory of Constraints (ToC)
10.2 Value Stream Management (VSM)
10.3 Process Waste
10.4 Work Breakdown Structure (WBS)
10.5 Italian pasta (Figure 18)
10.6 5S
10.7 Overall Equipment Effectiveness (OEE)
10.8 Production Leveling
11 Inventory Management/Saving
11.1 Kanban
11.2 Just-in-Time (JIT)
11.3 Other related tools
12 Detection and Prevention
12.1 Error Prevention
12.2 Visual Assistance
12.3 Cost of Quality (COQ)
12.4 Other related tools
13 Process control tools
13.1 Overview
13.2 Box Plot
13.3 Pie Chart
13.4 Radar Chart/Spider Chart
13.5 Pre-control
13.6 Critical Quality Characteristic (CTQ) Tree
13.7 Pareto Chart
13.8 Repeatability and reproducibility of measuring instruments (GR)
13.9 Other related tools
14.1 Root Cause Analysis (RCA)

Preview: page 3 of 5 shown, 50 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-19019-2026

14.2 Decision Tree
14.3 Fault Tree Analysis (FTA)
14.4 Five Questions Analysis
14.5 Fishbone Diagram/Ishikawa Illustration
14.6 Yes/No Analysis
14.7 Other related tools
15 Improvements
15.1 Benchmarking Management
15.2 Affinity Diagram
15.3 Quality Management Team/QC Team
15.4 Brainstorming
15.5 Six Thinking Hats
15.6 Other related tools
16 Management Tool Family
16.1 Six Sigma Project
16.2 Total Quality Management (TQM)
16.3 Other related tools
Appendix A (Informative) Overview of PDCA Tools
Appendix C (Informative) Summary of Quality Tool Characteristics
Appendix NA (Informative) List of Abbreviations
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 is one of the GB/T 19000 family of standards.

This document adopts ISO 10009:2024 "Quality management - Quality tools and guidance on their application".

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

---Note added to section 4.1, providing the Chinese national standard GB/T 19001- which is "equivalent" to ISO 9001:2015.

Information from 2016;

Preview: page 4 of 5 shown, 50 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-19019-2026

---Note added to section 6.6, providing the Chinese national standard GB/T 19015, which is "equivalent" to ISO 10005:2018.-Information for 2021;

---Note added to 9.5, providing the Chinese national standard GB/T 19014, which is "equivalent" to ISO 10004:2018.-Information from 2019;

---Note added to section 12.4, providing Chinese national standards with a conformity level of "equivalent" to ISO 10014:2021.

Information from GB/T 19024-2025;

---Note added to section 13.1, providing Chinese national standards with a conformity level of "equivalent" to ISO 10017:2021.

Information from GB/T 19027-2025;

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 Technical Committee on Standardization of Quality Management and Quality Assurance (SAC/TC151).

Introduction

The quality of products and services provided by an organization is achieved through the processes and procedures of establishing a quality management system (QMS).

In essence, the role of a quality management system is to ensure that the results of products and services meet the expected objectives.

Quality tools are an essential component of a quality management system. This document aims to familiarize users with a range of quality tools.

Some quality tools may be useful in the quality management system described in ISO 9001, and can help users select the appropriate quality tools for their current tasks.

Measurement tools.

This document focuses on tools that have been successfully applied in various industries and scenarios, while also helping users understand some tools that have not yet been widely adopted.

A tool for general applications.

1 Scope

This document provides guidance on the selection and application of quality tools in a quality management system.

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