



ISO 9001 Mapping guide

ISO Revisions



Mapping between the requirements of ISO 9001:2008 and ISO DIS 9001:2014

Introduction

This document gives a comparison between ISO 9001:2008 and the current Draft International Standard (DIS) of ISO 9001 (the new International Standard will be published in September 2015) and vice versa. This guide provides the following:

1. An overview of the changes, deletions, new or enhanced ISO 9001 requirements
2. A mapping between Quality Management System (QMS) requirements in ISO 9001:2008 and ISO DIS 9001:2014 where the requirement is essentially the same
3. The reverse mapping

Table 1 if you are considering a transition project from ISO 9001:2008 to the new version.

Table 2 is for checking 'backwards compatibility', between new and old systems; if you are designing your Quality Management System from new, but need to understand how the system might be compatible with other earlier versions of the system (i.e. on other sites, elsewhere in a corporate group or supply chain etc.). Some of the specific changes are:

- Greater integration with strategic direction and business processes
- Risk based thinking
- Context of the organization must be understood

- Outsourcing and purchasing is combined
- A quality manual is no longer a requirement
- The focus is on leadership rather than management and generally includes a strengthening of the requirements to achieve strategic alignment behind the organizational objectives, as well as support of the adoption of the process approach.
- The need for 6 mandatory procedures has been withdrawn and the standard acknowledges the various forms that documentation can take. But as part of the alignment with other management system standards a common clause on "Documented Information" has been adopted. Consequently, the terms "documented procedure" and "record" have both been replaced throughout the requirements by "documented information". Where ISO 9001:2008 would have referred to documented procedures (e.g. to define, control or support a process) this is now expressed as a requirement to maintain documented information to demonstrate the processes have been carried out as planned and conformity of the product and services to requirements. Where ISO 9001:2008 would have referred to records this is now expressed as a requirement to retain documented information.
- A management representative is no longer a specific requirement although certification bodies will require a nominated contact.
- The focus on performance rather than procedures of the organization.



1. Overview of the changes by clause number

Clause	Requirement
Clause 4	The introduction of a requirement to understand the “Context of the Organization” as well as the expectations of interested parties, as it impacts on the objective of the system which is to achieve customer satisfaction.
Clause 5	Leadership includes most of the existing “management responsibility” requirements.
Clause 6	Greater emphasis on “Planning”, which focuses on the identification of risks and opportunities as they impact on the scope of the system. This removes the need for preventive action as defined in the 2008 version, but includes strengthened requirements for the management of change and risk management.
Clause 7	“Support” includes most of the requirements of the previous clause 6 – resource management but includes a new requirement to manage “organizational knowledge”.
Clause 8	“Operations” replaces the previous Product realisation clause 7 but contains most of the previous requirements. The intention is to make it more relevant to the service sector.
Clause 9	“Performance evaluation” replaces the previous clause 8 and withdraws the need for preventive action which has now been subsumed into clause 6 Planning.
Clause 10	Increases the focus on “Improvement” and includes non-conformities and corrective action previously in clause 8.



2. ISO 9001:2008 to ISO DIS 9001:2014 Correlation Matrix

ISO 9001:2008	ISO DIS 9001:2014
4 Quality management system	4 Context of the Organization
4.1 General requirements	4.4 Quality management system and its processes
4.2 Documentation requirements	7.5 Documented information
4.2.1 General	7.5.1 General
4.2.2 Quality manual	4.3 Determining the scope of the quality management system
	7.5.1 General
	4.4 Quality management system and its processes
4.2.3 Control of documents	7.5.2 Creating and updating
	7.5.3 Control of documented information
4.2.4 Control of records	7.5.2 Creating and updating
	7.5.3 Control of documented information
5 Management responsibility	5 Leadership
5.1 Management commitment	5.1 Leadership and commitment
	5.1.1 Leadership and commitment for the quality management system
5.2 Customer focus	5.1.2 Customer focus
5.3 Quality policy	5.2 Quality policy
5.4 Planning	6 Planning for the quality management system
5.4.1 Quality objectives	6.2 Quality objectives and planning to achieve them
5.4.2 Quality management system planning	6 Planning for the quality management system
	6.1 Actions to address risks and opportunities
	6.3 Planning of changes
5.5 Responsibility, authority and communication	5 Leadership
5.5.1 Responsibility and authority	5.3 Organizational roles, responsibilities and authorities
5.5.2 Management representative	Title removed
	5.3 Organizational roles, responsibilities and authorities
5.5.3 Internal communication	7.4 Communication
5.6 Management review	9.3 Management review
5.6.1 General	9.3.1 Management review
5.6.2 Review input	9.3.1 Management review
5.6.3 Review output	9.3.2 Management review
6 Resource management	7.1 Resources
6.1 Provision of resources	7.1.1 General
	7.1.2 People
6.2 Human resources	Title removed
	7.2 Competence

Continued >>



2. Mapping table – continued

ISO 9001:2008	ISO DIS 9001:2014
6.2.1 General	7.2 Competence
6.2.2 Competence, training and awareness	7.2 Competence 7.3 Awareness
6.3 Infrastructure	7.1.3 Infrastructure
6.4 Work environment	7.1.4 Environment for the operation of processes
7 Product realization	8 Operation
7.1 Planning of product realization	8.1 Operational planning and control
7.2 Customer-related processes	8.2 Determination of requirements for products and services
7.2.1 Determination of requirements related to the product	8.2.2 Determination of requirements related to products and services
7.2.2 Review of requirements related to the product	8.2.3 Review of requirements related to products and services
7.2.3 Customer communication	8.2.1 Customer communication
7.3 Design and development	8.5 Production and service provision
7.3.1 Design and development planning	8.3 Design and development of products and services 8.3.1 General 8.3.2 Design and development planning
7.3.2 Design and development inputs	8.3.3 Design and development inputs
7.3.3 Design and development outputs	8.3.5 Design and development outputs
7.3.4 Design and development review	8.3.4 Design and development controls
7.3.5 Design and development verification	8.3.4 Design and development controls
7.3.6 Design and development validation	8.3.4 Design and development controls
7.3.7 Control of design and development changes	8.3.6 Design and development changes
7.4 Purchasing	8.4 Control of externally provided products and services
7.4.1 Purchasing process	8.4.1 General 8.4.2 Type and extent of control of external provision
7.4.2 Purchasing information	8.4.3 Information for external providers
7.4.3 Verification of purchased product	8.6 Release of products and services
7.5 Production and service provision	8.5 Production and service provision
7.5.1 Control of production and service provision	8.5.1 Control of production and service provision 8.5.5 Post-delivery activities
7.5.2 Validation of processes for production and service provision	8.5.1 Control of production and service provision
7.5.3 Identification and traceability	8.5.2 Identification and traceability
7.5.4 Customer property	8.5.3 Property belonging to customers or external providers
7.5.5 Preservation of product	8.5.4 Preservation

Continued >>



2. Mapping table – continued

ISO 9001:2008	ISO DIS 9001:2014
7.6 Control of monitoring and measuring equipment	7.1.5 Monitoring and measuring resources
8.0 Measurement, analysis and improvement	9.1 Monitoring, measurement, analysis and evaluation
8.1 General	9.1.1 General
8.2 Monitoring and measurement	9.1 Monitoring, measurement, analysis and evaluation
8.2.1 Customer satisfaction	9.1.2 Customer satisfaction
8.2.2 Internal audit	9.2 Internal audit
8.2.3 Monitoring and measurement of processes	9.1.1 General
8.2.4 Monitoring and measurement of product	8.6 Release of products and services
8.3 Control of nonconforming product	8.7 Control of nonconforming process outputs, products and services
8.4 Analysis of data	9.1.3 Analysis and evaluation
8.5 Improvement	10 Improvement
8.5.1 Continual improvement	10.1 General
8.5.2 Corrective action	10.3 Continual Improvement
8.5.3 Preventive action	10.2 Nonconformity and corrective action
	Clause removed
	6.1 Actions to address risks and opportunities (see 6.1.1, 6.1.2)



3. ISO DIS 9001:2014 to ISO 9001:2008 Correlation Matrix

ISO DIS 9001:2014		ISO 9001:2008	
4	Context of the organization	1.0	Scope
4.1	Understanding the organization and its context	1.1	General
4.2	Understanding the needs and expectations of interested parties	1.1	General
4.3	Determining the scope of the quality management system	1.2	Application
		4.2.2	Quality manual
4.4	Quality management system and its processes	4	Quality management system
		4.1	General requirements
5	Leadership	5	Management responsibility
5.1	Leadership and commitment	5.1	Management commitment
5.1.1	Leadership and commitment for the quality management system	5.1	Management commitment
5.1.2	Customer focus	5.2	Customer focus
5.2	Quality policy	5.3	Quality policy
5.3	Organizational roles, responsibilities and authorities	5.5.1	Responsibility and authority
		5.5.2	Management representative
6	Planning for the quality management system	5.4.2	Quality management system planning
6.1	Actions to address risks and opportunities	5.4.2	Quality management system planning
		8.5.3	Preventive action
6.2	Quality objectives and planning to achieve them	5.4.1	Quality objectives
6.3	Planning of changes	5.4.2	Quality management system planning
7	Support	6	Resource management
7.1	Resources	6	Resource management
7.1.1	General	6.1	Provision of resources
7.1.2	People	6.1	Provision of resources
7.1.3	Infrastructure	6.3	Infrastructure
7.1.4	Environment for the operation of processes	6.4	Work environment
7.1.5	Monitoring and measuring resources	7.6	Control of monitoring and measuring equipment
7.1.6	Organizational knowledge	New	
7.2	Competence	6.2.1	General
		6.2.2	Competence, training and awareness
7.3	Awareness	6.2.2	Competence, training and awareness
7.4	Communication	5.5.3	Internal communication
7.5	Documented information	4.2	Documentation requirements
7.5.1	General	4.2.1	General

Continued >>



3. Mapping table – continued

ISO DIS 9001:2014		ISO 9001:2008	
7.5.2	Creating and updating	4.2.3	Control of documents
		4.2.4	Control of records
7.5.3	Control of documented Information	4.2.3	Control of documents
		4.2.4	Control of records
8	Operation	7	Product realization
8.1	Operational planning and control	7.1	Planning of product realization
8.2	Determination of requirements for products and services	7.2	Customer-related processes
8.2.1	Customer communication	7.2.3	Customer communication
8.2.2	Determination of requirements related to products and services	7.2.1	Determination of requirements related to the product
8.2.3	Review of requirements related to the products and services	7.2.2	Review of requirements related to the product
8.3	Design and development of products and services	7.3	Design and development
8.3.1	General	New	
8.3.2	Design and development planning	7.3.1	Design and development planning
8.3.3	Design and development inputs	7.3.2	Design and development inputs
8.3.4	Design and development controls	7.3.4	Design and development review
		7.3.5	Design and development verification
		7.3.6	Design and development validation
8.3.5	Design and development outputs	7.3.3	Design and development outputs
8.3.6	Design and development changes	7.3.7	Control of design and development changes
8.4	Control of externally provided products and services	7.4.1	Purchasing process
8.4.1	General	7.4.1	Purchasing process
8.4.2	Type and extent of control of external provision	7.4.1	Purchasing process
		7.4.3	Verification of purchased product
8.4.3	Information for external providers	7.4.2	Purchasing information
8.5	Production and service provision	7.5	Production and service provision
8.5.1	Control of production and service provision	7.5.1	Control of production and service provision
8.5.2	Identification and traceability	7.5.3	Identification and traceability
8.5.3	Property belonging to customers or external providers	7.5.4	Customer property
8.5.4	Preservation	7.5.5	Preservation of product
8.5.5	Post-delivery activities	7.5.1	Control of production and service provision
8.5.6	Control of changes	7.3.7	Control of design and development changes
8.6	Release of products and services	8.2.4	Monitoring and measurement of processes
		7.4.3	Verification of purchased product
8.7	Control of nonconforming process outputs, products and services	8.3	Control of nonconforming product

Continued >>



3. Mapping table – continued

ISO DIS 9001:2014		ISO 9001:2008	
9	Performance evaluation	New	
9.1	Monitoring, measurement, analysis and evaluation	8	Measurement, analysis and improvement
9.1.1	General	8.1	General
9.1.2	Customer satisfaction	8.2.1	Customer satisfaction
9.1.3	Analysis and evaluation	8.4	Analysis of data
9.2	Internal audit	8.2.2	Internal audit
9.3	Management review	5.6	Management review
10	Improvement	8.5	Improvement
10.1	General	8.5.1	Continual improvement
10.2	Nonconformity and corrective action	8.3	Control of nonconforming product
		8.5.2	Corrective action
10.3	Continual Improvement	8.5.1	Continual improvement

References

ISO/TC 176/SC 2 Documents N1224, July 2014
 ISO/TC 176/SC 2 Dated: 2014-05-8 ISO/DIS 9001

Support on your transition journey
 For the latest updates
 and news on ISO 9001:2015,
 visit bsigroup.com/isorevision



bsigroup.com



The trademarks in this material (for example the BSI logo or the word "KITEMARK") are registered and unregistered trademarks owned by The British Standards Institution in UK and certain other countries throughout the world.