



ISO Revisions



Final
Standard

Mapping between the requirements of ISO 14001:2004 and ISO 14001:2015

Mapping Guide

Introduction

This document presents a mapping between the requirements of ISO 14001:2004 and ISO 14001:2015. It has been designed for guidance purposes only and provides the following:

1. An overview of the changes, deletions, new or enhanced ISO 14001 requirements
2. The reverse mapping

How to use these tables

- Table 1 if you are considering a transition project from ISO 14001:2004 to the new version.
- Table 2 is for checking 'backwards compatibility', between new and old systems; if you are designing your Environmental 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.).
- Where the cross referencing between the clauses in the different standards appears without comment, this should not be taken to mean that there is direct commonality of requirements between the two different versions; the tables are designed to help you initiate further investigation of the degree of correspondence both between the differing expression of the requirements in the different standards and between the chosen requirement and the system under development or examination.
- As all management systems can differ according to the circumstances in which they are implemented, some systems will already be addressing some aspects of the greater level of detail included in the new version of ISO 14001.



1. Overview of the changes by clause number

Clause	Requirement
Clause 4	The introduction of a requirement to understand the 'Context of the organization' and its impact when establishing and maintaining the environmental management system.
Clause 5	Leadership includes most of the existing "management responsibility" requirements.
Clause 6	The introduction of "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 2004 version, but includes strengthened requirements for the management of change and risk management.
Clause 7	"Support" to determine what resources are required as well as greater emphasis on awareness and the determination of competence
Clause 8	"Operations" - explicit requirements for establishing criteria and implementing control of processes and more emphasis on the concept of lifecycle perspective that impacts the EMS.
Clause 9	"Performance evaluation" replaces the previous Clause 4.5 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 4.5.3.



2. ISO 14001:2004 to ISO 14001:2015 Correlation Matrix

ISO 14001:2004	ISO 14001:2015
	4 Context of the organization (title only)
	4.1 Understanding the organization and its context
	4.2 Understanding the needs and expectations of interested parties
4.1 General requirements	4.3 Determining the scope of the environmental management systems
	4.4 Environmental management system
	5 Leadership (title only)
	5.1 Leadership and commitment
4.2 Environmental policy	5.2 Environmental policy
4.3 Planning (title only)	6 Planning (title only)
	6.1 Actions to address risks and opportunities (title only)
	6.1.1 General
4.3.1 Environmental aspects	6.1.2 Environmental aspects
4.3.2 Legal and other requirements	6.1.3 Compliance obligations
	6.1.4 Planning action
4.3.3 Objectives, targets and programme(s)	6.2 Environmental objectives and planning to achieve them (title only)
	6.2.1 Environmental objectives
	6.2.2 Planning actions to achieve environmental objectives
4.4 Implementation and operation (title only)	7 Support (title only)
4.4.1 Resources, roles, responsibility and authority	7.1 Resources
	5.3 Organizational roles, responsibilities and authorities
4.4.2 Competence, training and awareness	7.2 Competence
	7.3 Awareness
4.4.3 Communication	7.4 Communication (title only)
	7.4.1 General
	7.4.2 Internal communication
	7.4.3 External communication
4.4.4 Documentation	7.5 Documented information (title only)
	7.5.1 General

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2. Mapping table – continued

ISO 14001:2004	ISO 14001:2015
4.4.5 Control of documentation	7.5.2 Creating and updating
4.5.4 Control of records	7.5.3 Control of documented information
4.4 Implementation and operation (title only)	8 Operation (title only)
4.4.6 Operational control	8.1 Operational planning and control
4.4.7 Emergency preparedness and response	8.2 Emergency preparedness and response
4.5 Checking (title only)	9 Performance evaluation (title only)
4.5.1 Monitoring and measurement	9.1 Monitoring, measurement, analysis and evaluation (title only)
	9.1.1 General
4.5.2 Evaluation of compliance	9.1.2 Evaluation of compliance
4.5.3 Nonconformity, corrective action and preventive action	10.2 Nonconformity and corrective action
4.5.4 Control of records	7.5.2 Creating and updating
	7.5.3 Control of documented information
4.5.5 Internal audit	9.2 Internal audit
4.6 Management review	9.3 Management review
	10 Improvement (title only)
	10.2 Nonconformity and corrective action
	10.3 Continual improvement



3. ISO 14001:2015 to ISO 14001:2004 Correlation Matrix

ISO 14001:2015	ISO 14001:2004
4 Context of the organization (title only)	
4.1 Understanding the organization and its context	
4.2 Understanding the needs and expectations of interested parties	
4.3 Determining the scope of the environmental management systems	4.1 General requirements
4.4 Environmental management system	
5 Leadership (title only)	
5.1 Leadership and commitment	
5.2 Environmental policy	4.2 Environmental policy
5.3 Organizational roles, responsibilities and authorities	4.4.1 Resources, roles, responsibility and authority
6 Planning (title only)	4.3 Planning (title only)
6.1 Actions to address risks and opportunities (title only)	
6.1.1 General	
6.1.2 Environmental aspects	4.3.1 Environmental aspects
6.1.3 Compliance obligations	4.3.2 Legal and other requirements
6.1.4 Planning action	
6.2 Environmental objectives and planning to achieve them (title only)	4.3.3 Objectives, targets and programme(s)
6.2.1 Environmental objectives	4.3.3 Objectives, targets and programme(s)
6.2.2 Planning actions to achieve environmental objectives	
7 Support (title only)	4.4 Implementation and operation (title only)
7.1 Resources	4.4.1 Resources, roles, responsibility and authority
7.2 Competence	4.4.2 Competence, training and awareness
7.3 Awareness	
7.4 Communication (title only)	4.4.3 Communication
7.4.1 General	
7.4.2 Internal communication	
7.4.3 External communication	
7.5 Documented information (title only)	4.4.4 Documentation
7.5.1 General	

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3. Mapping table – continued

ISO 14001:2015	ISO 14001:2004
7.5 Documented information (title only)	4.4.4 Documentation
7.5.1 General	
7.5.2 Creating and updating	4.4.5 Control of documentation
	4.5.4 Control of records
7.5.3 Control of documented information	4.4.5 Control of documentation
	4.5.4 Control of records
8 Operation (title only)	4.4 Implementation and operation (title only)
8.1 Operational planning and control	4.4.6 Operational control
8.2 Emergency preparedness and response	4.4.7 Emergency preparedness and response
9 Performance evaluation (title only)	4.5 Checking (title only)
9.1 Monitoring, measurement, analysis and evaluation (title only)	4.5.1 Monitoring and measurement
9.1.1 General	
9.1.2 Evaluation of compliance	4.5.2 Evaluation of compliance
9.2 Internal audit	4.5.5 Internal audit
9.3 Management review	4.6 Management review
10 Improvement (title only)	
10.1 General	
10.2 Nonconformity and corrective action	
10.3 Continual improvement	4.5.3 Nonconformity, corrective action and preventive action



Transition guidance

Transition is an opportunity

– What do you need to do.

1. Take a completely fresh look at the EMS
2. Attend a one-day transition course to understand the differences
3. Highlight the key changes as opportunity for improvements
4. Make changes to your documentation to reflect new structure (as necessary)
5. Implement new requirements on leadership, risk and context of organization
6. Review effectiveness of current control set
7. Assume every control may have changed
8. Carry out an impact assessment

Your transition journey

BSI has identified a step-by-step journey to help you through the transition and realize the benefits of ISO 14001:2015. We have mapped out a framework which guides you through the options and support available from BSI to ensure you have the knowledge and information you require.

Buy a copy of the new International Standard as soon as possible.

This will help you become familiar with the new requirements, terminology and layout



Visit the BSI website to access the most up-to-date support and transition material available at bsigroup.com/isorevisions including whitepapers which can help you understand the changes



Look at the wide range of BSI transition training courses available to make sure you fully understand the changes including introduction and implementing courses as well as specific deep-dive modules designed to help you understand core ISO Standard requirements



Download our implementation toolkit developed to help you understand, implement and communicate the ISO 14001 revision changes throughout your organization



Consider further services to help implement the changes. BSI has a full range of services available including gap assessments, Entropy software to help you manage your systems and transition assessments for organizations keen to transition quick and gain early adopter advantage

Support on your transition journey

For the latest updates
and news on ISO 14001:2015,
visit bsigroup.com/iso14001revision

Why BSI?

BSI has been at the forefront of ISO 14001 since the start. And it was originally based on BS 7750, the first environmental management system standard which was developed by BSI in 1992, the year of the first Earth Summit in Rio. That's why we're best placed to help you understand and transition to the new standard.

At BSI we create excellence by driving the success of our clients through standards. We enable others to perform better, manage risk and achieve sustainable growth.

For over a century our experts have been challenging mediocrity and complacency to help embed excellence into the way people and products work. We make excellence a habit

Our products and services

We provide a unique combination of complementary products and services, managed through our three business streams; Knowledge, Assurance and Compliance.

Knowledge

BSI works with business experts, government bodies, trade associations and consumer groups to capture best practice and structure the knowledge all organizations need to succeed. The majority of the widely used and implemented international standards were originally shaped by BSI, for example ISO 9001, Quality Management and ISO/IEC 27001 for Information Security.

Assurance

Independent assessment of the conformity of a process or product to a particular standard ensures that our clients perform to a high level of excellence. We help our clients understand how they are performing, thereby identifying areas of improvement from within

Compliance

To experience real, long-term benefits, our clients need to ensure ongoing compliance to a standard so that it becomes an embedded habit. We train our clients to understand standards and how to implement them, as well as provide added value and differentiated management tools to facilitate the process of ongoing compliance.

To find out more
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