

WHITE PAPER

Ultimate transition guide

ISO 14001:2015

Environment Management System

The impact in international standard
for environment management system



Success through management excellence



Global Standards is happy to guide about environment management system - ISO 14001:2015 in a way that can easily be understood. The change is obvious and the same has been applied this time for EMS standard with concrete impacts. This standard with new formation has value meanings for all the organizations at any kind of scope further to ensure the commitment of safe environment system.

In this white paper the core changes related to structure, auditable requirements, implications and risk based thinking has been incorporated for better guidance.

All ISO management system standards are subject to a regular review under the rules by which all are written. Following a substantial ISO user survey the committee decided that a review was appropriate and created the following objectives to maintain its relevance to current market for long term bases. However, this change is not going to change upto ten years so that organizations can penetrate in EMS with more durability.

The ISO 14001:2015 standard is one of the most widely known standards for environment management system to achieve environmental objective, is implemented by over 159,000 organizations. It used to be BS 7750 before 1996.

The ISO 14001 standard has become an international reference for Environment Management requirements.

ISO 14001 helps organizations of any type and size with “Environment Management System” including:

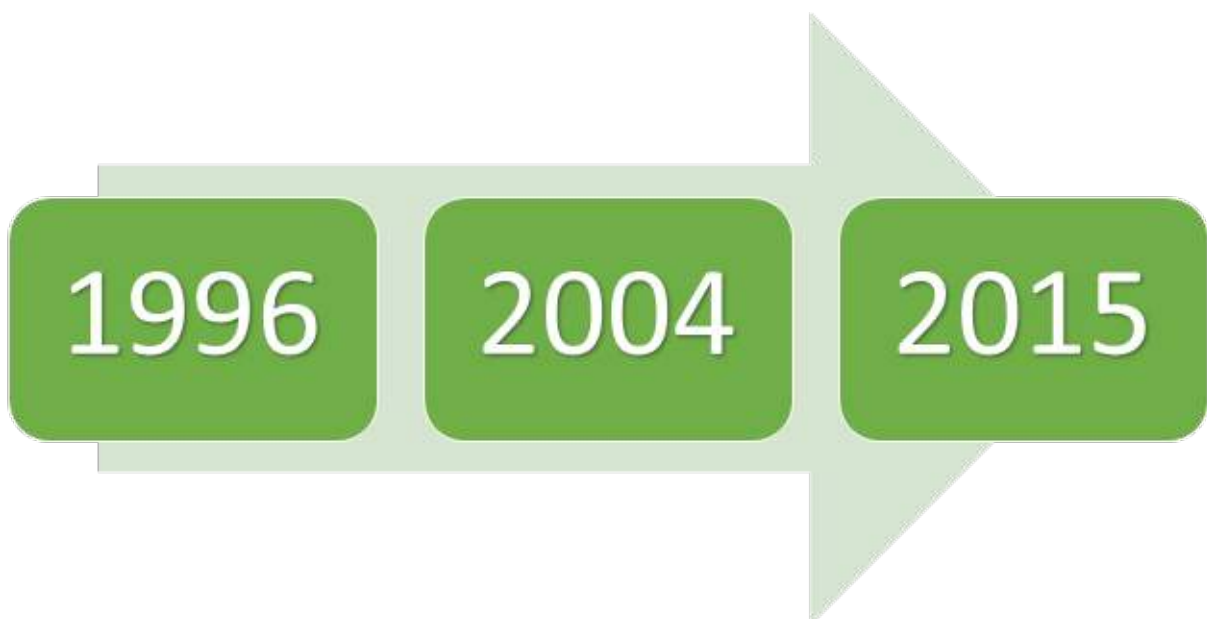
- It supports environment related requirements of regulatory and interested parties
- Environment friendly reputation
- Enhancement of PDCA cycle
- Achieving improvement through more improved risk based strategy
- Downsize the hazardous impact to open environment
- Encourage the corporate relationships to secure global environment

The standard has earned a worldwide reputation known as the “Environment Management System”, which can be applied to any organization, large or small, whatever its business, products or Services.

“Management system” refers to the organization’s structure for managing its processes or business Activities.

ISO 14001 standard provides the practical tools to the organizations to achieve their environment targets meeting to reduce maximum significance of impacts of associated aspects.

The family of ISO 14000 carries many standards for auditing requirements and guidelines for better implementation planning before execution. EMS standard requires more the environment objectives more the improvement will be achieved.



BENEFITS OF ISO 14001 STANDARD

- Identify cost savings with greater emphasis on resource, waste and energy management
- Develop the corporate image and credibility
- Quantify, monitor and control the impact of operations on the environment, now and in the future
- Ensure legislative awareness and compliance
- Improve environmental performance of supply chain
- Protect the company, assets, shareholders and interested parties
- Potentially decrease public liability insurance costs for your organization
- Grow your access to business partners and potential customers
- Increase credibility among business associates.
- Be confident through internal auditing, organizational knowledge and management reviews.
- Successful achievement of goals through encouraging the continual improvement.

The ISO 14001:2015 standard is based on the management Principles as shown below.

- Principle 1 – **PLAN**
- Principle 2 – **DO**
- Principle 3 – **CHECK**
- Principle 4 – **ACT**

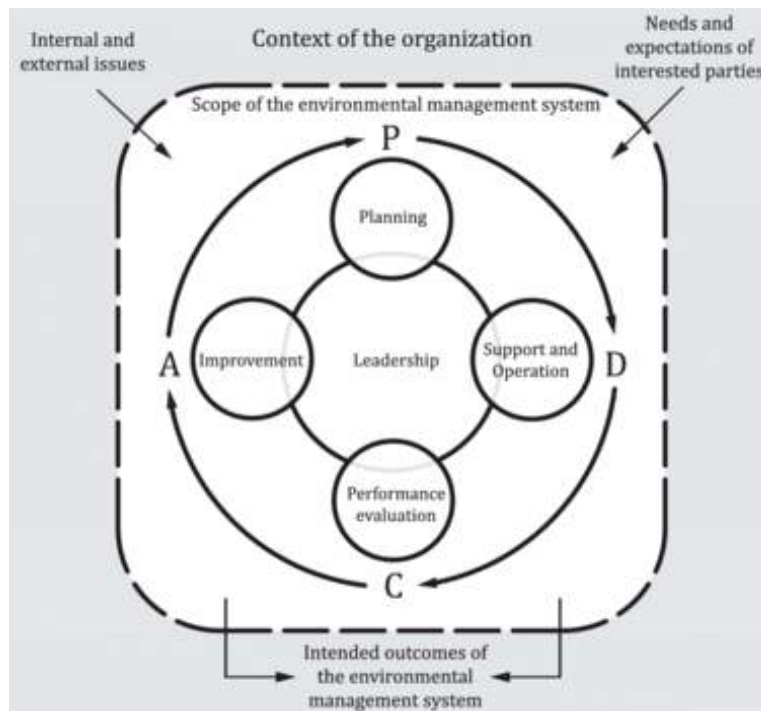
Global Standards ensures to provide the essence of all principles of ISO 14001:2015. This environment standard follow the model of PDCA as principle and recycle it post of completion each objective once achieved. It requires high attention of improvement.

WHAT IS THE CHANGE

STRUCTURE

ISO 14001:2015 will be based on Annex SL – the new high level structure (HLS) that brings a common framework to all ISO management systems. This helps to keep consistency, align different management system standards, offer matching sub-clauses against the top-level structure and apply common language across all standards.

PDCA MODEL



AUDITABLE CLAUSES

- 4- Context of Organization
- 5- Leadership
- 6- Planning
- 7- Support
- 8- Operation
- 9- Performance Evaluation
- 10- Improvement

DOCUMENTED INFORMATION

As part of the alignment with other management system standards a common clause on 'Documented Information' has been adopted. The terms "documented procedure" and "record" have both been replaced throughout the requirements text by "documented information". Where ISO 14001:2004 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.

COMPARISON

ISO 14001:2015		ISO 14001:2004	
Introduction			Introduction
Scope	1	1	Scope
Normative references	2	2	Normative references
Terms and definitions	3	3	Terms and definitions
Context of the organization (title only)	4		
		4	Environmental management system requirements (title only)
Understanding the organization and its	4.1		
Understanding the needs and expectations of interested parties	4.2		
Determining the scope of the environmental management system	4.3	4.1	General requirements
Environmental management system	4.4	4.1	General requirements
Leadership (title only)	5		
Leadership and commitment	5.1		
Environmental policy	5.2	4.2	Environmental policy
Organizational roles, responsibilities and	5.3	4.4.1	Resources, roles, responsibility and
Planning (title only)	6	4.3	Planning (title only)
Actions to address risks and opportunities	6.1		
General	6.1.1		
Environmental aspects	6.1.2	4.3.1	Environmental aspects
Compliance obligations	6.1.3	4.3.2	Legal and other requirements
Planning action	6.1.4		
Environmental objectives and planning to achieve them (title only)	6.2		
Environmental objectives	6.2.1	4.3.3	Objectives, targets and programme(s)
Planning actions to achieve	6.2.2		
Support (title only)	7	4.4	Implementation and operation (title only)
Resources	7.1	4.4.1	Resources, roles, responsibility and
Competence	7.2		
Awareness	7.3	4.4.2	Competence, training and awareness
Communication (title only)	7.4		
General	7.4.1	4.4.3	Communication
Internal communication	7.4.2		
External communication	7.4.3		

COMPARISON

ISO 14001:2015		ISO 14001:2004	
Documented information (title only)	7.5	4.4.4	Documentation
General	7.5.1		
Creating and updating	7.5.2	4.4.5	Control of documents
		4.5.4	Control of records
Control of documented information	7.5.3	4.4.5	Control of documents
		4.5.4	Control of records
Operation (title only)	8	4.4	Implementation and operation (title only)
Operational planning and control	8.1	4.4.6	Operational control
Emergency preparedness and response	8.2	4.4.7	Emergency preparedness and response
Performance evaluation (title only)	9	4.5	Checking (title only)
Monitoring, measurement, analysis and evaluation (title only)	9.1	4.5.1	Monitoring and measurement
General	9.1.1		
Evaluation of compliance	9.1.2	4.5.2	Evaluation of compliance
Internal audit (title only)	9.2	4.5.5	Internal audit
General	9.2.1		
Internal audit programme	9.2.2		
Management review	9.3	4.6	Management review
Improvement (title only)	10		
General	10.1		
Nonconformity and corrective action	10.2	4.5.3	Nonconformity, corrective action and
Continual improvement	10.3		

The correlation between ISO 14001 ver 2004 & 2015 better differentiate the difference the change to adopt the impact easily with less associated aspects. It will help organizations to implement or transit their environment management system in better and right ways.

ANNEX-SL

A new high level structure for all management standards

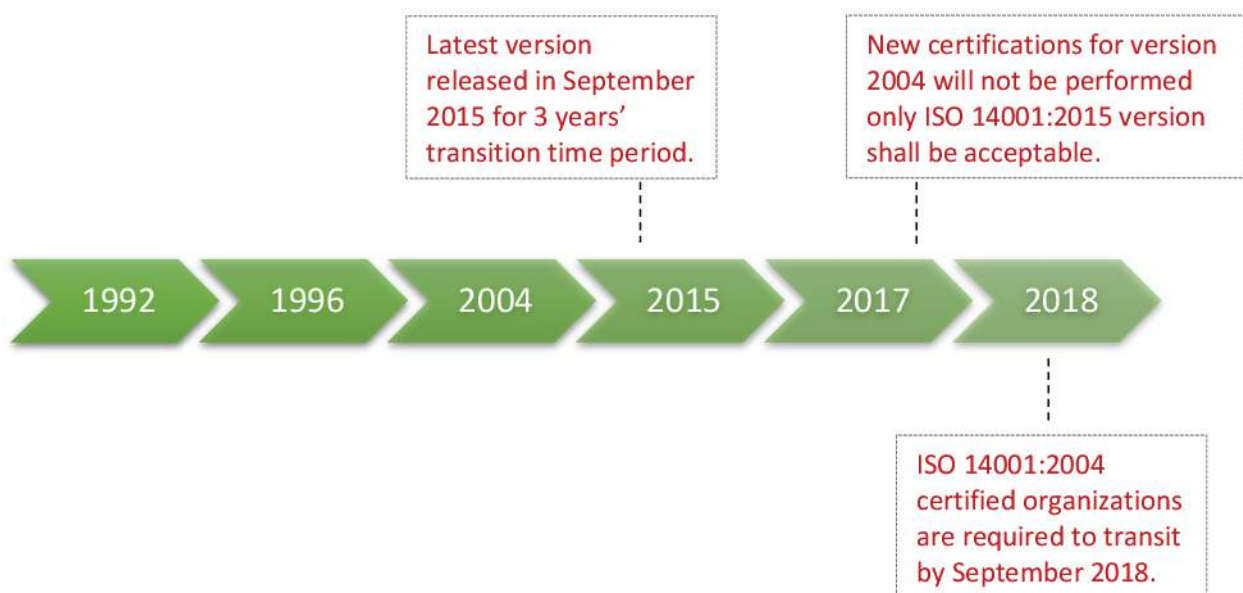
Annex-SL, is a type of structure that was introduced by ISO technical committee to eliminate the gap among all its management standards. This provides the framework of 'common structure' with similar use of terms, definitions, clause patterns and easy integration of standards for organization at the same time.

The common structure of standard requirements:

- Clause 1: Scope
- Clause 2: Normative references
- Clause 3: Terms and definitions
- Clause 4: Context of the organization
- Clause 5: Leadership
- Clause 6: Planning
- Clause 7: Support
- Clause 8: Operation
- Clause 9: Performance evaluation
- Clause 10: Improvement

TRANSITION TIME LINE

September 2018, is the deadline for the transition. Transition should be executed timely to those who are already on ver 2004. After September 2018 no organization shall be eligible to continue ISO 14001:2004 version at all. The timely transition shall secure your continuation of certification and involvement of people to understand the new standard for the continuation of environment management system with spirit of confidence.



The quick contact to Global Standards shall be in benefit to introduce your organization for true means of ver. 2015 with effective implementation. Global Standards is passionate to deliver for the change and integration with similar standards.



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