

ISO 14001:2015 Update

(and a little on ISO 45001)

Kristen Belcredi, P.E.
Senior Vice President
KERAMIDA Inc.
kbelcredi@keramida.com
www.keramida.com

Outline

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- ❑ ISO 14001:2015 Timeline
- ❑ Major Changes to the Standard
- ❑ Practical Implications
- ❑ Examples of Possible EMS Changes
- ❑ Transition Management Steps
- ❑ Status on ISO 45001 (Health and Safety)

ISO 14001:2015

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Transitioning Your Environmental Management System (EMS)

INTERNATIONAL
STANDARD

ISO
14001

Third edition
2015-09-15

**Environmental management
systems — Requirements with
guidance for use**

*Systèmes de management environnemental — Exigences et lignes
directrices pour son utilisation*

Transition Timeline

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- ❑ Final Standard Published September 2015 – “Start date”
- ❑ Transition within 3 years (September 2018)
- ❑ If your current certification expires prior to September 2018
 - 2016 – Recertify under :2004? Then certify under :2015 in 2018?
 - 2017 or 2018 – Transition to :2015
- ❑ If your current certification expires after September 2018
 - You must have a recertification audit and certification for :2015 prior to September 2018.
- ✓ Some Registrars have set their own deadlines!! Check with yours.

Some of the “Key” Changes

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- ❑ **Strategic Environmental Management**
- ❑ **Leadership and Commitment**
- ❑ **Environmental performance**
- ❑ **Lifecycle thinking**
- ❑ Many other minor additions and deletions to clauses and terminology

Some of the “Key” Changes

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❑ Strategic Environmental Management –

- Organization’s context and the needs and expectations of interested parties.
- Address risks & opportunities for the benefit of the environment.

❑ Leadership and Commitment –

- To promote environmental management, a new clause was added that assigns 9 defined responsibilities for those in leadership roles.

Some of the “Key” Changes

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Environmental performance

- Does your EMS emphasize improving environmental performance and achieving intended outcomes?

Lifecycle thinking

- Extend your operational controls and influence to the impacts “beyond your walls”
- Raw materials, procurement, design, transportation, packaging, end-of-life, and final product use/disposal.

Documentation

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- ❑ Focus is not on a complex documented information control system, but on demonstrating the implementation of the EMS and environmental performance.
- ❑ :2015 Standard says "Documented Information" – to reflect the varied ways we now document things (instead of "Documents" and "Records")
- ❑ However, you will likely be reorganizing and revising most EMS documentation at the beginning to fit the new standard clause names, #'s, etc.

Structure of the Standard

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- Reorders the standard - cross reference in Annex B of 14001:2015
- Aligns with other management system standards (e.g. 9001)

	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

Examples of EMS Changes

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- ❑ More Organizational awareness
- ❑ More roles and involvement by Leadership
- ❑ New way of looking at Aspects/Impacts
 - Context, Risks, Opportunities, Environmental Performance
 - Life-Cycle, Suppliers, Consumers
- ❑ Focus on internal AND external parties and communication
- ❑ Revised documentation and records opportunities

Steps for Managing Transition

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- ❑ Get the Final Standard (iso.org)
- ❑ Brief your leadership on their new obligations
- ❑ Take this opportunity to re-invent your EMS
 - Look at everything with a critical eye - past audits, peer reviews, CAPAs, user input
- ❑ Conduct a Gap Analysis
- ❑ Revisit all your processes, aspects, impacts, and significance ranking. Add in “life-cycle thinking”
- ❑ Think about new Objectives – Environmental Performance

Steps for Managing Transition

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❑ Preparation for Certification Audit

- Ask about the status of certifying body's accreditation to new standard and availability of Auditors
- Will the # of Audit days be increasing?
- Consider a Readiness Assessment
- Allow time between Readiness and Full Assessment for addressing gaps noted in Readiness Assessment

Proposed Phases to Transition

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	Step 1	Step 2	Step 3	Step 4
Phase 1	Understand New ISO 14001	Think about Culture Changes and Brief Your Leadership	Map Changes to EMS Manual and/or Procedures	Re-Invent EMS? Committee, review CAPAs, Objectives, Day-to-Day Activities
Phase 2	Revisit Processes, Aspects, Impacts, Targets and Objectives Think Environmental Performance Think Life-Cycle		Make EMS Documentation Changes	Conduct final Gap Analysis
Phase 3	Transition System Fully to New Revision - Training, Documentation, Objectives, Internal Audit			Prepare for Certification Audit

ISO 45001 – H & S Management System

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- ❑ OHSAS 18001
- ❑ Currently at “Enquiry Stage” then Vote
- ❑ Expected to be published December 2017
- ❑ Most notable changes are in Operational Control
 - ❑ Hierarchy of Controls – Eliminate, Substitute, Engineering, Administrative, PPE
 - ❑ Management of Change
 - ❑ Contractors
 - ❑ Outsourcing

Summary

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ISO 14001:2015

- Layout your specific Transition Timeline
- Map out your Transition Plan
 - ▣ Leadership Briefing
 - ▣ Document Changes
 - ▣ Training
 - ▣ Certification Steps

ISO 45001 - Health & Safety Management System

- Expect more customer/market forces in 2018

Thank you!

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