Workshop 8: The Revised ISO14001: Reinvigorating your Environmental Management System

Martin Baxter, Executive Director – Policy and Engagement, Institute of Environmental Management and Assessment
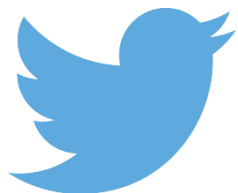
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The Revised ISO14001: Reinvigorating your Environmental Management System

Overview

1. ISO 14001 Revision - Background & Market Scale
2. IEMA's engagement process
3. Latest Draft – ISO DIS 14001
    i. Proposed changes
    ii. Key issues & potential implications
4. Timetable for the revision & transition for certification

Background to Revision

1. 'Revision-lite' in 2004

2. International Study Group report "EMS Future Challenges"

3. Decision to revise ISO 14001 balloted in November 2012

   i. Use new structure for all ISO management system standards

   ii. Consider "EMS Future Challenges" report recommendations (24) for improvement

   iii. No diminution of existing requirements

The Market: ISO 14001

	Certificates	Annual increase (%)	Annual Absolute Increase	Regional Share (%)
Africa	2538	22%	454	0.8%
Central / South America	9890	21%	1688	3.3%
North America	8917	4%	344	3.0%
Europe	119107	6%	7197	39.5%
East Asia and Pacific	151089	3%	5020	50.1%
Central and South Asia	6672	34%	1703	2.2%
Middle East	3434	21%	587	1.1%
TOTAL	**301,647**	**6%**	**16,993**	**100%**

ISO data on the number of accredited certificates at the end of 2013

IEMA's Engagement

Profession acting as an evidence base to inform the revision

- Workshops throughout UK & Ireland prior to 1st WG5 meeting (over 400 members)
    i.   Review HLS
    ii. Views on 24 EMS Future Challenges recommendations
- IEMA Member Survey – 1650 respondents in April 2012
- IEMA Position Statement

Plus:

- Webinars – at each stage of the process….some with over 900 people registered
- Workshops – over 50 in locations throughout the UK & beyond
- Roundtables – exploring key issues

IEMA's Position

- Build stronger links between EMS and overall strategic direction and decision making

- Consider impacts from a changing environment

- Place greater emphasis on managing impacts across the value chain

- Integrate EMS requirements within core organisational processes

- Strengthen requirements on demonstration of legal compliance and performance improvement

**All these issues are included
in the current draft**

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Proposed Changes: Key Issues

1. **New structure – significant change**
2. **Scope framed as "the environmental pillar of sustainability"**
3. **Terms and definitions**
   - Top management
   - Compliance obligation
   - Environmental condition
   - Risk
   - Environmental performance
   - Life cycle

Proposed Changes: Key Issues

4.   Strategic context (4.1 and 4.2)

i.   Internal & external issues that will affect EMS outcomes (4.1):

–   Impact of the organisation <u>on the environment</u>

–   Impact of the <u>environment on the organisation</u>

–   Not limited to environmental factors

ii.   Needs and expectations of <u>interested parties</u> (4.2)

–   can include customers, regulators, shareholders, investors, + internal (e.g. marketing, finance)

–   Determine compliance obligations

Proposed Changes:
Key Issues

5. **Organisation sets the scope of its EMS (4.3) and determines <u>how</u> it will implement the requirements (4.4)**
   - Scope must be publicly available

6. **New requirements on leadership & top management (5.1)**
   - Taking accountability for the effectiveness for the EMS
   - Ensure <u>integration</u> of EMS into core business processes
   - Consistency between environmental objectives and overall strategic direction and context of the organisation

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7. Policy commitments (5.2)

– Broadened from prevention of pollution to "protection of the environment"

– Must also include commitments specific to the organisation's context, may include:

      i.   sustainable resource use

      ii.   climate change mitigation and adaptation

      iii. protection of biodiversity and ecosystems

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8. Risks associated with threats and opportunities (6.1)

i. Identifying environment aspects taking a life-cycle perspective and evaluating significance

ii. Identifying compliance obligations and determining how they apply to the organisation

iii. Determine risks associated with T&O that need to be addressed:

- Including prevent, or reduce, undesired effects, including the potential for external environmental conditions to affect the organisation

iv. Plan action to address:

- Risks associated with threats and opportunities, significant environmental aspects, compliance obligations

Proposed Changes: Key Issues

9. **Communication (7.4)**

    - Enhanced requirements relating to planning communication
    - "ensure that environmental information communicated is consistent with information generated within the EMS, and is **reliable"**

10. **Operational Planning & Control (8.1)**

    - Consistent with a life-cycle perspective, develop & specify requirements for procurement of goods and services as appropriate
    - Establish controls to ensure that environmental requirements considered in design and change processes
    - Communicate requirements (suppliers/contractors, use & end-of-life)

Proposed Changes: Key Issues

11. Compliance evaluation (9.1.2)
    - Determine frequency of compliance evaluation
    - Requirement to maintain knowledge and understanding of compliance status

12. Continual improvement (10)
    - Focus on environmental performance

Annex
- Guidance on how to interpret requirements (<u>not</u> guidance on implementation – ISO 14004)

Timetable

Meeting	Outcome	Dates of next step
1. Berlin, Feb 2012 2. Bangkok, June 2012 3. Rochester, October 2012	Working Draft 1 Working Draft 2 Working Draft 3	Feb/March 2012 July/August 2012 Oct/Nov 2012
4. Gothenburg, Feb 2013 5. Botswana, June 2013	Committee Draft 1 Comment resolution	March 2013 June 2013
6. Bogota, October 2013	**Committee Draft 2**	**Nov/Dec 2013**
7. Padua, Feb 2014	Committee Draft 2.1	March 2014
8. ISO/TC207 Plenary, May 2014 Panama City	Draft International Standard	Close of DIS November 2014
9. Tokyo, Feb 2015 London April 2015	Final Draft International Standard	June 2015
10. International Standard	Publication	Q3 2015

Period of Transition for Accredited Certification

Competence and Awareness

Competence and awareness clauses are similar to ISO 14001:2004, but:

- New requirements on top-management and leadership
- External environmental conditions impacting on the organisation
- Taking a life-cycle perspective
- Integrating into core business processes

- Implications therefore on organisational capability to implement and maintain new requirements:
- Leaders, those implementing the new requirements, internal and external auditors

Potential Implications

1. Integration of environmental management into core organisational processes and strategic decision making
2. Life-cycle perspective and value-chain
   – Striking a balance on material environmental issues – control vs influence....how far do you go?
3. Understanding the link between organisational risks & environmental risks (and opportunities)
4. Knowledge and understanding of compliance status
5. Longer-term challenge (2020s) vs short-term internal resource constraints
6. Ease of use – SMEs, developing countries

- How can you overcome any potential challenges?
- What connections you could make? How can people in the room help?
- Who do you need to challenge internally?

Martin Baxter
Executive Director – Policy & Engagement
Institute of Environmental Management &
Assessment
m.baxter@iema.net
www.iema.net