

Auditing Association of Canada
L'Association canadienne de vérification



ISO 14001:2004

Summary of Proposed Revisions

Auditing Association of Canada Conference
April 8-10, 2014

ISO 14001 Revision – High Points

- ISO 14001 is in the process of being revised. The revised standard is expected to be published in 2015.
- Significant changes are expected – more substantial changes than the 2004 revision.
- Standard structure to other ISO standards including common terms and core definitions
- ISO 14004 is being revised and will provide guidance on implementation

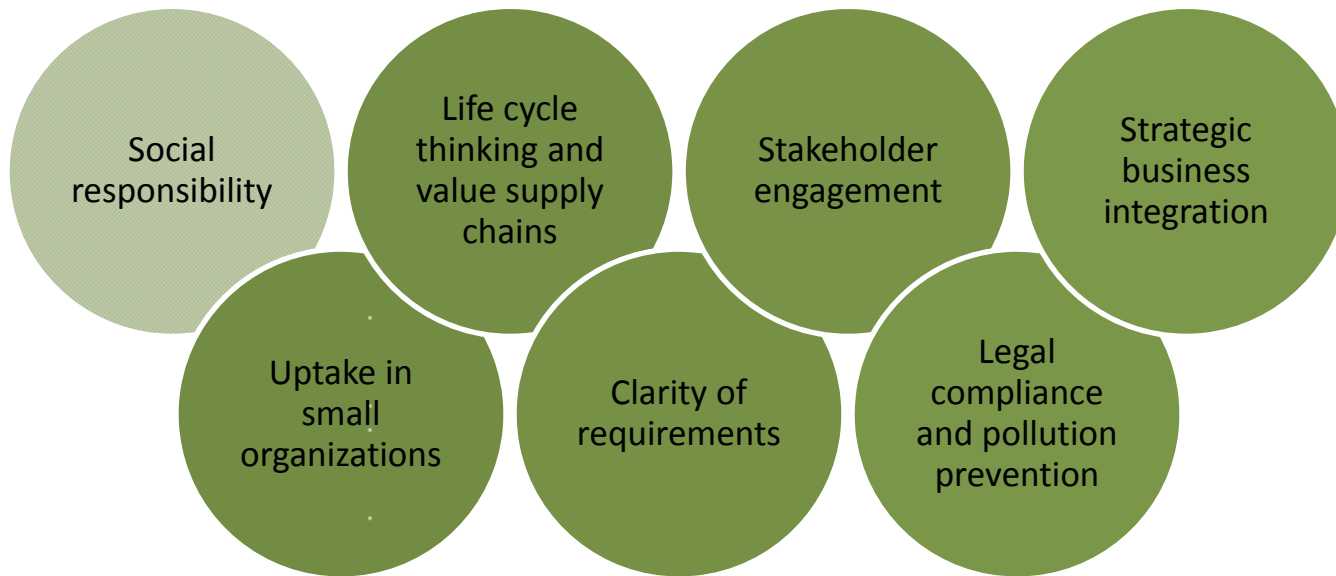
Two proposed streams of changes



- The ISO Technical Management Board (TMB) Joint technical Coordination Group (JTCCG) has developed a High Level Structure for Management System Standards¹. The revision of ISO 14001 is proposed to adhere to this format.
- The Future Challenges Study Group tabled 25 recommendations for consideration in the new revision of ISO 14001.

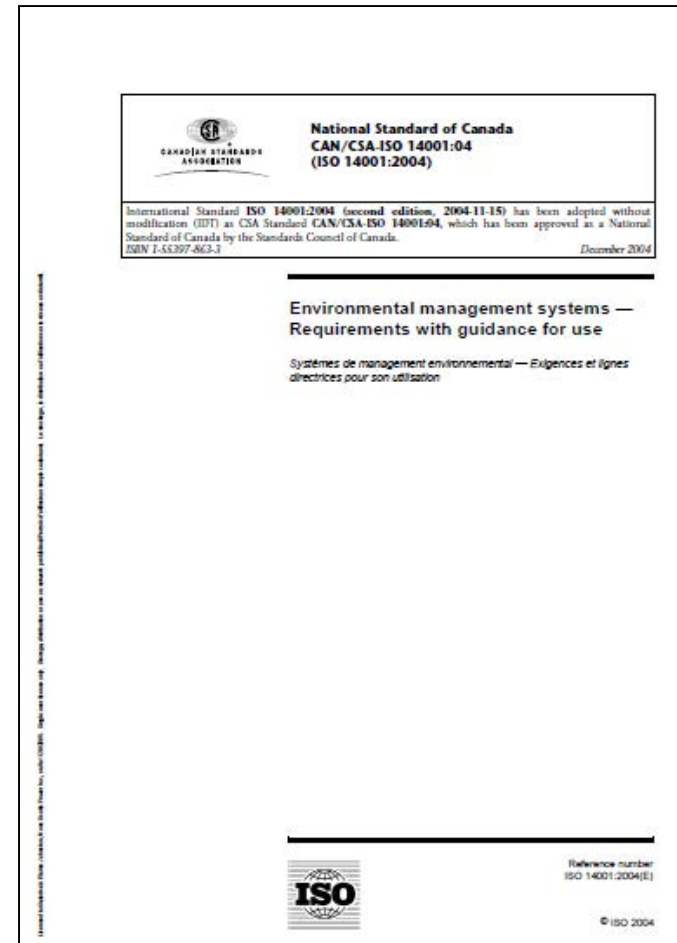
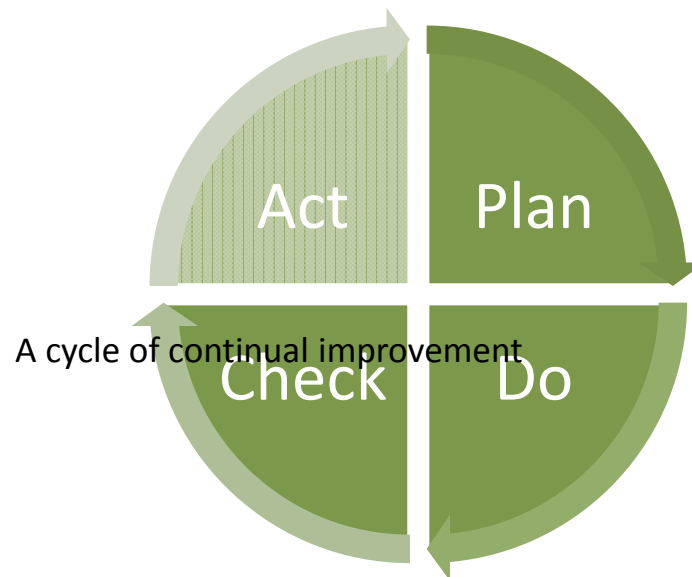
¹ (p. 131)

Proposed areas of change



Main clauses in ISO 14001:2004

- 4.1 General Requirements
- 4.2 Environmental Policy
- 4.3 Planning
- 4.4 Implementation and operation
- 4.5 Checking
- 4.6 Management Review



High Level Structure (HLS) for Management System Standards

- 1.0 Scope
- 2.0 Normative reference
- 3.0 Terms and definitions
- 4.0 Context of the organization
- 5.0 Leadership
- 6.0 Planning
- 7.0 Support
- 8.0 Operation
- 9.0 Performance evaluation
- 10.0 Improvement

Changes, clause-by-clause

- **Clause 1 – Scope:** The proposed scope provides greater details than the current scope.
- **Clause 2 – Normative References:** No change
- **Clause 3 – Terms and Definitions:** Increase from 20 to 36 definitions
- **Clause 4 – Context of organization:** Understanding of external and internal issues, needs and expectations of external parties, defining the scope of the organization, establishing an environmental management system

Changes, clause-by-clause

- **Clause 5 – Leadership:** Tries to encourage greater buy-in from top management. Expands commitments in the environmental policy.
- **Clause 6 – Planning:** Includes environmental aspects (value chain and life-life cycle perspective being considered in proposed changes); compliance obligations, determination of organizational risks and opportunities; development of environmental objectives.



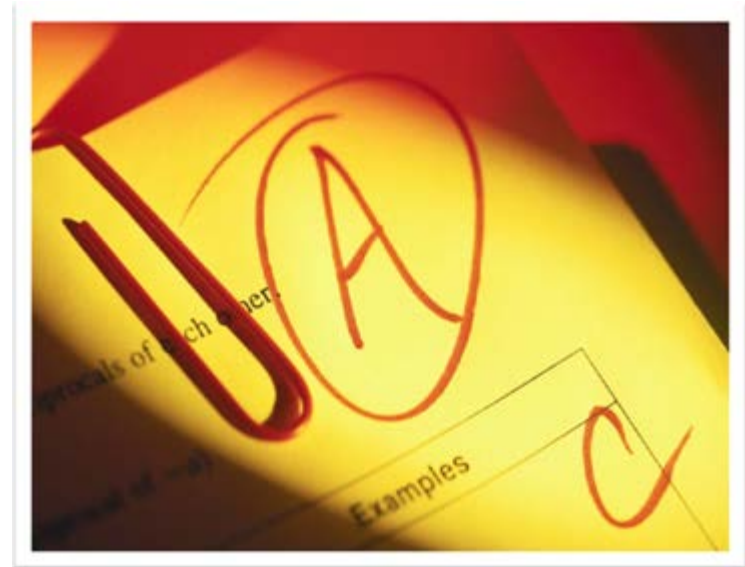
Changes, clause-by-clause



- **Clause 7** – Support: Includes Resources, Competence, Awareness of employees; Internal and External communication; documentation and control of records.
- **Clause 8** – Operation: Specific clause to make certain that outsourced processes meet EMS requirements. Contains a new sub-clause on value-chain control. Emergency preparedness and response is included with clarity on actions to be taken.

Changes, clause-by-clause

- **Clause 9 – Performance Evaluation:** It includes Monitoring and Measurement requirements, Evaluation of Compliance, Internal Audit and Management Review.
- **Clause 10 – Improvement:** It includes Nonconformity and Corrective Action and Continual Improvement.



Summary of Major Changes to ISO 14001

- 1. Expecting top management to have a greater understanding the organization's environmental issues, to support the EMS and to champion for improved performance
- 2. Determining the “context of the organization”



Summary of Major Changes to ISO 14001

- 3. Identifying organizational risks and opportunities
 - Organizational risks and opportunities are related to potential impacts to the organization caused by environmentally related issues
- 4. Adding requirements related to sustainable development, social responsibility, and life cycle perspective
- 5. Extending environmental influence into the value chain, with implications for procurement

PROS and *CONS* of the revision

PROS?

- Revision long overdue
- Identical HLS across all management standards – includes some identical definitions and identical text
- More prescriptive for new users

CONS?

- Increased number of “shall” statements, more requirements? Too prescriptive?
- Costs associated with changing documentation and recertifying
- Engaging small businesses remains a challenge

The scope of the impact will vary, depending on how the current version has been interpreted and implemented

Feedback on the draft revision



- Current document on the table is CD2
- There will be a 90-minute webinar coming soon for an international audience on the revision
- Canadian ISO Contact:

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Questions?

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References

CRA Europe. Comparison between ISO 14001:2004 and ISO 14001:20xx. Retrieved from <http://www.cra.co.uk/wp-content/uploads/2013/09/Correspondence-between-ISO-14001-2004-and-ISO-201X1.pdf>

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