ISO 45001
Current status of development

July 2015

ISO/PC 283
Disclaimers

- Verbal statements made by the presenter may represent personal opinions and/or interpretations
- The presentation includes information related to the drafting process up to and including July 2015
International Organization for Standardization (ISO)

- ISO is based in Geneva,
  - with 165 member national standards bodies
  - 20,500 published standards
- All ISO standards are based on consensus
- ISO’s work involves all relevant stakeholders and includes experts from: industry and commerce, government, consumers, labour, academia, standards applications, NGO’s.
ISO’s Project Committee No. 283 (ISO/PC 283) is responsible for the development of ISO 45001.

ISO/PC 283’s membership currently includes:
- 59 participating countries,
- 15 observer countries,
- 16 liaison members.
This presentation

- It provides an overview of the current state of development of ISO 45001
  *Occupational health and safety management systems – Requirements with guidance for use*

- It is being developed by ISO/PC 283 for use by its members for communication purposes

- It will be updated as the development of ISO 45001 progresses
Key perspectives

This new standard is being developed to:

- Help organizations minimize the risk of harm to all those working under their control (defined as “workers” within the standard)
- Provide a platform for continual improvement in occupational health and safety performance
- Integrate OH&S within an organization’s overall business management system
The draft standard puts emphasis on:

- **Top management**:
  - being accountable for OH&S management
  - needing to demonstrate leadership.

- **Worker participation** in:
  - the identification of hazards and risks
  - the development and operation of the OH&S management system,
  and indicates these are essential for success.
Main focus

The draft standard puts emphasis on:

- The need to prevent ill-health (including mental ill-health), as well as injuries

- The need to recognize that the causes of ill-health and injuries can be through
  - immediate impacts (e.g. accidents or epidemics)
  - longer term impacts (such as repeated exposure to radiation or carcinogenic chemicals, or to a constantly stressful working environment)
High level structure

A new common format has been developed by ISO for use in all its management system standards, and is being used by ISO 45001. This is often referred to as “Annex SL”, and gives:

- a common top level clause structure (or sequence)
- standardized core text
- standardized core definitions

It is intended to enable organizations to achieve easier implementation and better integration of multiple management systems (e.g. quality, environmental, information security)

The high level structure and common text is public information and can be found in Annex SL of the ISO Supplement to the ISO/IEC Directives Part 1, see: www.iso.org/directives
Structure of ISO/CD 45001.2

1 Scope
2 Normative references
3 Terms and definitions
4 Context of the organization
   4.1 Understanding the organization and its context
   4.2 Understanding the needs and expectations workers and other interested parties
   4.3 Determining the scope of OH&S management system
   4.4 OH&S management system and its processes
5 Leadership, worker participation and consultation
   5.1 Leadership and commitment
   5.2 Policy
   5.3 Organizational roles, responsibilities and authorities
   5.4 Participation, consultation and representation
6 Planning
   6.1 Actions to address risks and opportunities
   6.2 OH&S objectives and planning to achieve them
Structure of ISO/CD 45001.2

7 Support
   7.1 Resources
   7.2 Competence
   7.3 Awareness
   7.4 Information and communication
   7.5 Documented information

8 Operation
   8.1 Operational planning and control
   8.2 Management of change
   8.3 Outsourcing
   8.4 Procurement
   8.5 Contractors
   8.6 Emergency preparedness and response
9 Performance evaluation

9.1 Monitoring, measurement, analysis and evaluation
9.2 Internal audit
9.3 Management review

10 Improvement

10.1 General
10.2 Incident, non-conformity and corrective action
10.3 Continual improvement
The numbers given in brackets refer to the clause numbers in this IS
Risk based thinking

- OH&S management traditionally uses a risk-based approach to evaluate and address the risk of harm.

- ISO’s (Annex SL) format for management system standards now requires organizations to also consider the risk that the OH&S management system itself may not be effective, and to look for opportunities for improvement.

- The requirements for “risks and opportunities” in clause 6.1 have been adapted in ISO 45001 for both OH&S hazards and for the OH&S management system itself.
Risk based thinking

- ISO/CD 45001.2 uses the terms:
  - “OH&S risk” and “OH&S opportunities” when it is referring specifically to the control of hazards
  - “risk” and “opportunities” when referring to the OH&S management system
ISO 45001 development process

- There are several distinct stages when developing an ISO standard; the key ones being:

  1. New Work Item Proposal
  2. Working Drafts (WDs)
  3. Committee Draft (CD)
  4. Draft International Standard (DIS)
  5. (Optional) Final Draft International Standard (FDIS)
  6. International Standard (IS)

Once a standard has been published it is reviewed at regular intervals afterwards to ensure it remains current.
## ISO 45001 development process

<table>
<thead>
<tr>
<th>Stage</th>
<th>Timeline</th>
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<tbody>
<tr>
<td><strong>New Work item proposal</strong></td>
<td>Agreed June 2013</td>
</tr>
<tr>
<td><strong>Working Draft</strong></td>
<td>Issued January 2014. Received c. 1300 comments suggesting improvements.</td>
</tr>
<tr>
<td><strong>Committee Draft</strong></td>
<td>Issued July 2014. Not approved. Received c. 2500 comments.</td>
</tr>
<tr>
<td><strong>2nd Committee Draft</strong></td>
<td>Issued March 2015. Approved June 2015.</td>
</tr>
<tr>
<td><strong>Draft International Standard</strong></td>
<td>January/ February 2016</td>
</tr>
<tr>
<td><strong>(Optional) Final Draft</strong></td>
<td>To be determined</td>
</tr>
<tr>
<td><strong>International Standard</strong></td>
<td>To be determined</td>
</tr>
<tr>
<td><strong>Publication</strong></td>
<td>To be determined</td>
</tr>
</tbody>
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ISO 45001 development process

- ISO/PC 283 initially agreed a 3 year development “timeframe” for ISO 45001

- This targeted publication of ISO 45001 for October 2016

- The approval of the second CD means that the PC is now working to prepare the Draft International Standard (DIS). If the PC is able to complete this activity at its meeting planned for September, then following editing and translation, the DIS may be available in late January / early February 2016.