The Journey to ISO 45001:2018

Integrating Safety into what Every Employee does Every Day!

ASSE serves as the TAG For ISO PC 283

World’s first International Standard dealing with health and safety at work

Occupational health and safety management systems — Requirements with guidance for use
Legacy H&S Approaches

Compliance-Based Safety Programs
ILO Guidelines
People and Behavior-Based Safety Programs
Health & Safety Software
VPP Compliance (OSHA)
Risk-Based Safety
OH&S Management Systems (OHSAS 18001 ANSI Z10)

Popular OH&S MSs

OHSAS 18001:2007 Revision of 1999 version; based on BS 8800
ANSI Z10:2012 Revision of 2005 version; compatible with ISO 9001 and ISO 14001
**OHSAS 18001:2007**

**OHSAS vs ISO**

**ISO 45001**
- Process based
- Dynamic in all clauses
- Considers opportunities & threats
- Includes views of all stakeholders
- Running a sound and sustainable organization

**OHSAS 18001**
- Procedure based
- Not dynamic
- Deals with hazards & threats only
- Only internal views
- Stand-Alone program
Z10-2012 (R2017) OHSMS Cycle

CONTINUAL IMPROVEMENT

3.0 Policy Management
Leadership & Employee Participation

4.0 Planning

5.0 Implementation and Operation

6.0 Checking and Corrective Action

7.0 Management Review

REDUCE:
- hazards
- risks
- incidents
- comp costs
- lost time

IMPROVE:
- employee H&S productivity
- satisfaction
- image

ANSI Z10 with Risk

ANSI/ASSE/ISO Risk Management Standards Package (national adoption of ISO 31000, 31004, 31010 & Guide 73)

Select Quantity:

Your Price: $480.00
Member Price: $400.00
List Price: $448.00
Let’s Focus on ISO 45001:2018

Occupational health and safety management systems — Requirements with guidance for use

ISO 45001:2018

PDCA

Context
**Context of the Organization**

4.1 Understanding the organization and its context
4.2 Understanding the interests of internal and external stakeholders (workers and outside stakeholders)
4.3 Determining the scope of the OH&S management system
4.4 OH&S management system

---

**Opportunities & Threats**

4.1 Scan External Operating Environment – PESTLE
4.1 Scan Internal Operating Environment – TECOP
Influences – Factors – Opportunities and Threats
Risk = “Effects of Uncertainty”

*ISO 45001 is a risk-based approach to ensure that it is effective and that it is being continually improved to meet the organization’s ever-changing “context”*
Management of Opportunities & Threats

4.1 Scan Internal and External Operating Environment

6.1.1 (Risks and Opportunities) = “potential adverse effects (threats) and potential beneficial effects (opportunities)” [Definition in ISO 14001:2015]

6.1.2.2 Implement a process to determine and assess threats from Context 4.1

6.1.2.3 Implement a process to determine and assess opportunities from Context 4.1

6.1.4 Plan actions to address these opportunities and threats

ISO/TR 31004:2013 Annex E “Integrating risk management within a management system” [Also used with ANSI Z10-2012 (R2017)]

Stakeholders

External Stakeholders – the “Faces” on each of the opportunities and threats found with the PESTLE tool

Internal Stakeholders – Workers – the “Faces” on each of the opportunities and threats found with the TECOP tool

Interested Party is ‘preferred” term for ISO 45001:2018 – however not consistent with risk standard

Stakeholders MUST be involved in risk management
Leadership and Worker Participation

5.1 Leadership and Commitment
5.2 OH&S Policy
5.3 Organizational Roles, Responsibilities and Authorities
5.4 Consultation and Participation of Workers

Leadership and Commitment

“Top management shall demonstrate leadership and commitment with respect to the OH&S management system by taking overall responsibility and accountability for the prevention of work-related injury and ill health, as well as the provision of safe and healthy workplaces and activities.” (Clause 5.1)

[12 Additional Requirements for Leaders]
Planning

6.1.2.1 Hazard Identification (Consultation of Workers)
6.1.2.2 Assessment of Risks
6.1.2.3 Assessment of Opportunities
6.1.3 Determine Legal and Other Requirements
6.2.1 OH&S Objectives (Increased Focus)
6.2.2 Planning to Achieve OH&S Objectives

Support

7.1 Resources
7.2 Competence (ISO/IEC TS 17021-10)
7.3 Awareness (Not Training)
7.4 Communication (Enhanced Objectives-Effectiveness)
7.5 Documented Information (More Flexible)
Operation

8.1.1 Operational planning and control
8.1.2 Eliminating hazards – Embracing opportunities
8.1.3 Management of change
8.1.4 Procurement – Contractors & Outsourcing
8.1.5 Emergency preparedness and response

Performance

9.1 Monitoring, measurement, analysis, and performance evaluation
9.1.2 Evaluation of compliance
9.2 Internal audit
9.3 Management review

http://tiny.cc/y23fhy
Improvement

10.2 Incident and corrective action
10.2 Nonconformity and corrective action
10.3 Continual improvement

Promoting the participation of workers in implementing actions for the continual improvement of the OH&S
Communicating the relative results of continual improvement to workers

Continual Improvement

Consistent with the organization’s OH&S policy, the intended outcomes of an OH&S management system include:

• Continual improvement of OH&S performance
• Promoting a culture that supports OH&S MS
• Fulfilment of legal and other requirements
• Achievement of OH&S objectives
Demonstrate Conformity

1. Making a self-determination and self-declaration
2. Second party determination – Customers
3. Seeking confirmation of self-declaration by external party
4. Seeking certification/registration of its OH&S management system by an external organization

ISO View on Certification

“We predict that most organizations will use ISO 45001 to establish an effective OH&S management system. Just a few organizations will want to seek certification

https://www.iso.org/news/ref2271.html

TS 17021-10 – required skills and knowledge of certification bodies auditing this standard