OHS Management Systems

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“ISO Project Committee (PC) 283 for the proposed ISO 45001 standard is one of the most significant consensus standards-development activities of the last 50 years, and it has the potential to improve occupational health and safety management on a global level.”

S. Joe Bhatia
ANSI CEO
Can an OHSMS really move the needle?

The Management Practice Specialty (MPS) focuses on management, supervisory, safety program oversight, culture, leadership issues and much more.

**Draft ISO 45001 introductory statement**

“improve … occupational Health and safety performance by developing and supporting a occupational health and safety culture in the organization”
So what exactly is a management system?

A management system explained:

- An overall management system is the sum of the management subsystems (processes) .. as well as their interrelationships
- Each company possesses an overall management system

Management system: set of interrelated or interacting elements of an organization to establish policies and objectives and processes to achieve those objectives

Annex SL
The growth and popularity of the OHSMS

- OHSAS " Standards and Certificates Survey"
  - a rapid rise in the rate of use of OHSMS in past 10 years
  - OHSMS standards are now being used in 127 countries
  - Over 100,000 certificates issued

- The journey of the ISO standard has been expected
ANSI/ASSE Z10-2012 (R2017)
Standard for Occupational Health & Safety Management Systems

Presented to the ASSE Management Practice Specialty: March 22, 2017
Tim Fisher, Secretariat Staff, ANSI/ASSE Z10 Committee
Several Slides Taken from the Howe/Seabrook 11/2012 Z10 Presentation
The Focus

ASSE Approach to Standards – Management Systems

From former ASSE Standards Development Committee Chair Gary Lopez:

“If we are not sure which path to take, then we must take the bold one. ASSE is trying to move OSH forward with standards and management systems. We are not here to maintain the status-quo”
Background

ASSE – Its Role in Standards

▪ ASSE manages the process: Committees follow their procedures and the “ANSI Essential Requirements Document”

▪ Committee representatives many times are not ASSE members or OSH Professionals

▪ ASSE works to show the procedures are met and consensus is reached
Possibly the most important U.S. consensus standard that has the greatest potential to affect workplace health and safety

Why...????
Background

- The standard was approved for reaffirmation by ANSI February 2nd of this year

- What does reaffirmation mean?

- When will the standard be available?

- How is the standard used and recognized?
Continual Improvement

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

- Continuous Improvement:
  - 3.0 Policy Management
  - Leadership & Employee Participation

- Act:
  - 7.0 Management Review

- Plan:
  - 4.0 Planning

- Check:
  - 6.0 Checking & Corrective Action

- Do:
  - 5.0 Implementation & Operation

- Reduce:
  - hazards
  - risks
  - incidents
  - comp costs
  - lost time
Strategic Business Risk = OSH Risk

- Corporate Governance Risk
- Worker Safety & Health Risk
- Reputational Risk
- Financial Risk
- Operational Risk
- Customer Loyalty
- Market Share
- Govt Regs
- Environmental
- Investors
The newly reaffirmed standard will be available probably during April of 2017

The Z10.1 revision is already taking place. The first meeting has been held and the draft is being prepared

The goal is to have the standard out and published sometime in Calendar Year 2017. This is very aggressive in the world of standards development

There is a need to synergize with the proposed ISO 45001 Standard – Vic will speak to this.
For Construction Pros

American National Standard

ANSI/ASSE A10.33 – 2011 (R2016)
Safety and Health Program Requirements for Multi-Employer Projects

American National Standard for Construction and Demolition Operations
For Construction Pros

American National Standard

Construction Safety and Health Audit Program

American National Standard for Construction and Demolition Operations

American Society of Safety Engineers
For Construction Pros

A10.33, A10.38, and A10.39 – Key Issues

- How do the standards assign responsibilities to owners, project constructors, and contractors?
- What key actions do the standards describe?
- What is the Project Safety and Health Plan and how does it function?
- What is the Construction Process Plan and how does it function?
- Importance of the auditing function
And Now For Something Totally Different – Vic Toy on 45001

Vic will now come on and speak to the overall issues taking place with the proposed ISO 45001 Standard for Occupational Health and Management Systems

So, Vic is on and we will take questions and comments at the end
Need for an ISO OHSMS standard?
Core requirements between major OHSMS are generally there.

ISO 45001 DIS
1. Scope
2. Normative References (n/a)
3. Terms and Definitions
4. Context of the Org new
5. Leadership & Worker Part..
6. Planning
7. Support
8. Operation
9. Performance Evaluation
10. Improvement
Annex

ANSI/AIHA/ASSE Z10 (2012/2017)
Management Ldrs & Emp Participation
Planning
Implementation and Operation
Evaluation and Corrective Action
Management Review

OHSAS 18001 (2007) *
OHS Policy
Planning
Implementation & Operation
Checking
Management Review

* Used as the basis for the “working draft”
The PDCA Basis of Management Systems

A systems approach based on the concept of PDCA and the involvement from all levels and functions of the organization, and especially top mgmt

**Plan:** objectives, programs & processes aligned with the OHS policy

**Do:** process implementation as planned.

**Check:** monitor and measure activities

**Act:** take actions to achieve the intended outcomes.

It’s also about harmonization with business systems
First, take all things in “Context”

Consideration of issues that can impact OHS Performance

- Policies, strategies, organizational capabilities, resources, Services, Standards, guidelines, products, organization's culture
- legal regulatory
- financial, economic
- technological
- cultural, social, political
- environmental characteristics
Engaging Everyone in the Organization

Leadership & Worker Participation

• Top management accountability & involvement (culture, integration, resources, improvement, etc)
• Policy → OHS Performance, compliance, improvements
• Emphasis on a team / system’s approach (roles)
  • Participation & consultation of “Workers” (and where they exist, their representatives) whose activities are under the control of the org,
Actions for establishing control and management of risks

**Planning**
- Traditional Hazards & Risks
- Management system considerations & other “risks”
- Plans for “these” (all) risks
- Determining OH&S and other “opportunities”
- Determine objectives/plans
- Commitment towards compliance & other rqmts
- Integration with business strategies and processes
Ensuring you have the Infrastructure

Support

• Equip the system to perform (with people, time and materials)
• Knowledge and skills are key elements
• Awareness of contributions and non conforming

• Ensuring flow of information both ways, inside and out
• Documented information as process and past data
Do what you plan for managing the risks

Operations

• Do what you planned (in Planning)
• Manage hazards and risks via hierarchy of controls
• Control over processes with performance criteria
• Management of change(s)
• Outsource/procurement controls
• Risks to/from contractor activities
• Address emergency situations
Do what you plan for managing the risks

Performance Evaluation
• Monitoring & measurement determinations
• Evaluation of OH&S & OHSMS performance
• Audit to ISO 45001 & the Org’s legal and other rqmts

• Top Mgmt Review (including actions, audit results, risks & opportunities) with outputs
Do what you plan for managing the risks

**Improvement**

• Manage incidents & non conformity (root causes)
• Evaluate corrective actions
• Changes to the OHSMS
• Continual improvement on suitability, adequacy and effectiveness of the OHSMS
• **Promotion of a positive OH&S culture**
Upcoming ASSE Educational Offerings


Safety 2017 Professional Development Conference & Exposition

- Preconference Seminar: The ISO 45001 Certificate Program Classroom Seminar
- Session #520 ISO/ANSI/ASSE 45001 Forum - Significant and Future Impact on Safety, June 18th – 22nd
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