

# ASSE TECH BRIEF



U.S. TAG and AIG leaders at the TAG's September 2014 meeting. From left: Jan Andrew Young, Todd Hohn, Kathy Seabrook, David Bassi, Thea Dunmire, Tom Ferguson and Vic Toy.

## The Rise of ISO 45001: A New Global OHS Management Systems Standard



During its September 2014 meeting, the U.S. TAG broke into working groups to review specific portions of the proof of concept draft. Working group 1 (top) was led by Kathy Seabrook, Jim Howe and Amy Timmerman, while Vic Toy and Susan Ripple led working group 2 (bottom).

It has been more than 2 decades since the idea for an ISO standard on an occupational health and safety management systems (OHSMS) first surfaced. Now, after three failed attempts, the international community, including the U.S., is working to develop what many consider to be the most significant safety and health standard in the past 50 years, ISO 45001. The question is less about whether a standard will be adopted, but more about what it will do and how will it affect not only occupational health and safety (OHS) but also professional OHS practice. More than 60 countries, many of which have their own OHSMS standards, are closely watching and participating in the development of this global standard,.

This standard will provide a framework from which OHS objectives can be effectively managed. For example, it can serve the needs of those who manage, use or benefit from global supply chains. Just as ISO 9000 and ISO 14000 have provided consensus solutions to questions of quality management and environmental protection in the global marketplace, ISO 45001 will help drive global solutions for improving worker safety in global supply chains. This opportunity to address worker safety issues in global supply chains has motivated many representatives from government, business and society to work together to develop this standard.

## Current Status: More Work Needed

In September 2014, the U.S. Technical Advisory Group (TAG) to ISO PC-283 confirmed U.S. support of the project and the standard's continued development. However, the group did not want to the current draft to move to a finalization stage since its members determined that additional work is needed. View the U.S. TAG's comments on the draft standard [here](#).

The final ballot results showed 29 approvals, 17 disapprovals and 1 abstention. ISO/IEC Directive Part 1, 2.5.6 advises that "approval by a two-thirds majority of the P-members of the technical committee or subcommittee voting may be deemed to be sufficient for the commit-

tee draft to be accepted for registration as an enquiry draft." Since this level of majority was not reached, the concept draft did not move to the draft international standard stage. Instead, PC 283 will now review the comments submitted, make changes based on the committee's consensus and prepare a revised draft.

It is important to note that this is *not* a rejection of the standard since the participating countries have already voted in favor of having the standard. This vote was to decide if the current draft would move forward. Once the committee prepares a revised draft, the document will be balloted again to the participating countries.

Market pressures and public demand following workplace disasters such as the Bangladesh fires and the Gulf oil spill have boosted interest in global adoption of ISO 45001. The standard could replace OHSAS 18001. ANSI/ASSE Z10 will be revised in 2015 and will integrate with ISO 45001.

ISO 45001 will be the framework by which all other requirements and voluntary standards are covered and implemented. ANSI and ASSE have worked diligently over the past 3 years with the U.S. TAG membership to develop the standard. The U.S. TAG is made up of leaders from Fortune 500 companies, as well as representatives from governmental, trade, and

labor organizations and associations who have an interest in improving occupational health and safety globally.

Nearly 100 participants gathered at AIG offices in New York, NY, in September 2014 to finalize the TAG's comments on the draft standard. Task groups were formed to address nearly 1,000 comments and develop the final U.S. comments for submittal to ANSI and ISO. The U.S. comments, along with those of other participating nations and liaison groups, will be dispositioned during global meetings in 2015. The goal is to publish the standard sometime near the end of 2016.

Video clips (links below) featuring two of the TAG's



Todd Hohn and Ken Clayman led working group 3 (top) and Jim Bytnar and Robert Hicke led working group 4 (bottom).

leaders provide insight into the standards writing and commenting process that the group used to formulate the American position.

- **TAG Chair Vic Toy**
- **TAG Vice-Chair Kathy Seabrook**

# Developing ISO 45001 By the Numbers

**53 countries** are participating on ISO  
PC-283 Committee

**16 countries** are observing ISO PC-  
283 Committee

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**Proposed content only;  
not yet formally reviewed and voted upon**

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## U.S. TAG to ISO PC 283 Leadership Team

Vic Toy, CSP, CIH  
*Chair*

Kathy Seabrook, CSP, CFIOSH, EurOSHM  
*Vice-Chair*

Thea Dunmire, CIH  
*Subject-Matter Representative/Expert*

Todd Hohn, CSP  
*Subject-Matter Representative/Expert*

James Howe, CSP  
*U.S. TAG Membership Subgroup Chair*

## ISO 45001: Scope

This international standard specifies requirements for an occupational health and safety (OHS) management system, with guidance for its use, to enable an organization to control its OHS risks and improve its OHS performance. It does not state specific OHS performance criteria, nor does it give detailed specifications for the design of a management system.

The standard is applicable to any organization that wishes to:

- establish an OHS management system to eliminate or minimize risks to personnel and other interested parties who could be exposed to OHS hazards associated with its activities;
- implement, maintain and continually improve an OHS management system;
- assure itself of its conformity with its stated OHS policy;
- demonstrate conformity with the requirements of this international standard.

## Thanks, AIG!

The U.S. TAG and ASSE appreciate the meeting support and technical expertise provided by AIG. Click [here](#) to read our letter of appreciation.

The AIG team helped make the U.S. TAG meeting a success. From left: Tom Ferguson, David Bassi, Randall Foster and Jan Andrew Young, who represents AIG on the TAG.



## ASSE & Standards

**ASSE** is secretariat of several national consensus standards committees and its members serve on many other safety standards committees. ASSE's **Standards Development Committee** oversees the Society's standards activities, which are conducted within the framework established by the **ANSI** for the development of consensus standards. Click the links below to learn more.

- **ANSI Essential Requirements**
- **Official Memorandum of Understanding Between OSHA & ANSI**
- **Office of Management & Budget Circular OMB-A119**
- **Position Statement on Consensus Standards**
- **Safeguarding: Are ANSI Standards Really Voluntary?**
- **What's the Difference Between an OSHA Rule and an ANSI Standard?**

National consensus standards reflect the insights of the final end users and the opinions of professionals who work at all levels of public and private sectors. This balanced perspective enables standards to be crafted in a manner that benefits and protects standard users.

## AIG Supports U.S. TAG & Proposed ISO 45001 Standard

**A**IG hosted the September 2014 U.S. TAG meeting at its New York offices. AIG senior leadership delivered an extensive presentation about the company's support of the standard and how the standard will affect both American and global business interests.

According to David Bassi, AIG's global head of innovation and risk consulting, "As a global property casualty insurer, AIG has a leadership role to play in promoting safe working environments through the expertise we provide. The basic mission of ISO 45001 is fully aligned with AIG's mission, and we are pleased to support this effort." His comments offered attendees a unique business perspective on the standard. Click the links below to view video clips from Bassi's presentation.



AIG's David Bassi describes the potential benefits of an ISO standard on occupational health and safety management systems.

**Why does AIG as a global business leader support this standard?**

**How will the standard impact U.S. business and organizations?**

**How can we use data to move the standard and occupational health and safety forward?**

The U.S. TAG also received significant sponsorship from Underwriters Laboratories. UL has been an active sponsor of the standard and the TAG, and has provided extensive support and assistance in the development of this standard. UL's Todd Hohn explains, "UL is a global organization and we have seen first hand



Todd Hohn

the impact that ISO standards have on a global level. These standards are well known and respected. We only need to look at the impact of the ISO environmental and quality standards to see the possible impact on business and industry. This is a critical standard and I encourage OHS professionals to review the document when available to see the impact it can have on your organization.

## Organization Members: U.S. TAG to ISO PC 283\*

AIG Casualty Risk Consulting  
AIHA Guideline Foundation  
Altria Client Services Inc.  
American Board of Industrial Hygiene  
American Chemistry Council  
ASSE  
Amway Corp.  
ARCADIS  
Ashland Inc.  
BNSF Railway  
The Boeing Company  
Booz Allen Hamilton  
Brazosport College  
Bureau Veritas North America  
Capital Safety  
Cargill Meat Solutions  
Center for Safety & Health Sustainability  
Clarion Safety Systems LLC  
Compliance Management International  
Cummins  
Deep Down Inc.  
Dotson Group LLC  
Eastern Kentucky University  
Environmental Compliance Systems Inc.  
Erachem Comilog Inc.  
ESIS Health, Safety & Environmental  
Fisher & Phillips LLP  
Flexible Packaging Association  
Fluor Corporation  
G4S Technology LLC  
General Electric Company  
Georgia Tech Environmental  
Sustainability Services  
Google Inc.  
The Green Counselor  
Honda North America Services  
Icarus Environmental Inc.  
Institute for Safety & Health  
Management  
International Safety Equipment  
Association  
IUE-CWA  
Kerry Ingredients & Flavours Inc.  
Keystone Engineering Inc.  
Konecranes Inc.  
Lewellyn Technology  
Lockheed Martin Corporation  
Master Lock Company  
Momentive Specialty Chemicals Inc.

National Committee on Occupational  
Safety & Health Network  
National Consumers League  
National Institute for Occupational Safety  
& Health  
National Institute of Standards &  
Technology  
National Institutes of Health  
National Retail Federation  
National Roofing Contractors  
Association  
National Safety Council  
North Carolina Department of  
Transportation  
Nucor Corporation  
Oberon Company  
OSHA  
Omnex Engineering & Management  
ORCHSE Strategies LLC  
Parsons Corporation  
Penske Logistics  
Pfizer Inc.  
Risk Management & Insurance Society  
ROC One LLC  
Safety Compliance Management Inc.  
Safety-Wise LLC  
Sage Products  
Siemens North American Healthcare  
SPAN International Training LLC  
SRI Quality System Registrar  
The Aluminum Association  
Toyota Motor Engineering &  
Manufacturing North America Inc.  
TransReg LLC  
TUV SUD America Inc.  
Tyson Foods EHS Services  
Underwriters Laboratories Inc.

More than 90 organizations are represented on the U.S. TAG to ISO PC 283, which has 53 participating countries and 16 observing countries. View a list of countries participating on ISO PC 238 [here](#). Read more about the committee [here](#).

United Auto Workers, International Union  
United Food & Commercial Workers  
International Union  
U.S. TAG ISO TC262  
United Steelworkers International Union  
University of Alabama  
University of California  
University of Utah  
University of Wisconsin, Stout  
Walmart Stores Inc.  
Walt Disney Parks & Resorts  
Weir  
Willis Group  
Z10 Accredited Standards Committee  
Z590.3 Accredited Standards Committee  
Zurich Services Corporation



Jim Howe  
Membership  
Subgroup Chair

“We continue to recruit active and dedicated organizations to sit on the TAG and help us with the drafting of this standard. The world is moving forward on this standard and it will have significant global impact on the OSH profession in the near future. This is your chance to actively participate and be a part of what is truly a unique experience. If your organization is interested in joining the U.S. TAG for ISO PC 283, please contact ASSE’s **Tim Fisher** to request an application and background materials.”

\*List as of 11/2014

## Z10 Resources

- Tech Brief
- Let Your OHS Management System Do the Work (by Vic Toy, February 2012, *The Synergist*)
- Jim Howe Interview (July 2013)
- Case Study: Calpine Corporation  
(Click on any of the hyperlinks to access the resource)



## The Role of ANSI/ASSE Z10-2012

**ANSI/ASSE Z10-2012**, American National Standard for Occupational Health and Safety Management Systems, defines minimum requirements for an occupational health and safety management system. The standard provides a management tool to reduce the risk of occupational injuries, illnesses and fatalities. The U.S. TAG has identified ANSI/ASSE Z10-2012 as a critical resource to be considered and referenced in the proposed ISO 45001 standard. ASSE and its representatives continue to advocate for the inclusion of more Z10 language in the proposed ISO 45001 standard.

## Bangladesh in 2013 & New York City in 1911: “Not All That Different”

In an article featured in the October 2014 issue of ASSE’s *Professional Safety*, ANSI’s Scott Cooper provides expert insight into global trends and presents compelling evidence of the need for a standard like ISO 45001. In relating current concerns about safety in the global supply chain to events in the U.S. following the Triangle Shirtwaist fire in 1911, Cooper states, “Bangladesh in 2013 and New York City in 1911 are not all that different.”

ASSE continues to play a leading role in shaping the U.S. input to ANSI and ISO on this standard. Tim Healey, chair of ASSE’s Standards Development Committee, notes, “ASSE membership and Society leadership have long seen the wisdom in being active in the development and implementa-

tion of safety standards. With our cumulative knowledge, experience and expertise, safety professionals can provide a beneficial perspective that no one else can in drafting meaningful standards to protect people, property and the environment.

“Our world, our economies, our profession and our Society continue to be increasingly global. With ISO 45001 drafting work well underway, it is most satisfying to see ASSE in a leadership role representing the U.S. The need for improved safety management is clear, and this is our opportunity to place our hands on the tiller and guide this ship on a course that our profession can proudly and rightfully take to a successful voyage. We need to continue to be a focal point of informed

excellence to ensure that the final, published standard will accomplish the intended goals.

“Seeing influential professionals such as Kathy Seabrook, Vic Toy and Gary Lopez giving their time and effort to support this standard, it is abundantly clear that we all have a stake in this work and that we all have something to offer to help make it right. ISO 45001 will influence our profession significantly and for a long period of time.

“ASSE’s leadership in this effort is vital to our members, our industries and the workers we all seek to protect from hazards on the job. This standard will have a major influence on our profession and given many recent tragedies it is needed.”