

# ORCHSE Global Update

Dee Woodhull, CIH, CSP

Environment Health and Safety International  
Communications Conference

Raleigh, NC

September 11, 2014

# ORCHSE Is:

- \* **The world's premier global family of safety, health, and environmental networks for industry leaders**
  - A unique community for sharing and developing innovative and effective strategies and practices for members to achieve and maintain superior safety, health and environmental performance
  - The most respected and influential business voice in the development of OSH policies, regulations and programs in the U.S.
  - Known as an honest broker and source for responsible industry positions
  - A recognized thought leader, having spearheaded industry efforts to address key issues
  - Having a growing impact on the development of global OSH and environmental policies

# We Offer:

- \* Best practices: ORCHSE services allow member companies to leverage their limited HSE resources to achieve improved performance. For some, ORCHSE membership value added is seen as exceeding that of additional staff.
- \* Benchmarking: ORCHSE offers unique and powerful HSE benchmarking opportunities with other industry leaders that are unparalleled in the profession.
- \* Forums: for candid, confidential networking with peers and experts on OSH and Environmental challenges and opportunities.
- \* Regulatory, legal and policy developments: ORCHSE keeps member companies current on key regulatory developments and business issues via Quarterly Network Meetings, written newsletters and updates, and a members-only website.
- \* Global services: that focus on international OSH and Environmental issues that are critical to members in a competitive global business environment.
- \* Expert advice: ORCHSE expert consultants provide prompt and definitive responses to the critical needs of members, through telephone and e-mail consultation and an annual visit.
- \* ORCHSE provides valuable professional development opportunities for member company managers, including points for maintenance of professional certification.

# Key Developments

- ISO Occupational Health and Safety Management Systems Standard 45001
- ISO Environmental Management Systems Standard 14001
- Asia-Pacific
  - China—Hong Kong working hours consultation
  - Japan—Partial Revision of the Occupational Safety and Health Act
  - New Zealand—Health and Safety at Work Act
  - Taiwan—Occupational Safety and Health Act
  - Vietnam—New Environmental Protection Law
- EU
  - Health and Safety Framework for 2014-2020
  - Environmental Impact Assessment Directive
- Americas
  - Brazil—Prevention Safety and Health at Work
  - Canada—Radiofrequency Exposure Limits (SC6) Guideline
  - Canada—Amendments to the Canada Labour Code

# ISO 45001: Occupational Health and Safety Management Systems Standard

Goal: to harmonize health and safety management systems using an international standard.

- \* Will replace OHSAS 18001
- \* ANSI Z10 is principal reference document
- \* Will use same structure, definitions and core text as current revisions of ISO 14001 and ISO 9001 (Annex SL)
  - \* To allow users to implement and manage multiple standards more easily, with focus on management responsibilities, performance measurement and monitoring, and using the plan-do-check-act (PDCA) cycle.

# ISO Annex SL

- \* Standardizes MSS to facilitate the integration of multiple MSSs into an organization's management system.
- \* Any new or revised MSS is required to use Annex SL normative appendices 2 & 3
- \* Technical Committees can add discipline-specific requirements, but cannot delete any of the generic requirements without justification

# ISO Annex SL Appendices 2 and 3

“To enhance the consistency and alignment of ISO management system standards by providing a unifying and agreed high level structure, identical core text and common terms and core definitions.”

- \* Emphasis on alignment with business strategy
- \* Risk Management replaces Preventive Action
- \* Outsourced processes are ‘in scope’
- \* New terminology
  - Risks & opportunities
  - Documented information (replaces document, procedure, documentation and records)
  - Requirements - defined as ‘needs & expectations stated, generally implied or obligatory’ and referring to interested parties, not the organization
  - ‘Management representative’ term eliminated

# ISO 45001: Occupational Health and Safety Management Systems Standard

Significant differences from current ISO management system standards:

- \* Context of the organization
- \* Leadership
- \* Performance Evaluation
- \* Improvement

# ISO 45001: Occupational Health and Safety Management Systems Standard

- \* Committee draft published for three-month review
- \* Next committee meeting in December
- \* Draft international standard spring 2015
- \* Final draft summer 2016
- \* Final standard in fourth quarter 2016
- \* Visit: <http://drafts.bsigroup.com/Home/Details/53407> to make comments

# ISO Environmental Management Systems Standard 14001

## Goal:

“Incorporate new approaches in the field of Environmental Management, and meet stakeholder expectations that have evolved since 1996, so that ISO 14001 remains relevant over the next 20 years.”

- \* Build on Annex SL normative appendices 2 & 3
- \* Consider the ISO/TC207/SC1 study group on ‘Future Challenges of EMS’
- \* Maintain and improve basic principles and existing requirements

# Future Challenges

- \* Sustainable development
  - Expand policy commitments beyond pollution prevention
  - Effect of external environmental conditions
- \* Environmental performance improvement
- \* Demonstration of compliance status
- \* Strategic business management
  - Raise EMS prominence within the business strategy
  - Elevate importance of interested parties
- \* Value chain – lifecycle perspective of environmental aspects
- \* External communication

# Next Steps

- \* US TAG review of ISO 14001CD2
  - Voted to progress document to Draft International Standard stage
- \* Public Comment: June - Dec 2014
- \* Publication expected in June 2015
- \* Transition period TBD; likely 1.5 - 3 years
- \* Contact [standards@asq.org](mailto:standards@asq.org) to get involved

## China—Hong Kong

### \* Working hours consultation:

1. The objective of a working hours policy for Hong Kong;
2. How regulation of working hours may affect labor flexibility and Hong Kong's competitiveness;
3. Employers may reduce full-time jobs of longer working hours, resulting in an increase in part-time jobs and fragmentation of work;
4. The affordability of the business sector particularly the small and medium enterprises (SMEs) in complying with the statutory Standard Working Hours (SWH);
5. Whether working hours regulation should be imposed across-the-board, or should it be introduced to industries or occupations with particularly long working hours; and
6. Whether legislation is the best way forward.
7. Complete consultation by end 2014.

# Asia-Pacific

## Japan

- \* Partial Revision of the Occupational Safety and Health Act Promulgated:
  - Detect in advance and respond to chemical risks
  - Assess workers' health conditions and respond before they develop into mental health problems
  - Measures against passive smoking
  - Measures against companies who repeat serious industrial accidents

# Asia-Pacific

## New Zealand

- \* Health and Safety at Work Act introduced in March; expected to be passed by year end; will come into force in April 2015.
  - Aimed at reducing New Zealand's workplace injury and death toll by 25 per cent by 2020
- \* Proposals for New Health and Safety Regulations to support the Act requested in five key areas:
  - General risk and workplace management;
  - Worker participation, engagement and representation;
  - Work involving asbestos;
  - Work involving hazardous substances; and
  - Major hazard facilities

## Taiwan

- \* Occupational Safety and Health Act Entered into Force 7/3/14
  - Includes all industries and covers employed laborers, self-employed workers, and “other people engaged in work and directed or supervised by the responsible people in workplaces of all industries”
  - Employers must take necessary safety and health measures to prevent overwork, mental stress, and musculoskeletal-related disorders.
  - Workers may exercise their right to evacuate and withdraw to a safe location when they are in potential imminent danger.
  - The time limit for reporting major occupational accidents to a regional labor inspection institute has been shortened to 8 hours from 24 hours from the time the accident occurred.
  
- \* Second Phase in Force 1/1/2015
  - Machinery, equipment and tools certifications
  - Chemicals registration and classification
  - Maternal health protection
  - Process safety assessments for high-risk operations

## Vietnam

### New Environmental Protection Law Effective 1/1/15:

- \* Clarifies:
  - Responsibilities of the State management agency for environmental protection according to the principle of unified state management of environmental protection
  - Rights and obligations of political social organizations, non-governmental organizations and communities on environmental protection
- \* Specifies more financial resources for environmental protection expenditures and tasks from budget for environmental protection
- \* Adds new content on climate change and environmental protection
- \* Attaches natural resources and environmental protection to climate change
- \* Emphasizes green growth and encourages ecological industrial and urban development
- \* Encourages environmentally friendly production and consumption

# European Union

## Health and Safety Framework for 2014-2020

- \* Three major health and safety at work challenges:
  - Implementation of existing health and safety rules, particularly the difficulty micro and small enterprises face in putting in place effective and efficient risk prevention strategies
  - Prevention of work-related diseases created by new and emerging risks as well as existing risks
  - Aging of the EU workforce

# European Union

## Health and Safety Framework for 2014-2020

### \* Seven Strategic Objectives:

- Further consolidating national health and safety strategies
- Providing practical support to small and micro enterprises for compliance with health and safety rules
- Improving enforcement by Member States
- Simplifying existing legislation, eliminating unnecessary administrative burden
- Addressing the aging of the European workforce
- Improving statistical data collection
- Reinforcing coordination with international organizations

## EU Environmental Impact Assessment Directive Amendments Effective

- \* Provides increased environmental protection and reduces administrative challenges

### Primary changes:

- Member States must simplify their environmental assessment procedures
  - Timeframes for stages of environmental assessments
  - Simplified screening procedure to determine when an EIA is required
  - EIA reports must be clarified for the public with respect to the current state of the environment and alternatives to the proposed project
  - Improved quality and content of EIA reports
  - Clear and more transparent grounds for development consent decisions
  - Developers obliged to avoid, prevent, or reduce significant adverse environmental effects
- \* May 16, 2017 deadline for enforcement

# Americas

## Brazil

- \* Consultation on revisions to Regulatory Standard NR 01 – “Prevention Safety and Health at Work”
  - Comment period open until September 25, 2014.
  - Visit [http://portal.mte.gov.br/seg\\_sau/consultas-publicas.htm](http://portal.mte.gov.br/seg_sau/consultas-publicas.htm) for the document (in Portuguese).

# Americas

## Canada

### Changes to Radiofrequency Exposure Limits (SC6) Guideline

- \* Based on biological effects in 3kHz – 300 GHz spectrum
  - 3 kHz – 10 MHz: peripheral nerve stimulation and thermal effects
  - 3 kHz – 110 MHz: RF shocks and burns from induced and contact current
  - 10 MHz – 6 GHz: avoidance of tissue heating
  - 6 GHz – 300 GHz: avoidance of adverse thermal effects
- \* Public comment period closed July 15, 2014
- \* Will finalize and publish a revised Safety Code 6 in fall 2014
- \* For details on proposed limits visit: [https://rsc-src.ca/sites/default/files/pdf/SC6\\_Report\\_Formatted\\_1.pdf](https://rsc-src.ca/sites/default/files/pdf/SC6_Report_Formatted_1.pdf)

# Americas

## Canada

- \* Amendments to the Canada Labour Code
  - Come in to force October 31, 2014
  - Apply to employees in industries under federal jurisdiction
  - Strengthen the occupational health and safety internal responsibility system
    - Amend the definition of “danger” to mean imminent or serious threat to life or health
    - Modify the refusal to work process to require collaboration
  - Remove all references to health and safety officers and confer on the Minister of Labour their powers, duties and functions

# Thank You!

Dee Woodhull

E-mail: [dee.woodhull@orchse.com](mailto:dee.woodhull@orchse.com)

Phone: 202-510-0514