

ANSI/ASSP Z10.0 – 2019

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Amy Timmerman

- Illinois State University
- 25 years
- Chair ANSI/ASSP Z10 Committee
- US TAG to ANSI for TC 283 ISO 45001 committee
- Manufacturing, healthcare
- Management systems, risk assessments, incident investigation, emergency preparedness, auditing, training

What are we talking about today?

Our Agenda

Learning Objectives

- Review ANSI/ASSP Z10 background and committee goals.
- Explain Z10.0 – 2019 enhancements and modifications.
- Clarify the similarities and differences between Z10 and ISO 45001.
- Identify key items in the future moving forward.

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Why Was Z10 Developed?

Contractor Safety

Fall Prevention

Corrective Action

STOP Work

Management of Change

Procurement

Industrial Hygiene

PPE

Training

Safety Committee

Workplace Violence

JSA JHA

Hearing Conservation

Procedures SOPs

Inspections

Confined Space

Regulatory Compliance

Hazard Communication

Preventive Maintenance

OSHA Recordable Rate Goals

Incident Investigations

Ergonomics

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Workplace Violence

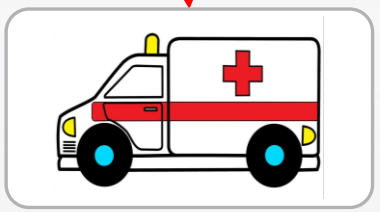
JSA JHA

Hazard Communication

Regulatory Compliance









Background

2005

- Committee formed in 2000
- 1st Z10 edition approved

2012

- 2nd Z10 edition approved.
- AIHA relinquished rights to ASSE.

2017

- Reaffirmed
- Name change to ASSP

2019

- Major updates
- Guidance Manual (GM)
- Smaller organization GM

Z10 Committee Members

AIG
AIHA
American College of Occupational & Environmental Medicine
American Federation of State, County & Municipal Employees
American Foundry Society
American Society of Safety Professionals
Avetta, LLC
Baxter
Boise Cascade
Booz Allen Hamilton
City of Houston
Clemson University
CAN
Conole Safety Consulting
Covestro LLC
Dotson Group, LLC
Engaged Change Solutions
FDR Safety, LLC
FxS Risk and Safety Consulting
Haley & Aldrich, Inc.
Icarus Environmental, Inc
Illinois State University
Insyst OH&S
IUE-CWA
Liberty Mutual
M.C. Dean, Inc.
Miller Safety Consulting, LLC
NAES Corporation
National Institute for Occupational Safety & Health
National Safety Council
Nucor Corporation
Parsons Corporation
Risky Biz Services Inc
Safety Solutions Inc.
Siemens
Sixth Sense Safety Solutions
Specialty Technical Consultants, Inc.
Tesla, Inc.
U.S. Army Corps of Engineers
U.S. Department of Energy
U.S. Department of Homeland Security
U.S. Department of Labor – OSHA
UAW
United Steelworkers
Utility Workers Union of America
Voluntary Protection Programs Participants Association
Wheel Pros, LLC
Workplace Health Without Borders



ANSI/ASSP Z10 Committee
October 2024 Meeting

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ANSI/ASSP Z10 Committee Goals

To enhance understanding and utility of the standard

To increase emphasis on process and system improvements

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ANSI/ASSP Z10 - Purpose

Provide organizations an effective tool for continual improvement of their occupational health & safety performance.

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Framework



1. Scope
2. References
3. Definitions
4. Context of the Organization **new**
5. Leadership & Worker Participation
6. Planning
7. Support **new**
8. Implementation & Operation
9. Evaluation and Corrective Action
10. Management Review

Annexes

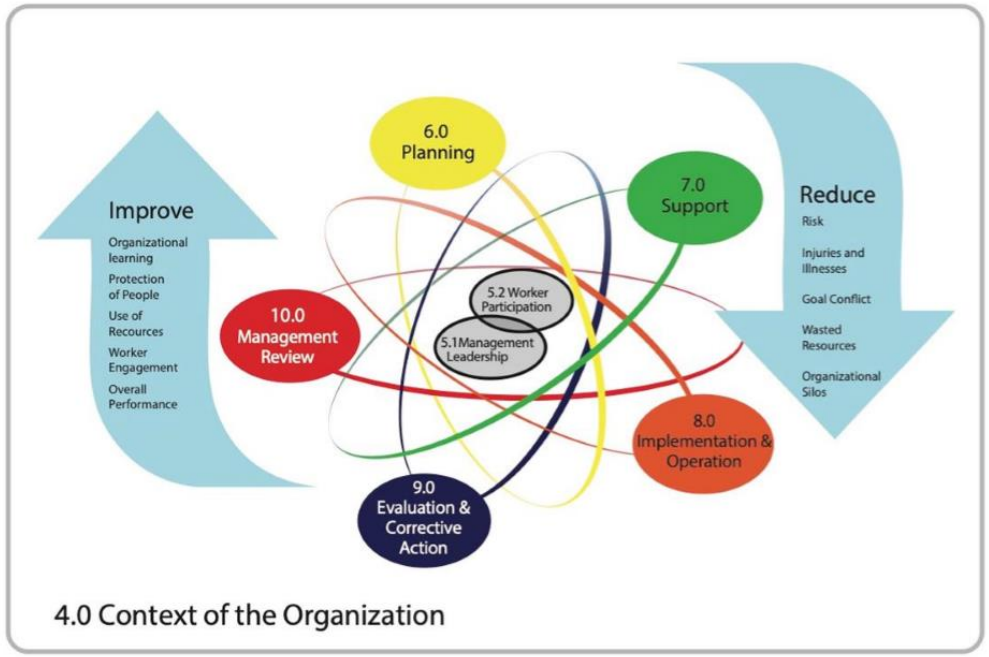
A. Annex A – Explanatory and Advisory text
B. Annex B - Bibliography

Plan Do Check Act

ANSI/ASSPZ10-2012



ANSI/ASSP Z10-2019

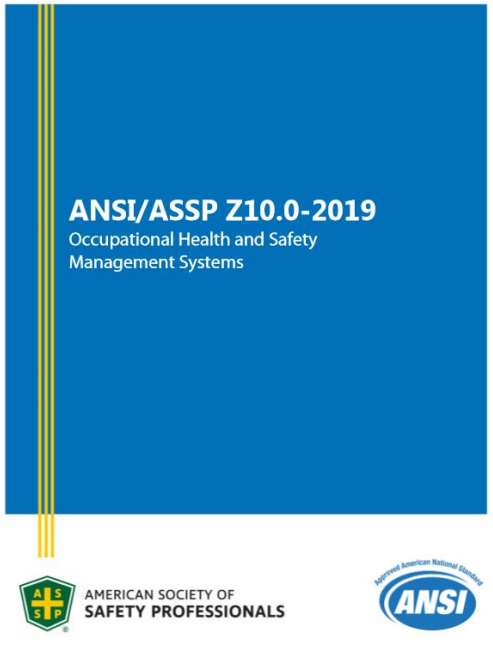


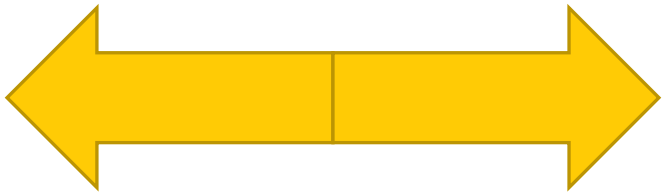
Linear fashion vs. Dynamic

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ANSI/ASSP Z10 Enhancements

- General aliment with ISO high-level structure text.





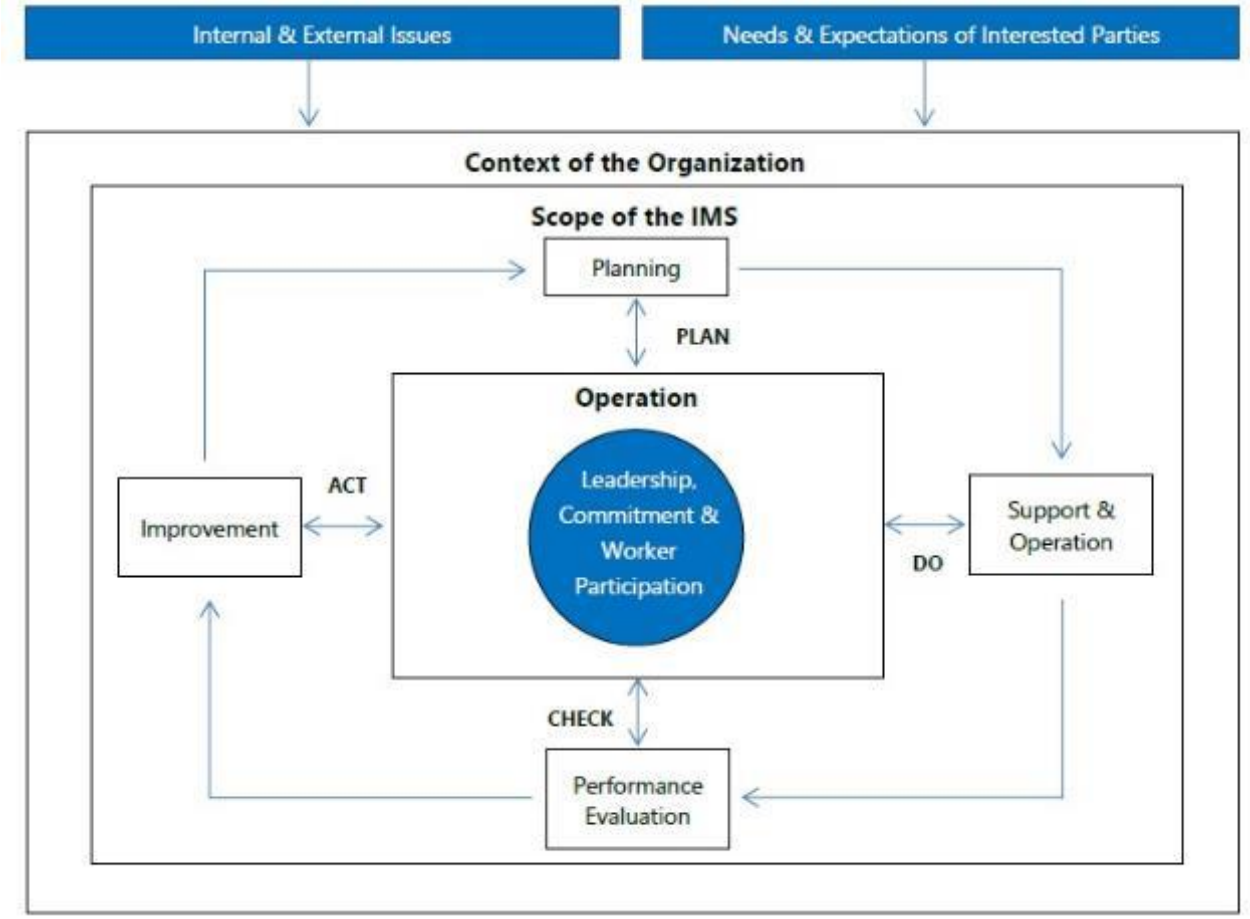
ISO

ANNEX SL

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ANSI/ASSP Z10 Enhancements

- Employee changed to worker
  - Align with the United States interpretation of ISO 45001
  - Broadens the coverage of management systems to include certain workers that are not employed by the organization.
- Section 4: Context of the organization
  - Strategic considerations
  - Internal/External issues



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Additional Z10 Enhancements

- Worker Participation
  - Worker input on acceptable level of risk
  - Exists in every section of the standard
- Section 6: Strategic planning
- Section 8: Operation planning
- Integration of OHS management system with business systems.
- Annex A
  - Expansion on understanding requirements
  - Convey effective practices based on experience from organizations that have implemented the Z10.0 standard
- Annex B
  - Additional references
  - Electronic links

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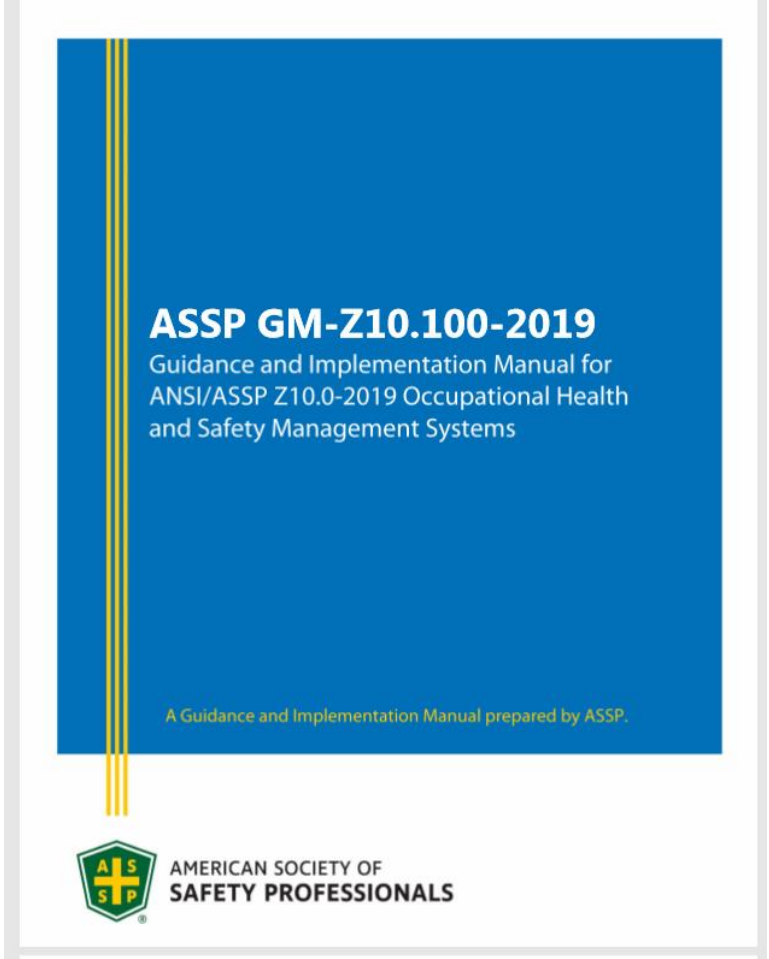
Guidance & Implementation Manual

Chapters specific to the Management System

- Policy
- Worker Participation
- Roles / Responsibilities
- Planning
- Procurement
- Contractors
- Management Review
- Occupational Health
- Metrics and Measurements

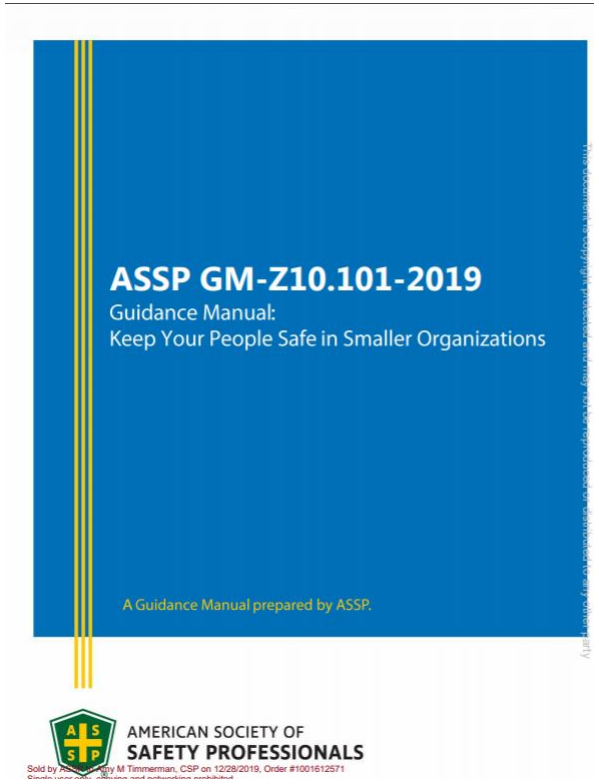
New Concepts

- Business integration *
- System thinking
- New view
- Fatality and Series Injury and Illness
- Case Studies *



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Guidance Manual – Small Organizations





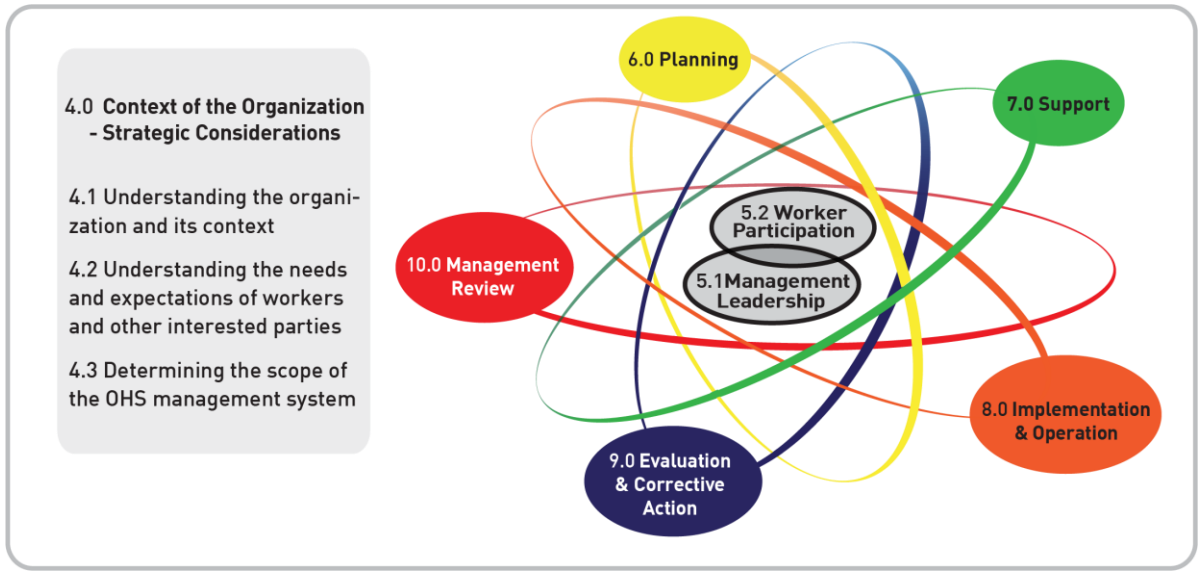
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Clause 4: Context of Organization

- Understand the needs and expectations of the organization, its workers, and other interested parties, including regulatory agencies.
- Vital for determining what the organization intends to cover in the OHSMS

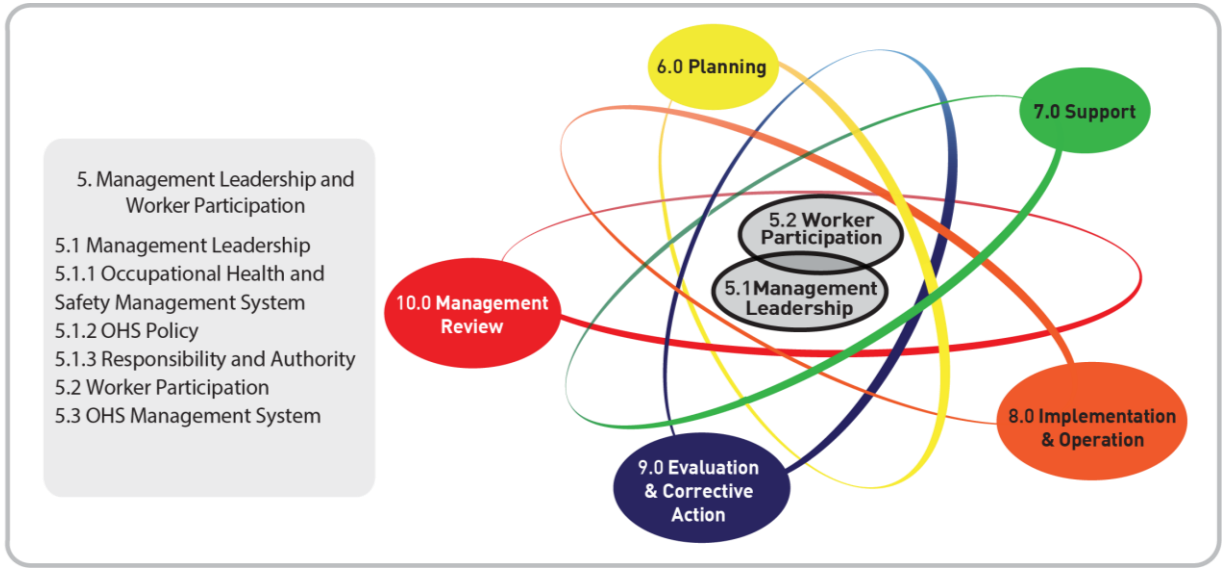


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ANSI/ASSP Z10.0 -2019

Clause 5: Leadership & Participation

- Foundation for success of MS.
- Committed leaders, effective policies, and clearly assigned roles, responsibilities, accountabilities, and authorities.
- Worker participation
- Feedback from other elements in MS

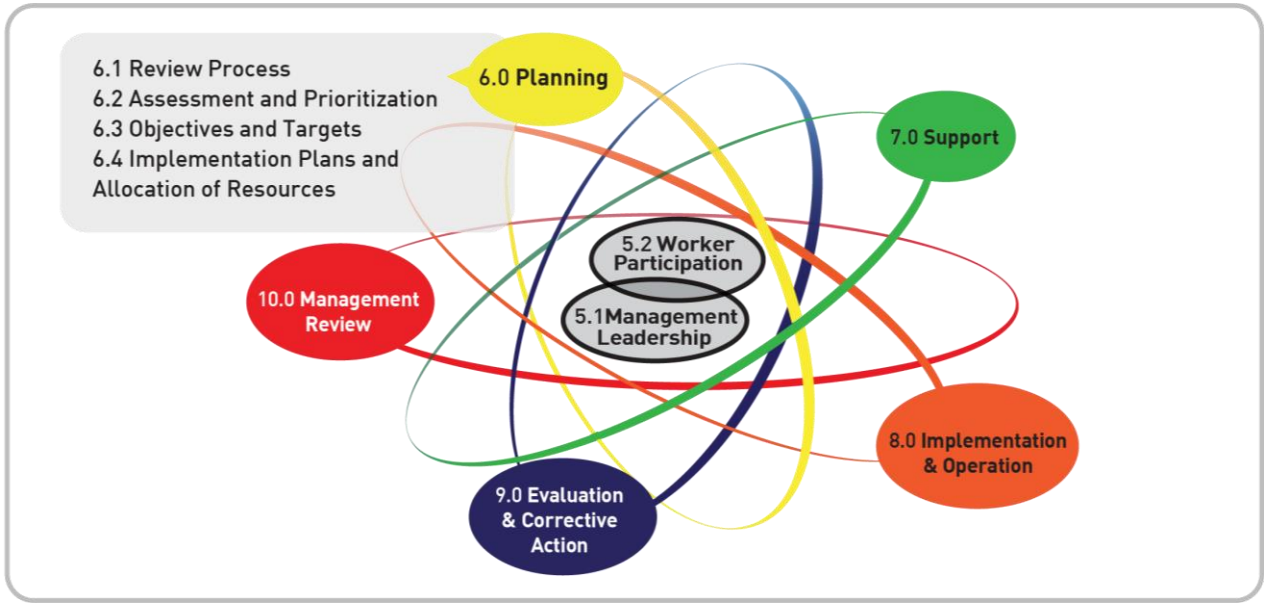


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Clause 6: Planning

- Effective OHSMS depends on an assessment of risks and opportunities for improvement.
- Translated into goals and objectives
  - Monitored
  - Integrated into business practices
- Goals are strategic
  - Focused on reducing risks
  - Engaging all parts of the organization

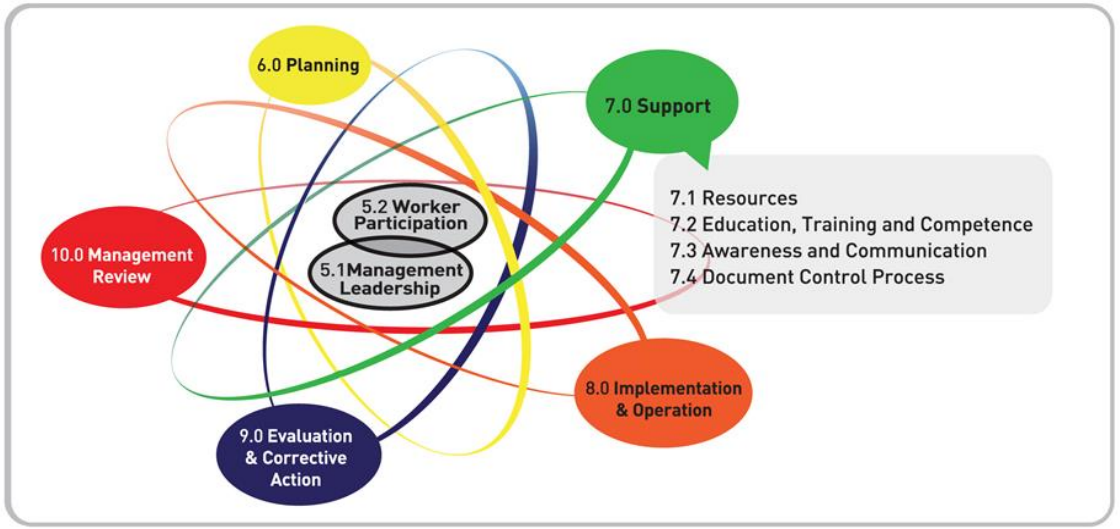


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Clause 7: Support

- Providing sufficient resources, making sure employees and managers are competent, and promoting awareness of hazards and controls.
- Effective communication.
- Without support, the other elements of the OHSMS will flounder.

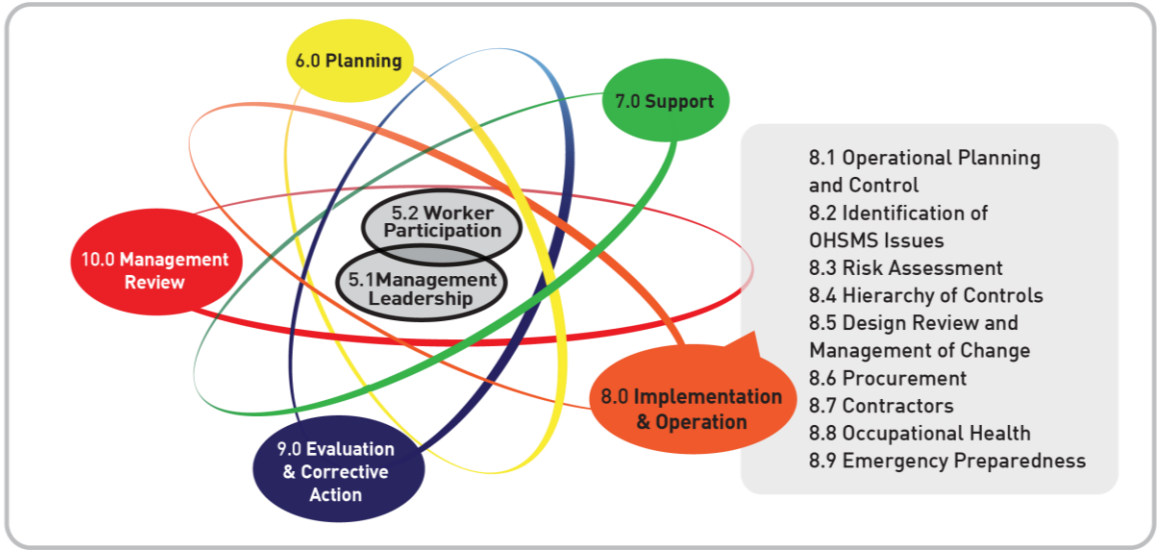


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Clause 8: Implementation and Operations

- Heavy lifting
- Unless they are surrounded by the other elements of the OHSMS, they will not lead to continuous and lasting improvement.

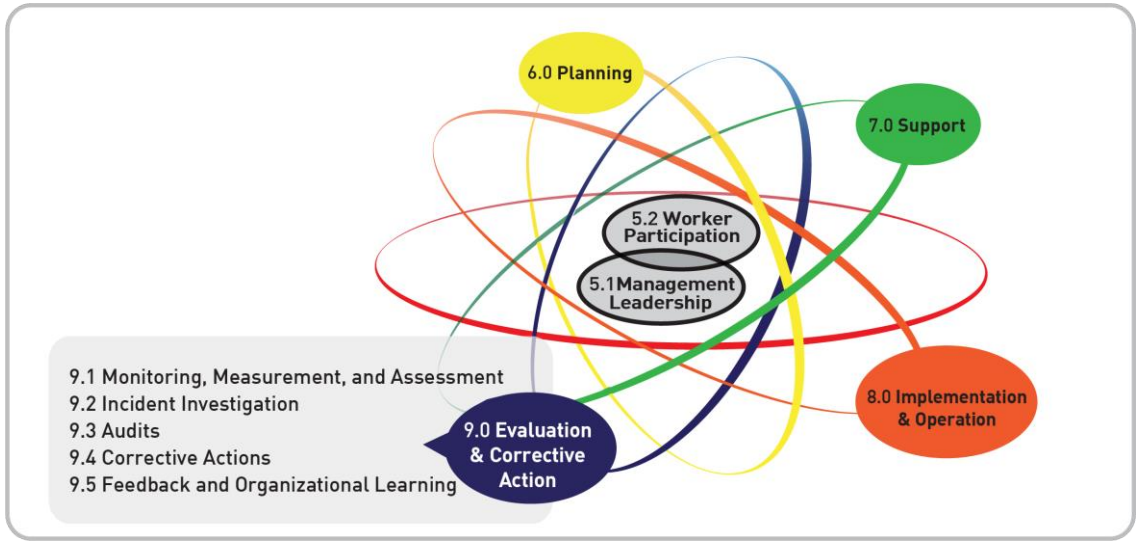


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Clause 9: Evaluation & Corrective Action

- Tools to gauge compliance and progress
- Meaningful metrics and effective audit processes
- Incident investigation

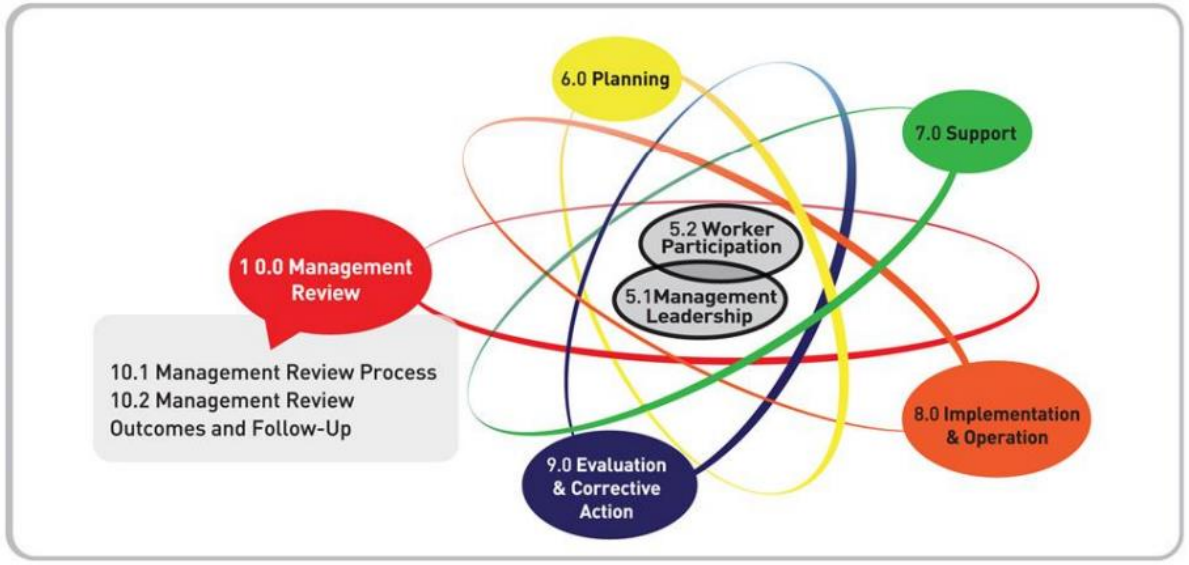


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Clause 10: Management Review

- Inputs
- Outputs



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Future Moving Forward

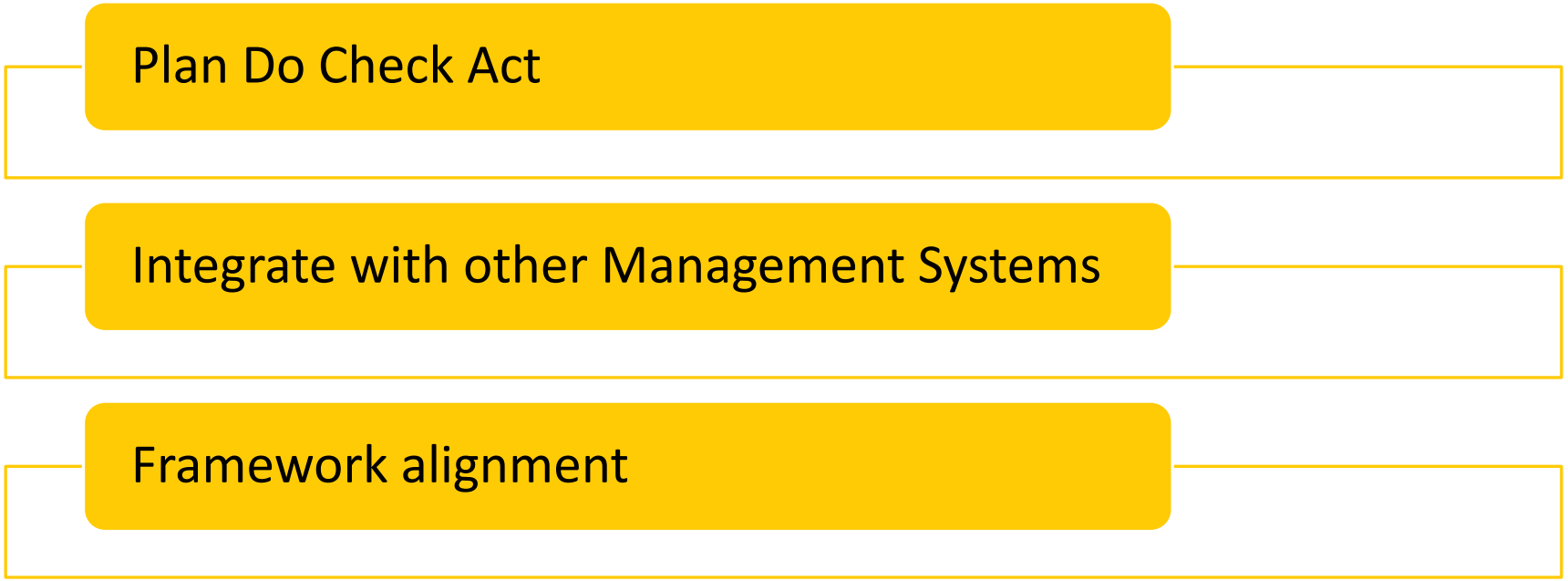
- Next revision has begun
- Section 9: Evaluation & Corrective Action
  - Change to Performance Evaluation
  - Expand on Performance evaluation process
  - Unintended consequences
- SME – simplify language
- Graphic to show OHMS framework.
- AI and healthcare sub-committee



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ANSI/ASSP Z10 vs. ISO 45001

Synergy between the standards



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ANSI/ASSP Z10 vs. ISO 45001

Z10

- System based standard
- Gold standard in OHSMS in the U.S.
- Align with ISO 45001
- Based on U.S. business practices, legal systems, and union/management systems.
- Flexibility in tailoring
- Covers occupational health
- Guidance manual
- Small business guide - free

ISO 45001

- Global standard of OHSMS
- Certification, third parties
- Converted into several languages
- Flexibility but more specific in some sections.
- ISO 45002: implementation guide expected end of 2022.
- Small business guide - fee

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ANSI/ASSP Z10



- Extensive interest in Z10 Globally
- Recognition from other public sectors..
- Default for the U.S. Tag to TC283 ISO 45001 standard

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Questions?

Contact Information

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