

MCAA | SMACNA | TAUC  
**SAFETY & HEALTH  
CONFERENCE**

SPONSORED BY 

SUMMITS SPONSORED BY **PROCORE** & **GNA**





# ANSI/ASSP A10 Standards The Difference Makers January 14, 2025



**Tim Fisher**

American Society of Safety  
Professionals, [ASSP]

# Topics we will cover

1. Overview of fatalities and injuries in construction
2. Quick history and background on A10
3. Update on ANSI/ASSP A10 construction standards
4. Review of A10 Resources and Activities
5. Why should you care...???!!!
6. How you can be involved with A10
7. Conclusion

## Construction & Demolition Operations (A10)



AMERICAN SOCIETY OF  
**SAFETY PROFESSIONALS**



The ANSI/ASSP A10 series of standards cover safety requirements for a whole host of activities related to construction and demolition operations — from erecting scaffolding, to handling explosives, to pouring concrete.



Safety professionals can use the A10 standards to help prevent worker injuries, illnesses and fatalities. These incidents harm workers and their families, carry high costs and damage a company's reputation. A10 standards apply directly to field operations to help all involved recognize and prevent hazards related to construction and demolition operations.

## Construction & Demolition Operations (A10)



AMERICAN SOCIETY OF  
**SAFETY PROFESSIONALS**



# Protecting Workers and the Public

## *ANSI/ASSP A10 Accredited Standards Committee (A10 ASC) Serves the Construction and Demolition Industry*

- Writes, Interprets Voluntary National Consensus Standards Regarding Workplace Hazards
- Provides Guidance as Well as Technical Information to Safety, Health & Environmental Professionals

# A10 Committee Focus

## ***ANSI/ASSP A10 Accredited Standards Committee (A10 ASC) Serves the Construction and Demolition Industry***

- ✓ A10 is perhaps THEE oldest ANSI Accredited Standards Committee, established circa 1932
- ✓ ASSP took on the secretariat of A10 in 2004
- ✓ The committee now has over 50 standards, reports, and projects, with more probably on the way
- ✓ The A10 Standards are used globally

# A10 Committee Focus

## ***ANSI/ASSP A10 Accredited Standards Committee (A10 ASC) Serves the Construction and Demolition Industry***

- ✓ There are hundreds of active members and organizations on the main committee and subgroups
- ✓ Significant recognition in both the public and private sector
- ✓ We believe the committee is stronger and better recognized than ever before



# A10 ASC: Respected and Influential

---

## Ahead of Curve

- ✓ Adopts Good Science, Technology
- ✓ Informs National, State Agencies (e.g., OSHA)
- ✓ Supports Contracts and Work Agreements in Private Sector

## Fair, Open Process Ensures Consensus

- ✓ All Parties Have Opportunity to Participate in Development of Standards

# Role of a Standards Developing Organization - ASSP

## American Society of Safety Professionals (ASSP)

- Voluntary National Consensus Standards Can Be Used for Federal, State, Local Regulations – How is this done???
- National Level Draws Most Attention Because of OSHA's Impact on OSH Professionals
- Laws / Guidelines Require Agency Review of Voluntary Consensus Standards During Proposed Rulemaking

# How to Interpret a Standard Name



- 
- ANSI/ASSP A10.43-2016 Safety Requirements for Entering Confined Spaces – Construction and Demolition Operations
    - ANSI – Approval body
    - ASSP – Secretariat
    - A10.43 – Number associated with the standard
    - 2016 – Year published
    - Safety Requirements for Entering Confined Spaces – topic
  - Note – Specific to Construction and Demolition Operations

# How National Governmental Agencies Use ANSI Standards

- ✓ Voluntary National Consensus Standards Can Be Used for Federal, State, Local Regulations – How is this done???
- ✓ National Level Draws Most Attention Because of OSHA's Impact on OSH Professionals
- ✓ Laws / Guidelines Require Agency Review of Voluntary Consensus Standards During Proposed Rulemaking

# How National Governmental Agencies Use ANSI Standards

## From the U.S. Army Corps of Engineers EM385 Manual – 2014:

*(1) The contractor shall develop an HECPP in accordance with this Section as well as all requirements of 29 CFR 1910.147, ANSI Z244.1, and ANSI A10.44. This HECPP shall be submitted as part of their Accident Prevention Plan (APP) to the GDA for acceptance.*

Safety professionals can use the A10 standards to help prevent worker injuries, illnesses and fatalities. These incidents harm workers and their families, carry high costs and damage a company's reputation. A10 standards apply directly to field operations to help all involved recognize and prevent hazards related to construction and demolition operations.

## ANSI/ASSP A10.1-2024

Pre-Project & Pre-Task Safety and Health Planning



AMERICAN SOCIETY OF  
SAFETY PROFESSIONALS



MCAA | SMACNA | TAUC  
SAFETY & HEALTH  
CONFERENCE



# ANSI Registered Technical Reports

- ✓ First TR was completed by the Committee – PTD
- ✓ More will be published - Drones
- ✓ What is the difference and why should I care?

## ASSP/A10 GUIDANCE DOCUMENT

For Construction and Demolition Operations

ASSP A10.0 – 2019

The Construction and Demolition Operations Compendium of Standards



AMERICAN SOCIETY OF  
SAFETY PROFESSIONALS

# ANSI/ASSP A10 Standards

- ✓ A10.1 Pre-Project & Pre-Task Safety & Health Planning
- ✓ A10.2 Safety, Health and Environmental Training
- ✓ A10.3 Powder-Actuated Fastening Systems
- ✓ A10.4 Personnel Hoists and Employee Elevators
- ✓ A10.5 Material Hoists
- ✓ A10.6 Demolition Operations
- ✓ A10.7 Use, Storage, Handling and Site Movement of Commercial Explosives
- ✓ A10.8 Scaffolding
- ✓ A10.9 Concrete and Masonry Construction
- ✓ A10.10 Temporary and Portable Space Heating Devices



# ANSI/ASSP A10 Standards

- ✓ A10.11 Personnel Nets
- ✓ A10.12 Excavation
- ✓ A10.13 Steel Erection
- ✓ A10.15 Dredging
- ✓ A10.16 Tunnels, Shafts and Caissons
- ✓ A10.17 Safe Operating Practices for Hot Mix Asphalt (rescinded)
- ✓ A10.18 Temporary Roof and Floor Holes
- ✓ A10.19 Pile Installation and Extraction Operations
- ✓ A10.20 Ceramic Tile, Terrazzo and Marble Work

# ANSI/ASSP A10 Standards

- ✓ A10.21 Safe Construction and Demolition of Wind Generation/Turbine Facilities
- ✓ A10.22 Rope-Guided and Non-Guided Workers' Hoists
- ✓ A10.23 Safety Requirements for the Installation of Drilled Shafts
- ✓ A10.24 Roofing – Safety Requirements for Low-Sloped Roofs
- ✓ A10.25 Sanitation in Construction
- ✓ A10.26 Emergency Procedures for Construction Sites
- ✓ A10.27 Hot Mix Asphalt Facilities - Rescinded
- ✓ A10.28 Work Platforms Suspended from Cranes or Derricks
- ✓ A10.30 Installation of Anchors and Micropiles

# ANSI/ASSP A10 Standards

- ✓ A10.31 Digger-Derricks
- ✓ A10.32 Personal Fall Protection Used in Construction and Operations
- ✓ A10.33 Safety and Health Program Requirements for Multi-Employer Sites
  
- ✓ A10.34 Public Protection
- ✓ A10.35 Pressure Testing of Steel and Copper Piping Systems
- ✓ A10.37 Debris Nets
- ✓ A10.38 Basic Elements of a Program to Provide a Safe and Health Program
- ✓ A10.39 Construction Safety and Health Audit Program
- ✓ A10.40 Reduction of Musculoskeletal Problems in Construction

# ANSI/ASSP A10 Standards

- ✓ A10.42 Rigging Qualifications and
- ✓ A10.43 Confined Spaces in Construction
- ✓ A10.44 Lockout/Tagout in Construction
- ✓ A10.46 Hearing Loss Prevention
- ✓ A10.47 Highway Construction Safety
- ✓ A10.48 Communication Structures
- ✓ A10.49 Control of Health Hazards
- ✓ A10.50 Heat

# A10 Committee – The Future

- Multi-employer worksites – More of an ongoing issue
- Pandemics
- Use of technology
- Where do we go after heat stress
- Ongoing work with fall protection
- Suicide Prevention – More awareness

(Note: Do not mean standards work, but more awareness and discussion)

# A10 Committee – How to Get Involved

## How does an organization join the A10 Committee

- ✓ Become a member of subgroups
- ✓ Actively participate with subgroups
- ✓ Attend the main meetings, which are in January and July are in the Washington, DC area, [virtual right now]
- ✓ Make an application
- ✓ Be prepared to wait due to the capping of full committee membership and the need to maintain committee balance

Any Questions or Concerns...???

---

Fire Away.....!!

# A10 Contact Information

For more information on A10 contact the secretariat:

[www.assp.org](http://www.assp.org)

Timothy R. Fisher, CSP, CHMM, ARM, CPEA, FASSP  
Chief Technical Officer, Safety, Health, and Well Being  
American Society of Safety Professionals (ASSP)  
520 N. Northwest Highway  
Park Ridge, IL 60068  
847/768-3411 (T)  
[TFisher@ASSP.Org](mailto:TFisher@ASSP.Org)