



AMERICAN NATIONAL STANDARD

ANSI/ASSE A10.1 – 2011
Pre-Project & Pre-Task
Safety and Health Planning

American National Standard
for Construction and
Demolition Operations

ANSI/ASSE A10.1 – 2011



AMERICAN SOCIETY OF
SAFETY ENGINEERS

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**American National Standard
Construction and Demolition Operations**

Pre-Project & Pre-Task Safety and Health Planning

Secretariat

American Society of Safety Engineers
1800 East Oakton Street
Des Plaines, Illinois 60018-2187

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Foreword (This Foreword is not a part of American National Standard A10.1-2011.)

This standard is one of a series of safety standards that have been formulated by the Accredited Standards Committee on Safety in Construction and Demolition Operations, A10. It is expected that the standards in the A10 series will find a major application in industry, serving as a guide to contractors, labor, and equipment manufacturers. For the convenience of users, a list of existing and proposed standards in the A10 series for Safety Requirements in Construction and Demolition Operations follows.

- A10.1 Pre-Project & Pre-Task Safety & Health Planning
- A10.2 Safety, Health, and Environmental Training (under development)
- A10.3 Powder-Actuated Fastening Systems
- A10.4 Personnel Hoists and Employee Elevators
- A10.5 Material Hoists
- A10.6 Demolition Operations
- A10.7 Transportation, Storage, Handling, and Use of Commercial Explosives and Blasting Agents
- A10.8 Scaffolding
- A10.9 Concrete and Masonry Construction
- A10.10 Temporary and Portable Space Heating Devices
- A10.11 Personnel and Debris 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 (HMA) Construction
- A10.18 Temporary Roof and Floor Holes, Wall Openings, Stairways, and Other Unprotected Edges
- A10.19 Pile Installation and Extraction Operations
- A10.20 Ceramic Tile, Terrazzo, and Marble Work
- A10.21 Safe Construction and Demolition of Wind Generation/Turbine Facilities (under development)
- A10.22 Rope-Guided and Non-Guided Workers' Hoists
- A10.23 Safety Requirements for the Installation of Drilled Shafts (under development)
- 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
- A10.28 Work Platforms Suspended from Cranes or Derricks
- A10.29 Aerial Platforms in Construction (under development)
- A10.31 Digger-Derricks
- A10.32 Personal Fall Protection Used in Construction and Demolition Operations
- A10.33 Safety and Health Program Requirements for Multi-Employer Projects
- A10.34 Public Protection
- A10.37 Debris Nets
- A10.38 Basic Elements of a Program to Provide a Safe and Healthful Work Environment
- A10.39 Construction Safety and Health Audit Program
- A10.40 Reduction of Musculoskeletal Problems in Construction
- A10.41 Equipment Operator and Supervisor Qualifications and Responsibilities (under development)

A10.42 Rigging Qualifications and Responsibilities in the Construction Industry
A10.43 Confined Spaces in Construction (under development)
A10.44 Lockout/Tagout in Construction
A10.46 Hearing Loss Prevention
A10.47 Highway Construction Safety
A10.48 Communication Tower Erection (under development)
A10.49 Control of Health Hazards (under development)

One purpose of these standards is to serve as guides to governmental authorities having jurisdiction over subjects within the scope of the A10 Committee standards. If these standards are adopted for governmental use, the reference of other national codes or standards in individual volumes may be changed to refer to the corresponding regulations.

Revisions: The A10 Committee welcomes proposals for revisions to this standard. Revisions are made to the standard periodically (usually five years from the date of the standard) to incorporate changes that appear necessary or desirable, as demonstrated by experience gained from the application of the standard. Proposals should be as specific as possible, citing the relevant paragraph number(s), the proposed wording, and the reason for the proposal. Pertinent documentation would enable the A10 Committee to process the changes in a more timely manner.

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Committee Meetings: The A10 Committee meets twice a year. Persons wishing to attend a meeting should contact the Secretariat for information.

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AMERICAN NATIONAL STANDARD A10.1 PRE-PROJECT & PRE-TASK SAFETY AND HEALTH PLANNING

1. GENERAL

1.1 Scope. This standard establishes the elements and activities for pre-project and pre-task safety and health planning in construction.

1.2 Purpose. The primary purpose of this standard is to assist construction owners, project constructors and contractors in making pre-project and pre-task safety and health planning a standard part of their planning processes. This standard is also intended to assist owners in establishing a process for evaluating project constructor candidate safety and health performance and planning practices.

1.3 Exceptions.

1.3.1 In cases of practical difficulties, unnecessary hardships or new developments, the construction owner or project constructor may grant exceptions to literal requirements of this standard. These exceptions may permit use of other methods, but only when it is clearly indicated and documented that the chosen alternative method(s) provides adequate workplace safety and health protection.

1.3.2 This standard is not intended for owners of residential property contracting for work to build or work on their personal residence.

2. REFERENCES

The following existing industry standards are referenced in this standard.

ANSI/ASSE A10.33, *Safety and Health Program Requirements for Multi-Employer Projects*

ANSI/ASSE A10.34, *Protection of the Public on or Adjacent to Construction Sites*

ANSI/ASSE A10.38, *Basic Elements of an Employer's Program to Provide a Safe and Healthful Work Environment*

3. DEFINITIONS

3.1 Company Safety and Health Program. A written company program describing how the company will address safety and health as it pertains to workers, other affected personnel and the general public. (Refer to ANSI/ASSE A10.33, *Safety and Health Program Requirements for Multi-Employer Projects*, ANSI/ASSE A10.38, *Basic Elements of an Employer's Program to Provide a Safe and Healthful Work Environment*, and ANSI/ASSE A10.34, *Protection of the Public on or Adjacent to Construction Sites* for guidance on program development.)

3.2 Competent Person. One who is capable of identifying existing and predictable hazards in surroundings which are unsanitary, hazardous or dangerous to employees, and who has the authority to take prompt corrective measures to eliminate them.

3.3 Construction Owner. The entity or entities who contract with a project constructor to perform construction or demolition work.

3.4 Complex Task. Any potentially hazardous task that requires specific competencies e.g. structural engineering expertise, complex crane hoist/lift expertise, industrial hygiene expertise, etc., for safe and successful completion. Examples of complex tasks may include, but are not necessarily limited to excavations, demolition, confined space entry, hazardous