AMERICAN NATIONAL STANDARD

ANSI/ASSE A10.1 – 2011 (R2017)
Pre-Project & Pre-Task Safety and Health Planning

American National Standard
for Construction and Demolition Operations

AMERICAN SOCIETY OF SAFETY ENGINEERS

ANSI/ASSE A10.1 – 2011 (R2017)

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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
520 N. Northwest Highway
Park Ridge, Illinois 60068

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Foreword

(This Foreword is not a part of American National Standard A10.1-2011 (R2017).)

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 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
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
A10.42 Rigging Qualifications and Responsibilities in the Construction Industry
A10.43 Confined Spaces in Construction and Demolition Operations
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

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 section 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.

Interpretations: Upon a request in writing to the Secretariat, the A10 Committee will render an interpretation of any requirement of the standard. The request for interpretation should be clear, citing the relevant section number(s) and phrased as a request for a clarification of a specific requirement. Oral interpretations are not provided.

No one but the A10 Committee (through the A10 Secretariat) is authorized to provide any interpretation of this standard.

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Appendices: Appendices are included in most standards to provide the user with additional information related to the subject of the standard. Appendices are not part of the approved standard.

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Contents

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 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 substance abatement and critical lifts (cranes and helicopters), etc.

3.4 Construction Owner. The entity or entities who contract with a project