



AMERICAN NATIONAL STANDARD

ANSI/ASSE A10.34-2001 (R2012)
Protection of the Public on
or Adjacent to Construction Sites

American National Standard
for Construction and
Demolition Operations

ANSI/ASSE A10.34-2001 (R2012)



AMERICAN SOCIETY OF
SAFETY ENGINEERS

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ANSI/ASSE A10.34-2001 (R2012)

**American National Standard
Construction and Demolition Operations**

**Protection of the Public on
or Adjacent to Construction Sites**

Secretariat

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

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American National Standards Institute, Inc.

American National Standard

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Foreword (This Foreword is not a part of American National Standard A10.34-2001 (R2012).)

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 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.

Approval: Neither the A10 Committee nor American National Standards Institute (ANSI) "approves," "certifies," "rates," or "endorses" any item, construction, proprietary device, or activity.

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.

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

Standard Approval: This standard was processed and approved for submittal to ANSI by the American National Standards Committee on Safety in Construction and Demolition Operations, A10. Approval of the standard does not necessarily imply (nor is it required) that all Committee members voted for its approval. At the time it approved this, the A10 Committee had the following members:

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AMERICAN NATIONAL STANDARD A10.34 PROTECTION OF THE PUBLIC ON OR ADJACENT TO CONSTRUCTION SITES

1. GENERAL

1.1 Scope. This standard provides the recommended elements and activities on construction projects to provide protection for the public.

1.2 Purpose. This standard is intended for use as a guideline to provide protection for the public.

1.3 Responsibility. The project constructor shall implement this standard as appropriate to the specific size and location of the project and degree of potential hazards to the public.

1.3.1 If the enforcing authority, project constructor or other responsible party (agent) determines that portions are not applicable and the intent of the standard is still met, then those specific sections should be deleted (or disregarded) where they do not apply.

1.3.2 Whenever the project constructor or other responsible party (agent) delegates their responsibility, they are not relieved of accountability for oversight (of the activities that were delegated). If the project constructor or its agent becomes aware of a situation where an entity that has been delegated responsibility fails to or cannot perform the delegated responsibility adequately, then the project constructor or its agent shall be responsible for correction of the deficiency.

1.4 Comments. When there is a comment in the text of this standard the comment is meant to clarify the intent of the standard, however the language of the comment is not part of the standard.

1.5 Exceptions. In cases of practical difficulty or undue hardship, the responsible authority may grant exceptions to the literal

requirements of this standard or permit the use of other devices or methods, but only when it is clearly evident that personnel and equipment protection is assured.

2. DEFINITIONS

2.1 Agent. A designated person or company who is assigned and accepts the specified contractual responsibility of another party.

2.2 Ambient Noise. Any noise generated in the surroundings and is not a result of the construction operation.

2.3 Authority. Any administrative body or governmental division or agency that establishes or is authorized to establish regulations, procedures, laws or other controls applicable to the jobsite or public.

2.4 Enforcing Authority. The entity with general oversight of the operation with day-to-day control of the site and with authority to enforce safety on the site. This may be a controlling contractor, project constructor, owner, governmental or private agency that is conducting construction or maintenance or the employer in the absence of one of these.

In the absence of a law specifically incorporating this standard or a section of this standard, or a specific interpretation from the enforcement or consultative branch of a state or federal safety and health enforcement agency, the task of determining applicability and exceptions to this standard rests with the enforcing authority as defined above.

2.5 Competent Person. One who is capable of identifying existing and predictable hazards to the public and has the authorization to take prompt corrective measures to eliminate them.