

ANSI/ASSP A10.34-2021

Protection of the Public on or Adjacent to
Construction Sites



AMERICAN SOCIETY OF
SAFETY PROFESSIONALS



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ANSI/ASSP A10.34 – 2021

**American National Standard
Construction and Demolition Operations**

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

Secretariat

American Society of Safety Professionals

520 N. Northwest Highway
Park Ridge, Illinois 60068

Approved February 1, 2021

American National Standards Institute

American National Standard

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Published March 2021 by

American Society of Safety Professionals
520 N. Northwest Highway
Park Ridge, IL 60068
(847) 699-2929 • www.assp.org

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Printed in the United States of America

Foreword (This Foreword is not a part of American National Standard A10.34-2021.)

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 and technical materials in the A10 series for Safety Requirements in Construction and Demolition Operations follows.

- A10.0 The Construction and Demolition Compendium of Standards
- 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 Use, Storage, Handling and Site Movement 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
- 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 Pre-Planning, Installation, Inspection and Use of Fall Protection for Construction and Demolition (under development)
- A10.30 Installation of Anchors and Micropiles
- 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
- A10.35 Pressure Testing of Steel and Copper Piping Systems (under development)
- 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

- A10.50 Heat Stress Management in Construction and Demolition Operations (under development)
- A10.100 Prevention through Design in Construction
- A10.101 Drones in Construction (under development)
- A10.102 Emerging Technology in Construction (under development)
- A10.103 Lagging and Leading Indicators Used in Construction (under development)
- A10.104 Pandemics and Infectious Diseases on Construction and Demolition Sites (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.

Normative Requirements

This standard uses the single column format common to many international standards. The normative requirements appear aligned to the left margin. To meet the requirements of this standard, machinery, equipment and process suppliers and users must conform to these normative requirements. These requirements typically use the verb “shall.”

NOTE: The informative or explanatory notes in this standard appear indented, in italics, in a reduced font size, which is an effort to provide a visual signal to the reader that this is informative note, not normative text, and is not to be considered part of the requirements of this standard; this text is advisory in nature only. The suppliers and users are not required to conform to the informative note. The informative note is presented in this manner in an attempt to enhance readability and to provide explanation or guidance to the sections they follow.

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

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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 required elements and activities on construction and demolition projects to protect the public.

1.2 Purpose

This standard is intended for use as a system to protect the public.

1.3 Responsibility

The project constructor shall implement this standard based on the specific size and location of the project and degree of potential hazards to the public.

1.3.1 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.

2. Definitions

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

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

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

Authority Having Jurisdiction (AHJ). The governmental agency, office or individual responsible for approving equipment, an installation or a procedure.

Construction Project (also Project). Any activity involving construction, alteration, maintenance, repair, or demolition work, as described by the project documents.

Contractor. The individual, firm or corporation undertaking the execution of the construction work under the terms of the contract and acting directly or through its agents or employees.

Engineer. A licensed/registered professional engineer with the expertise in the discipline applicable to the scope of work.

Hazard. The potential or inherent characteristics of an activity, condition or circumstance that has the potential to cause death, injury, illness, equipment or property damage.

Owner. The public body, authority, corporation, association, firm or person for whom work is to be performed.

Process Water. Any water supplied or drawn from onsite sources (hydrants, water trucks, etc.) for use during work activities.