



AMERICAN NATIONAL STANDARD

ANSI/ASSE A10.9 – 2013
Safety Requirements
for Concrete and Masonry Work

American National Standard
for Construction and
Demolition Operations

ANSI/ASSE A10.9 – 2013



AMERICAN SOCIETY OF
SAFETY ENGINEERS

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ANSI®
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American National Standard
Construction and Demolition Operations

Safety Requirements for Concrete and Masonry Work

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 A10.9-2013.)

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.

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AMERICAN NATIONAL STANDARD A10.9 SAFETY REQUIREMENTS FOR CONCRETE AND MASONRY WORK

1. GENERAL

1.1 Scope. This standard establishes safety requirements pertaining to concrete construction and masonry work in construction. The requirements contained in this standard cover all on-site concrete construction and masonry work including design, erection, operation and maintenance of aggregate processing plants, concrete mixing plants and conveyances. It also contains safety requirements pertinent to the specialty concrete operations of prestressing by pretensioning or post-tensioning, lift-slab construction, tilt-up construction and slipforms.

1.2 Purpose. The purpose of this standard is to establish reasonable and practical safety requirements and practices for concrete construction and masonry work.

1.3 Interpretation. In cases where additional explanation or interpretation of this standard is required, such requests should be referred to Standards Committee A10, American Society of Safety Engineers, 1800 East Oakton Street, Des Plaines, Illinois 60018-2187.

2. REFERENCES

2.1 Referenced and Related Standards.

This standard is effective when used by itself. However, concrete and masonry worker protection can be further enhanced by the use of other American National Standards. When these standards are superseded by a revision approved by the American National Standards Institute, Inc., the revision shall apply.

ANSI/ASSE A10, All applicable ANSI/ASSE A10 documents, see preface for titles and specifically:

ANSI/ASSE A10.32, *Fall Protection Systems for Construction Industry Users*

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

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

ANSI A14.1, *Safety Requirements for Portable Wood Ladders*

ANSI A14.2, *Safety Requirements for Portable Metal Ladders*

ANSI B7.1, *The Use, Care and Protection of Abrasive Wheels*

ANSI B7.5, *Safety Code for the Construction, Use and Care of Gasoline-Powered, Hand-Held, Portable Abrasive, Cutting-Off Machines*

ANSI/ASME B15.1, *Safety Standard for Mechanical Power Transmission Apparatus*

ANSI/ASME B20.1, *Safety Standard for Conveyors and Related Equipment*

ANSI/ASME B30 all applicable crane and lifting related documents.

ANSI/AWS Z49.1, *Safety in Welding, Cutting and Allied Processes*

ANSI/ISEA Z87.1, *Occupational and Educational Personal Eye and Face Protection Devices*