



# AMERICAN NATIONAL STANDARD

*ANSI/ASSE A10.20 – 2006 (R2011)*  
*Safe Operating Practices for*  
*Tile, Terrazzo, and Marble Work*

*American National Standard*  
*for Construction and*  
*Demolition Operations*

*ANSI/ASSE A10.20 – 2006 (R2011)*



AMERICAN SOCIETY OF  
SAFETY ENGINEERS

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**ANSI/ASSE A10.20 – 2006 (R2011)**

**American National Standard  
Construction and Demolition Operations**

**Safe Operating Practices for  
Tile, Terrazzo, and Marble 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 A10.20-2006 (R2011).)

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 (under development)
- 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 (under development)
- 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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*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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*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 this standard was published, the A10 Committee had the following members:

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 James Tomaseski, Vice Chairman  
 Timothy R. Fisher, CSP, CHMM, ARM, CPEA, Secretary  
 Jennie Dalesandro, Administrative Technical Support

Organization Represented	Name of Representative
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Aegis Corporation	Michael Serpe, CSP
Alstom Power	Matthew J. Burkart, P.E.
American Insurance Services Group	Judith Burkart
ASCE - Construction Institute Committee	Robert Renney
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Asbestos Workers International Union	Harlan Fair, P.E.
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Association of Union Constructors, The	A. David Brayton, CSP, CPC
A-Z Safety Resources, Inc.	Michele Myers
Barton-Malow Company	Dennis W. Eckstine
Black & Veatch	Terry Lynch
Building & Construction Trades Department	Jim E. Lapping, MS, P.E., CSP
CPWR - Center for Construction Research & Training	Michael W. Hayslip, Esq., P.E., CSP
Capital Safety Group	Chris Williams
Clark Construction Group	Charlie Bird
Cole-Preferred Safety Consulting, Inc.	Kevin Cannon
Philip L. Colleran	William Treharne, P.E.
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ECI Safety Services Co.	Jane F. Williams, CPEA, CCA
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	Scott C. Casebolt
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Ellis Fall Safety Solutions	J. Nigel Ellis, Ph.D., P.E., CSP, CPE
Gilbane Building Co.	John Whitty, P.E.
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MYR Group, Inc.	Eileen Betit
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National Society of Professional Engineers	Timothy Bergeron, CSP
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Daniel M. Paine	Eric Uttenreither
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Powder Actuated Tool Manufacturer's Institute	Dennis Langley
Power Consultants, Incorporated	Robert Matuga
	Marcus Odorizzi
	Lewis Barbe, P.E., CSP, CRSP
	Michael J. Johnston
	Jerry Rivera
	Thomas G. Bobick, Ph.D., P.E., CSP, CPE
	Matt Gillen, CIH
	Jeffrey D. Meddin, CSP, CHCM
	Harry Dietz
	Tom Shanahan
	E. Ross Curtis, P.E., DFE
	Paul Swanson, P.E.
	Gerald Ryan
	Daniel M. Paine
	Barbara Paine
	Robert E. Clouse, CSP, CHST
	Frank Massey
	James A. Borchers
	David Jablonski
	David Goldsmith
	Camille Villanova



Professional Safety Consultants, Inc.	Jim E. Lapping, MS, P.E., CSP Anthony Brown
Property Casualty Insurers Association of America	John Rabovsky, MS, CSP, ARM Daniel Lavoie, CSP
Ryland Group, Inc., The Scaffolding, Shoring & Forming Institute Shafer Safety Solutions, LLC Sheet Metal & Air Conditioning Contractors' National Association	Bob Masterson, CSP Chris Johnson Carmen Shafer, CSP, CHST, CRIS
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United Association of Plumbers and Pipefitters	Cindy L. DePrater, ALCM Paul Huntley
United Brotherhood of Carpenters and Joiners of America	Laurie Shadrick Eric Packard
United Union of Roofers, Waterproofers and Allied Workers	William Irwin Thomas L. Kavicky
U.S. Department of the Army – Corps of Engineers	John Barnhard Brian Becker
U.S. Department of Energy	Ellen B. Stewart, CSP Patrick Finn, P.E.
West Virginia University Extension Service	Leslie Bermudez Brandon Takacs
Winchester Homes Inc.	Mark Fullen, Ed.D., CSP Thomas Trauger
ZBD Constructors (Zurn Industries)	Larry Freiert Greg Thompson, CSP Jeffrey D. Meddin, CSP, CHCM

**Independent Expert(s) on the A10 Committee:**

Francis A. Dougherty with the U.S. Department of Labor – OSHA

**Subgroup A10.20 had the following members:**

Lewis C. Barbe, P.E., CSP, CRSP (Chairman)  
Michael Serpe (Liaison)  
Timothy Bergeron, CSP  
Thomas G. Bobick, Ph.D., P.E., CSP, CPE  
Frank Burg  
Noah Chitty  
Ray Gunther, Ph.D.  
George Hardy  
David MacCollum  
John Neil  
Frank Perino

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## AMERICAN NATIONAL STANDARD A10.20 SAFE PRACTICES FOR TILE, TERRAZZO, AND MARBLE WORK

### 1. GENERAL

**1.1 Scope.** This standard establishes safety requirements for construction operations and equipment used in the handling and installation of ceramic tile, terrazzo and marble. The types of construction are not listed. The standard is intended to apply to buildings of all kinds and to heavy construction, such as work in tunnels.

**1.2 Purpose.** The purpose of this standard is to establish safety requirements and practices for construction, operation and equipment involved in the handling and installation of ceramic tile, terrazzo and marble.

**1.3 Modifications and Exemptions.** In cases of practical difficulties, unnecessary hardships, or new developments, exceptions to the literal requirements may be stranded by the enforcing authority to permit the use of other devices or methods, but only when it is clearly indicated that the equivalent protection is thereby secured.

**1.4 Application.** This standard is intended as a guide in the promulgation of regulatory safety codes; it is not intended to supersede applicable federal, states or municipal laws, rules and regulations.

**1.5 References.** For other construction and demolition standards, please refer to the other A10 Construction and Demolition standards.

**1.6 Housekeeping.** In the course of installations during construction, alteration or repairs, form and scrap lumber and all other debris shall be kept cleared from work areas, passageways and stairs in and around buildings or other structures. Material storage areas and walkways on the construction site shall be maintained free of

dangerous depressions, obstructions and debris. Housekeeping depends on the brooms and tools needed for its performance, and these shall be available.

**1.7 Removal of Debris.** Piles of combustible/flammable scrap and accumulated debris shall be removed promptly during the course of construction. Adequate means shall be provided to expedite such removal.

**1.8 Installation Areas – Illumination.** Working areas, stairways, aisles, passageways, workbenches and machines shall be provided with either natural or artificial illumination that is suitable to secure the safety of employees. The minimum illumination shall be 20-foot candles.

### 2. REFERENCES

For other construction and demolition standards, please refer to the other ANSI/ASSE A10 Construction and Demolition standards.

### 3. DEFINITIONS

In this standard the following definitions shall apply:

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

**3.2 Equivalent.** An alternate design, feature, device or protective action that provides an equal or greater degree of safety.