



# AMERICAN NATIONAL STANDARD

*ANSI/ASSE A10.20 – 2006 (R2016)*  
*Safe Operating Practices for*  
*Tile, Terrazzo and Marble Work*

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

ANSI/ASSE A10.20 – 2006 (R2016)



AMERICAN SOCIETY OF  
SAFETY ENGINEERS

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**ANSI/ASSE A10.20 – 2006 (R2016)**

**American National Standard  
Construction and Demolition Operations**

**Safe Operating Practices for  
Tile, Terrazzo and Marble Work**

Secretariat

**American Society of Safety Engineers**  
520 N. Northwest Highway  
Park Ridge, Illinois 60068

**Approved September 26, 2016**

**American National Standards Institute, Inc.**

## **American National Standard**

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**Foreword** (This Foreword is not a part of American National Standard A10.20-2006 (R2016).)

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.

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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.

**3.3 Factor of Safety (Safety Factor).** The ratio of structural ultimate or yield