



# AMERICAN NATIONAL STANDARD

*ANSI/ASSE A10.15 – 1995 (R2011)*  
*Safety Requirements*  
*for Dredging*

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

*ANSI/ASSE A10.15 – 1995 (R2011)*



AMERICAN SOCIETY OF  
SAFETY ENGINEERS

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**ANSI/ASSE A10.15 – 1995 (R2011)**

**American National Standard**  
**Construction and Demolition Operations**  
**Safety Requirements for Dredging**

Secretariat

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

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**American National Standards Institute, Inc.**

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**Foreword** (This Foreword is not a part of American National Standard A10.15-1995 (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 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.*

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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.

*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 this standard was approved, the A10 Committee had the following members:

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## AMERICAN NATIONAL STANDARD A10.15 SAFETY REQUIREMENTS FOR DREDGING

### 1. GENERAL

**1.1 Scope.** This standard applies to construction dredging operations.

**1.2 Purpose.** This standard contains performance requirements in the safe and healthful process of conducting dredging operations:

1. For the preservation of life, limb, and property;
2. To provide direction to employers, supervisors and others concerned with, or responsible for, its application; and
3. To assist governments and other regulatory bodies in the development, promulgation and enforcement of appropriate safety directives.

**1.3 Exceptions.** This standard does not apply to the following:

1. Oil rigs-petroleum and chemical industry.
2. Deepwater mining and dredging on the outer continental shelf.
3. Fishing operations, including shell fishing.
4. Earthmoving equipment that is not on or part of a vessel.
5. Metallic and nonmetallic mining and sand and gravel operations.
6. Mining of clam or reef shells or both.

**1.4 Application.** This standard applies to dredging operations in connection with activities such as flood control, harbor maintenance, etc.

### 2. REFERENCED AND RELATED STANDARDS

**2.1 Referenced American National Standards.** This standard is intended, where applicable, for use in conjunction with the following American National Standards. When these referenced standards are superseded by a revision approved by the American National Standards Institute, Inc., the revision shall apply.

ANSI/ASSE A10.8, *Safety Requirements for Scaffolding*

ANSI/ASSE A10.18, *Temporary Floor Holes, Wall Openings, Stairways and Other Unprotected Edges*

ANSI/ASSE A10.31, *Digger Derricks*

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

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

ANSI/ALI A14.1, *Ladders-Portable Wood-Safety Requirements*

ANSI/ALI A14.2, *Ladders-Portable Metal-Safety Requirements*

ANSI/ALI A14.4, *Job-Made Wooden Ladders-Safety Requirements*

ANSI/ALI A14.5, *Ladders-Portable Reinforced Plastic-Safety Requirements*

ANSI B7.1, *Safety Requirements for the Use, Care and Protection of Abrasive Wheels*

ANSI/ASME B30.16, *Overhead Hoists (Underhung)*