ANSI/ASSP A10.15-1995 (R2017)

Safety Requirements for Dredging

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AMERICAN SOCIETY OF
SAFETY PROFESSIONALS

Approved American National Standard
ANSI

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ANSI/ASSE A10.15 – 1995 (R2017)

American National Standard
Construction and Demolition Operations

Safety Requirements for Dredging

Secretariat

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

Approved June 15, 2017

American National Standards Institute, Inc.

American National Standard

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Foreword (This Foreword is not a part of American National Standard A10.15-1995 (R2017).)

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.

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.

Approval: Neither the A10 Committee nor American National Standards Institute (ANSI) approves, certifies, rates or endorses any item, construction, proprietary device or activity.

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.

Checklists: Checklists included in A10 standards may be copied and used in non-commercial settings only.

Committee Meetings: The A10 Committee meets twice per 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 ANSI approved this standard, the A10 Committee had the following members:

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Luke Humphrey (Liaison)
Nick Danos
Brian Gustine
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Contents

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 appli-cation; and
3. To assist governments and other regulatory bodies in the development, promulgation and enforcement of appro-priate safety directives.

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

1. Oil rigs-petroleum and chem-ical industry.
2. Deepwater mining and dredg-ing 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 oper-ations.
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 Rein-forced Plastic-Safety Requirements*

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

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