



# AMERICAN NATIONAL STANDARD

*ANSI/ASSE A10.10 – 2014*  
*Safety Requirements for Temporary and*  
*Portable Space Heating Devices*

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

ANSI/ASSE A10.10 – 2014



AMERICAN SOCIETY OF  
SAFETY ENGINEERS

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**ANSI®**  
**ANSI/ASSE A10.10 – 2014**

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

**Safety Requirements for Temporary and**  
**Portable Space Heating Devices**

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 A10.10-2014.)

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
- 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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*No one but the A10 Committee (through the A10 Secretariat) is authorized to provide any interpretation of this standard.*

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## AMERICAN NATIONAL STANDARD A10.10 SAFETY REQUIREMENTS FOR TEMPORARY AND PORTABLE SPACE HEATING DEVICES

### 1. GENERAL

**1.1 Scope.** This standard provides minimum safety requirements for the selection, installation, operation and maintenance of space heating devices and equipment of temporary and portable design. It covers the heater unit and its integral parts through to their connection for fuel, but does not cover separate supply tanks or valving.

**1.2 Purpose.** The purpose of this standard is to furnish guidance for the selection, installation, operation and maintenance of temporary and portable space heating devices and equipment used in construction operations in order to protect against personal injury and property damage.

### 2. REFERENCES

**2.1 American National Standards.** When the following standards are superseded by a revision approved by the American National Standards Institute, the revision shall apply.

ANSI/NFPA 31, *Standard for the Installation of Oil Burning Equipment*

ANSI/NFPA 58, *Liquefied Petroleum Gas Code*

ANSI/NFPA 70, *National Electrical Code*

ANSI/NFPA 241, *Standard for Safeguarding Construction, Alteration, and Demolition Operations*

ANSI/ASSE A10.26, *Emergency Procedures for Construction Sites*

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 Z83.4, *Non-Recirculating Direct Gas-Fired Industrial Air Heaters*

ANSI Z83.7, *Gas-Fired Construction Heaters*

ANSI Z83.8, *Gas Unit Heaters, Gas Packaged Heaters, Gas Utility Heaters and Gas-Fired Duct Furnaces*

ANSI Z83.19, *Gas-Fired High-Intensity Infrared Heaters*

ANSI Z223.1/NFPA 54, *National Fuel Gas Code*

### 2.2 Other References.

*Threshold Limit Values (TLVs®) for Chemical Substances and Physical Agents and Biological Exposure Indices (BEIs®)*

American Conference of Governmental Industrial Hygienists, 1330 Kemper Meadow Drive, Cincinnati, Ohio 45240.

### 3. DEFINITIONS

In this standard the following definitions shall apply:

**3.1 Approved.** Accepted as satisfactory by a duly constituted administrative or regulatory authority.