The information and materials contained in this publication have been developed from sources believed to be reliable. However, the American Society of Safety Engineers (ASSE) as secretariat of the ANSI accredited A10 Committee or individual committee members accept no legal responsibility for the correctness or completeness of this material or its application to specific factual situations. By publication of this standard, ASSE or the A10 Committee does not ensure that adherence to these recommendations will protect the safety or health of any persons, or preserve property.
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

Approved June 23, 2014

American National Standards Institute, Inc.
Approval of an American National Standard requires verification by ANSI that the requirements for due process, consensus, and other criteria for approval have been met by the standards developer. Consensus is established when, in the judgment of the ANSI Board of Standards Review, substantial agreement has been reached by directly and materially affected interests. Substantial agreement means much more than a simple majority, but not necessarily unanimity. Consensus requires that all views and objections be considered, and that a concerted effort be made toward their resolution. The use of American National Standards is completely voluntary; their existence does not in any respect preclude anyone, whether he/she has approved the standards or not, from manufacturing, marketing, purchasing, or using products, processes, or procedures not conforming to the standards. The American National Standards Institute does not develop standards and will in no circumstance give an interpretation of any American National Standard. Moreover, no person shall have the right or authority to issue an interpretation of an American National Standard in the name of the American National Standards Institute. Requests for interpretation should be addressed to the secretariat or sponsor whose name appears on the title page of this standard.

Caution Notice: This American National Standard may be revised or withdrawn at any time. The procedures of the American National Standards Institute require that action be taken periodically to reaffirm, revise, or withdraw this standard. Purchasers of American National Standards may receive current information on all standards by calling or writing the American National Standards Institute.
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.

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:
Richard King, CSP, Chair
James Tomaseski, Vice Chair
Timothy R. Fisher, CSP, CHMM, ARM, CPEA, Secretary
Jennie Dalesandro, Administrative Technical Support

<table>
<thead>
<tr>
<th>Organization Represented</th>
<th>Name of Representative</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accident Prevention Corporation</td>
<td>Frank Burg, CSP, P.E.</td>
</tr>
<tr>
<td></td>
<td>Terry Krug, CSP, CIH</td>
</tr>
<tr>
<td>Alstom Power</td>
<td>Robert Renney</td>
</tr>
<tr>
<td></td>
<td>Ted P. Sharp</td>
</tr>
<tr>
<td>American Insurance Services Group</td>
<td>Thad Nosal</td>
</tr>
<tr>
<td>ASCE - Construction Institute Committee</td>
<td>James G. Borchartd, CSP, CPE, CRIS</td>
</tr>
<tr>
<td>American Society of Safety Engineers</td>
<td>William R. Nash, P.E.</td>
</tr>
<tr>
<td>American Wind Energy Association</td>
<td>Harlan Fair, P.E.</td>
</tr>
<tr>
<td>American Work Platform Training, Inc.</td>
<td>Ken Shorter, CSP, ARM, TCDS</td>
</tr>
<tr>
<td>Associated Builders and Contractors, Inc.</td>
<td>A. David Brayton, CSP, CPC</td>
</tr>
<tr>
<td>Associated General Contractors of America, The</td>
<td>Michele Myers Mihelic</td>
</tr>
<tr>
<td>Association of Union Constructors, The</td>
<td>Dennis W. Eckstine</td>
</tr>
<tr>
<td>A-Z Safety Resources, Inc.</td>
<td>Ralph Riley</td>
</tr>
<tr>
<td>Barton-Malow Company</td>
<td>Chris Williams</td>
</tr>
<tr>
<td>Black &amp; Veatch</td>
<td>Michael McCaffrey</td>
</tr>
<tr>
<td>Building &amp; Construction Trades Department</td>
<td>Kevin Cannon</td>
</tr>
<tr>
<td>CPWR - Center for Construction Research &amp; Training</td>
<td>Wayne Creasap, II</td>
</tr>
<tr>
<td>Capital Safety Group</td>
<td>Rusty Brown, CSP</td>
</tr>
<tr>
<td>Clark Construction Group</td>
<td>Jane F. Williams, CPE, CCA</td>
</tr>
<tr>
<td>Cole-Preferred Safety Consulting, Inc.</td>
<td>Clayton Shafer</td>
</tr>
<tr>
<td>Construction &amp; Realty Safety Group, Inc.</td>
<td>Jeffrey Oliver</td>
</tr>
<tr>
<td>ECI Safety Services Co.</td>
<td>Richard F. King, CSP</td>
</tr>
<tr>
<td>Edison Electric Institute</td>
<td>John H. Johnson, CSP</td>
</tr>
<tr>
<td>E. I. DuPont de Nemours &amp; Company</td>
<td>Pete Stafford</td>
</tr>
<tr>
<td>Elevator Industry Preservation Fund</td>
<td>Jim Platner, Ph.D., CIH</td>
</tr>
<tr>
<td>Ellis Fall Safety Solutions</td>
<td>Bruce Lippy, Ph.D., CIH, CSP</td>
</tr>
<tr>
<td>Engineering Systems, Inc.</td>
<td>Chris Trahan, CIH</td>
</tr>
<tr>
<td>Capital Safety Group</td>
<td>Scott C. Casebolt</td>
</tr>
<tr>
<td>Clark Construction Group</td>
<td>J. Thomas Wolner, P.E.</td>
</tr>
<tr>
<td>Cole-Preferred Safety Consulting, Inc.</td>
<td>Kurt Dunmire, CSP, CHST</td>
</tr>
<tr>
<td>Construction &amp; Realty Safety Group, Inc.</td>
<td>Jamie Kaiser</td>
</tr>
<tr>
<td>ECI Safety Services Co.</td>
<td>Barry Cole</td>
</tr>
<tr>
<td>Edison Electric Institute</td>
<td>Philip L. Colleran, CSP</td>
</tr>
<tr>
<td>E. I. DuPont de Nemours &amp; Company</td>
<td>Ron Lattanzio</td>
</tr>
<tr>
<td>Elevator Industry Preservation Fund</td>
<td>Frank Marino</td>
</tr>
<tr>
<td>Ellis Fall Safety Solutions</td>
<td>Anthony Merisola</td>
</tr>
<tr>
<td>Engineering Systems, Inc.</td>
<td>Patrick Brennan, CSHM, CSSM</td>
</tr>
<tr>
<td>Ellis Fall Safety Solutions</td>
<td>R. Lee Reed, Jr.</td>
</tr>
<tr>
<td>Engineering Systems, Inc.</td>
<td>Charles Kelly</td>
</tr>
<tr>
<td>E. I. DuPont de Nemours &amp; Company</td>
<td>E. Martin Kris</td>
</tr>
<tr>
<td>Elevator Industry Preservation Fund</td>
<td>Garry Kosinski</td>
</tr>
<tr>
<td>Ellis Fall Safety Solutions</td>
<td>Michael D. Morand</td>
</tr>
<tr>
<td>Engineering Systems, Inc.</td>
<td>J. Nigel Ellis, Ph.D., P.E., CSP, CPE</td>
</tr>
<tr>
<td>Ellis Fall Safety Solutions</td>
<td>John Whitty, P.E.</td>
</tr>
<tr>
<td>Engineering Systems, Inc.</td>
<td>David Ahearn, P.E.</td>
</tr>
<tr>
<td>Ellis Fall Safety Solutions</td>
<td>Dennis Brickman, P.E.</td>
</tr>
<tr>
<td>Engineering Systems, Inc.</td>
<td>Anthony O’Dea, CSP, CHST</td>
</tr>
<tr>
<td>Ellis Fall Safety Solutions</td>
<td>Charles Praul, Jr., CSP</td>
</tr>
<tr>
<td>Name</td>
<td>Organization/Position</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Richard D. Hislop</td>
<td>Richard Hislop</td>
</tr>
<tr>
<td>Shawn Bradfield</td>
<td></td>
</tr>
<tr>
<td>Independent Electrical Contractors, Inc.</td>
<td>John P. Masarick</td>
</tr>
<tr>
<td>Bob Bair</td>
<td></td>
</tr>
<tr>
<td>Institute of Makers of Explosives</td>
<td>Ronald Thomas</td>
</tr>
<tr>
<td>Susan JP Flanagan</td>
<td></td>
</tr>
<tr>
<td>Insulators International Union</td>
<td>Terry Lynch</td>
</tr>
<tr>
<td>Jim E. Lapping, MS, P.E., CSP</td>
<td></td>
</tr>
<tr>
<td>International Association of Bridge, Structural, Ornamental and</td>
<td>Steven Rank</td>
</tr>
<tr>
<td>Reinforcing Iron Workers</td>
<td></td>
</tr>
<tr>
<td>International Brotherhood of Boilermakers</td>
<td>Robert Migliaccio, Sr.</td>
</tr>
<tr>
<td>International Brotherhood of Electrical Workers</td>
<td>Bridget Connors</td>
</tr>
<tr>
<td>International Brotherhood of Teamsters</td>
<td>James Tomaseski</td>
</tr>
<tr>
<td>LaMont Byrd, CIH</td>
<td></td>
</tr>
<tr>
<td>International Safety Equipment Association</td>
<td>Julie Plavka, CIH</td>
</tr>
<tr>
<td>International Union of Bricklayers &amp; Allied Craftworkers</td>
<td></td>
</tr>
<tr>
<td>International Union of Operating Engineers</td>
<td>Barbara McCabe</td>
</tr>
<tr>
<td>Steve Brown</td>
<td></td>
</tr>
<tr>
<td>Jack L. Mickle &amp; Associates</td>
<td>Jack Mickle, Ph.D., P.E.</td>
</tr>
<tr>
<td>Steve Stock, P.E., PLS</td>
<td></td>
</tr>
<tr>
<td>Laborers’ International Union of North America</td>
<td>Scott Schneider, MS, CIH</td>
</tr>
<tr>
<td>Walter A. Jones, MS, CIH</td>
<td></td>
</tr>
<tr>
<td>Lamar Advertising</td>
<td>Chuck Wigger, CSP</td>
</tr>
<tr>
<td>Micky Vint</td>
<td></td>
</tr>
<tr>
<td>Lend Lease</td>
<td>Joel C. Pickering, CET, CHMM</td>
</tr>
<tr>
<td>Michael Lentz</td>
<td></td>
</tr>
<tr>
<td>Marsh USA, Inc.</td>
<td>Timothy Bergeron, CSP</td>
</tr>
<tr>
<td>Maryland Occupational Safety &amp; Health</td>
<td>Mischelle Vanreusel</td>
</tr>
<tr>
<td>Mechanical Contractors Association of America</td>
<td>Eric Uttenreither</td>
</tr>
<tr>
<td>National Association of Home Builders</td>
<td>Peter Chaney, MS, CSP</td>
</tr>
<tr>
<td>Robert Matuga</td>
<td>Dennis Langley</td>
</tr>
<tr>
<td>Chelsea Vetick</td>
<td></td>
</tr>
<tr>
<td>National Association of Railroad Safety Consultants &amp; Investigators</td>
<td>Lewis Barbe, P.E., CSP, CRSP</td>
</tr>
<tr>
<td>National Electrical Contractors Association</td>
<td>Michael J. Johnston</td>
</tr>
<tr>
<td>Wesley Wheeler</td>
<td></td>
</tr>
<tr>
<td>National Institute for Occupational Safety &amp; Health</td>
<td>Thomas G. Bobick, Ph.D., P.E., CSP, CPE</td>
</tr>
<tr>
<td>Matt Gillen, CIH</td>
<td></td>
</tr>
<tr>
<td>National Railroad Contractors &amp; Maintenance Association</td>
<td>Jeffrey D. Meddin, CSP, CHEP, CHCM</td>
</tr>
<tr>
<td>National Roofing Contractors Association</td>
<td>Harry Dietz</td>
</tr>
<tr>
<td>Tom Shanahan</td>
<td></td>
</tr>
<tr>
<td>National Society of Professional Engineers</td>
<td>E. Ross Curtis, P.E., DFE</td>
</tr>
<tr>
<td>Paul Swanson, P.E.</td>
<td></td>
</tr>
<tr>
<td>Operative Plasterers and Cement Masons International Association</td>
<td>Deven Johnson</td>
</tr>
<tr>
<td>Daniel M. Paine</td>
<td>Daniel M. Paine</td>
</tr>
<tr>
<td>Barbara Paine</td>
<td></td>
</tr>
<tr>
<td>Phoenix Fabricators and Erectors, Inc.</td>
<td>Robert E. Clouse, CSP, CHST</td>
</tr>
<tr>
<td>Donald Hendrix, CHST</td>
<td></td>
</tr>
<tr>
<td>Powder Actuated Tool Manufacturer’s Institute</td>
<td>James A. Borchers</td>
</tr>
<tr>
<td>David Jablonski</td>
<td></td>
</tr>
</tbody>
</table>
Power Consultants, Incorporated  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, ARM

Ryland Group, Inc., The Bob Masterson, CSP

Scaffolding, Shoring & Forming Institute Chris Johnson
Carmen Shafer, CSP, CHST, CRIS

Shafer Safety Solutions, LLC

Sheet Metal & Air Conditioning Contractors’ National Association Mike McCullion, CSP, ARM
Joe Visgaitis

Sheet Metal Workers International Association Randall Krocka
Charles Austin, MS

SPA, Incorporated Stanley Pulz, CSP, P.E.

Turner Construction Company Cindy L. DePrater, ALCM
Paul Huntley
Bruce Dantley

United Association of Plumbers and Pipefitters Laurie Shadrick
Bruce Dantley

United Brotherhood of Carpenters and Joiners of America William Irwin
Tom L. Kavicky

United Union of Roofers, Waterproofers and Allied Workers John Barnhard
Brian Becker, MS
Ellen B. Stewart, CSP

U.S. Department of the Army – Corps of Engineers Leslie Bermudez
Joseph Hopkins

U.S. Department of Energy Brandon Takacs, CSHM

West Virginia University Extension Service Mark Fullen, Ed.D., CSP
Thomas Trauger

Winchester Homes Inc. Larry Freiert

ZBD Constructors (Zurn Industries) Greg Thompson, CSP
Jeffrey D. Meddin, CSP, CHEP, CHCM

Independent Experts & Observers:

Balfour Beatty Construction, LLC Charles Bird
Fluor Corporation Michael Weatherred, CSP
Craig Clairmont, CIH

Par Electrical Contractors Steven T. Theis
Lee Boulanger

Safety Environmental Engineering, Inc. Matthew Murphy
Elliot Niefeld

Subgroup A10.10 had the following members:

Lewis Barbe, P.E., CSP, CRSP (Chair) Anthony O’Dea, CSP, CHST
Mark Klimbal, CSP, ARM (Liaison) Michael Serpe, CSP
Thomas G. Bobick, Ph.D., P.E., CSP, CPE Michael Weatherred, CSP
Frank Burg, CSP, P.E. Chris Williams
Frank Floyd, Jr.

John P. Masarick
## Contents

<table>
<thead>
<tr>
<th>SECTION</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. General</td>
<td>11</td>
</tr>
<tr>
<td>1.1 Scope</td>
<td>11</td>
</tr>
<tr>
<td>1.2 Purpose</td>
<td>11</td>
</tr>
<tr>
<td>2. References</td>
<td>11</td>
</tr>
<tr>
<td>2.1 American National Standards</td>
<td>11</td>
</tr>
<tr>
<td>2.2 Other References</td>
<td>11</td>
</tr>
<tr>
<td>3. Definitions</td>
<td>11</td>
</tr>
<tr>
<td>4. General Requirements</td>
<td>13</td>
</tr>
<tr>
<td>4.1 Approvals</td>
<td>13</td>
</tr>
<tr>
<td>4.2 Data Plates</td>
<td>13</td>
</tr>
<tr>
<td>4.3 Clearances</td>
<td>13</td>
</tr>
<tr>
<td>4.4 Ventilation</td>
<td>14</td>
</tr>
<tr>
<td>4.5 Fuel Type and Input Pressure</td>
<td>14</td>
</tr>
<tr>
<td>4.6 Lighting, Extinguishing and Relighting</td>
<td>14</td>
</tr>
<tr>
<td>4.7 Electrical Power Supply Characteristics</td>
<td>14</td>
</tr>
<tr>
<td>4.8 Location, Moving and Handling</td>
<td>14</td>
</tr>
<tr>
<td>4.9 Alteration and Refurbishing of Equipment</td>
<td>14</td>
</tr>
<tr>
<td>4.10 Stability</td>
<td>15</td>
</tr>
<tr>
<td>4.11 Storage and Maintenance</td>
<td>15</td>
</tr>
<tr>
<td>4.12 Weather Protection</td>
<td>15</td>
</tr>
<tr>
<td>4.13 Testing Equipment</td>
<td>15</td>
</tr>
<tr>
<td>4.14 Assembly and Operating Instructions</td>
<td>15</td>
</tr>
<tr>
<td>5. Requirements for Solid Fuel Heaters</td>
<td>15</td>
</tr>
<tr>
<td>5.1 General</td>
<td>15</td>
</tr>
<tr>
<td>5.2 Assembly</td>
<td>16</td>
</tr>
<tr>
<td>5.3 Operation</td>
<td>16</td>
</tr>
<tr>
<td>5.4 Fueling</td>
<td>16</td>
</tr>
<tr>
<td>5.5 Maintenance</td>
<td>16</td>
</tr>
<tr>
<td>6. Requirements for Liquid Fuel Heaters</td>
<td>17</td>
</tr>
<tr>
<td>6.1 General</td>
<td>17</td>
</tr>
<tr>
<td>6.2 Assembly</td>
<td>17</td>
</tr>
<tr>
<td>6.3 Operation</td>
<td>17</td>
</tr>
<tr>
<td>6.4 Fueling</td>
<td>17</td>
</tr>
<tr>
<td>6.5 Maintenance</td>
<td>18</td>
</tr>
<tr>
<td>6.6 Fan-Assisted Units</td>
<td>18</td>
</tr>
<tr>
<td>7. Requirements for Natural Gas Heaters</td>
<td>18</td>
</tr>
<tr>
<td>7.1 General</td>
<td>18</td>
</tr>
<tr>
<td>7.2 Assembly</td>
<td>19</td>
</tr>
<tr>
<td>7.3 Operation</td>
<td>19</td>
</tr>
<tr>
<td>7.4 Fueling</td>
<td>20</td>
</tr>
<tr>
<td>7.5 Maintenance</td>
<td>20</td>
</tr>
<tr>
<td>7.6 Fan-Assisted Units</td>
<td>20</td>
</tr>
</tbody>
</table>
8. Requirements for Liquefied Petroleum Gas Heaters (LPG) .............. 21
   8.1 General ................................................................................. 21
   8.2 Assembly ............................................................................. 21
   8.3 Operation ............................................................................. 21
   8.4 Fueling ............................................................................... 22
   8.5 Maintenance ....................................................................... 23
   8.6 Fan-Assisted Units ............................................................... 23

9. Requirements for Electric Heaters .................................................. 24
   9.1 General ............................................................................... 24
   9.2 Assembly ............................................................................. 24
   9.3 Operation ............................................................................. 24
   9.4 Maintenance ....................................................................... 24

10. Material Handling ........................................................................ 24
    10.1 Hooks and Slings ............................................................... 24
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 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.