

# ANSI/ASSP A10.24-2022

Roofing – Safety Requirements for Low-Sloped Roofs



AMERICAN SOCIETY OF  
**SAFETY PROFESSIONALS**



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**ANSI/ASSP A10.24 – 2022**

**American National Standard  
Construction and Demolition Operations**

**Roofing – Safety Requirements for Low-Sloped Roofs**

Secretariat

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

**Approved April 12, 2022**

**American National Standards Institute**

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## **Foreword** (This Foreword is not a part of American National Standard A10.24-2022.)

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 and technical materials in the A10 series for Safety Requirements in Construction and Demolition Operations follows.

A10.0	The Construction and Demolition Compendium of Standards
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	Use, Storage, Handling and Site Movement of Commercial Explosives and Blasting Agents
A10.8	Scaffolding
A10.9	Concrete and Masonry Construction
A10.11	Personnel Nets
A10.12	Excavation
A10.13	Steel Erection
A10.15	Dredging
A10.16	Tunnels, Shafts and Caissons
A10.18	Temporary Roof and Floor Holes, Wall Openings, Stairways and Other Unprotected Edges
A10.19	Pile Installation and Extraction Operations
A10.21	Safe Construction and Demolition of Wind Generation/Turbine Facilities
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
A10.28	Work Platforms Suspended from Cranes or Derricks
A10.29	Pre-Planning, Installation, Inspection and Use of Fall Protection for Construction and Demolition (under development)
A10.30	Installation of Anchors and Micropiles
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
A10.35	Pressure Testing of Steel and Copper Piping Systems
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
A10.50	Heat Stress Management in Construction and Demolition Operations (under development)
A10.100	Prevention through Design in Construction
A10.101	Drones in Construction (under development)

- A10.102 Emerging Technology in Construction (under development)
- A10.103 Lagging and Leading Indicators Used in Construction (under development)
- A10.104 Pandemics and Infectious Diseases on Construction and Demolition Sites (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.

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# AMERICAN NATIONAL STANDARD A10.24 ROOFING – SAFETY REQUIREMENTS FOR LOW-SLOPED ROOFS

## 1. General

### 1.1 Scope

This standard establishes safe operating practices for the installation, maintenance and removal of all roofing systems on low-sloped roofs, which means the roof has a slope that is less than or equal to 4 in 12 (18°).

*NOTE: This standard does not apply to roofs with slopes greater than 4 in 12 (18°). The materials that are normally installed on such roofs are composition or wood shingles, slate and tile products.*

### 1.2 Application

The requirements of this standard apply to all situations encountered in the installation, inspection, maintenance, repair and removal of low-sloped roofing systems and materials.

### 1.3 Exceptions

In cases of practical difficulties, unnecessary hardships or new developments, the authority having jurisdiction may grant exceptions to the literal requirements of this standard or permit the use of other devices or methods, but only when it is clearly evident that an equivalent degree of protection is thereby secured.

## 2. Related Standards and References

### 2.1 Related American National Standards

The following ANSI standards are incorporated into in this document. All provisions of the following standards that are applicable to low-sloped roofing shall be observed. When the following American National Standards are superseded by a revision approved by the American National Standards Institute, Inc., the revision shall apply.

ANSI/ASC A14.1, *Safety Requirements for Portable Wooden Ladders*

ANSI/ASC A14.2, *Safety Requirements for Portable Metal Ladders*

ANSI/ASC A14.3, *Safety Requirements for Fixed Ladders*

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

ANSI/ASC A14.5, *Safety Requirements for Portable Reinforced Plastic Ladders*

ANSI/ASSP A10.3, *Safety Requirements for Powder-Actuated Fastening Systems*

ANSI/ASSP A10.8, *Scaffolding Safety Requirements*

ANSI/ASSP A10.11, *Personnel and Debris Nets*

ANSI/ASSP A10.18, *Safety Requirements for Temporary Floors, Holes, Wall Openings, Stairways and Other Unprotected Edges in Construction and Demolition Operations*

ANSI/ASSP A10.25, *Sanitation in Construction*

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

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

ANSI/ASSP A10.34, *Public Protection*