



Menu



Contents

Foreword

ANSI/AWI SMA 0643-2021



Foreword

(This foreword is not a part of American National Standard AWI SMA 0643 - Wood Stair, Handrail, and Guard Systems)

The ANSI/AWI SMA 0643 Wood Stair, Handrail, and Guard Systems Standard is intended to provide comprehensive guidelines for wood stairs, handrail, and guard systems.

This standard encompasses a variety of wood stair, handrail, and guard systems and establishes structural and aesthetic tolerances, ensuring that the final product is of the utmost quality with regards to visual appeal and structural integrity.

This standard is intended for use by individuals and organizations from all aspects of the wood stair industry, including architects, design professionals, stairbuilders, manufacturer/suppliers, contractors, installers, and end users. Individuals within the industry will use this standard to maintain a high degree of control over the aesthetic quality and the structural integrity of their work, ensuring that potential differentiations in the workmanship and implementation of projects are made uniform.

This standard is meant to function in harmony with all current AWI Standards and is not meant to stand alone.

Effective August 15, 2021, this standard succeeds, replaces, and supplants Section 7 of the Architectural Woodwork Standards, Ed. 2 (2014) as the most current version of the AWI Standard for Wood Stair, Handrail, and Guard Systems.

Suggestions for the improvement of this standard will be welcome. Suggestions should be sent to:

Stairbuilders and Manufacturers Association

P.O. Box 448

Dalton, OH 44618

(877) 500-5759

standards@stairways.org

www.stairways.org

AWI Standards Development:

Doug Hague, Executive Vice President

Hunter Morrison, Technical Director

Cheryl Dermyre, Technical Projects Manager

Rex Chappell, Testing Specialist

Jairus Whitley, Graphic Designer

This standard was processed and approved for submittal to ANSI by the SMA Quality Standards Committee and the AWI Technical Committee. Committee approval of the standard does not necessarily imply that all committee members voted for its approval. At the time it approved this standard, the ANSI/AWI SMA 0643 Committees had the following members:

SMA Quality Standards Committee:

Douglas Adams, Committee Chair - Florida Stairworks & Carpentry, LLC

Matthew Adams - Florida Stairworks & Carpentry, LLC

Brandon Barnes - Honorary Member

David Cooper - Stairbuilders and Manufacturers Association

Terra Erb - Stairbuilders and Manufacturers Association

Mitch Kolata - United Rockland Stairs

Delon Shetler - Heartland Stairways

Ed Trimner - Trimcraft of Ft Myers, Inc.

David Wynne - Lifetime Emeritus Member

AWI Technical Committee:

Greg Lutz, Committee Chair - Lutz Woodworks

Jordan Backs - Pittsburg State University

Cory Bittner - TMI Systems Corporation

Tyler Cerny - Strata Design

Randy Jensen - Leonard Peterson & Company, Inc.

Michael McNulty - Architectural Woodwork Institute (AWI)

William Munyan - R&M Group Architects

Greg Parham - AWI Quality Certification Corporation (QCC)

The following organizations, recognized as having an interest in the standardization of Wood Stairs, Handrail, and Guard Systems, were contacted prior to the approval of this standard. Inclusion in this list does not necessarily imply that the organization concurred with the submittal of the proposed standard to ANSI.

Arro Consulting
Bilger Railing and Stairs
Brandon Barnes
Compass Group Architecture LLC
Compliant Systems and Design, LLC
Coriolis Design, Inc.
Crown Stair
Dressen Construction
Fabián Díaz
Florida Stairworks & Carpentry, LLC
Grass Valley Stair
International Code Council
Jepsen Construction
King & Company
L.J. Smith
Leonard Peterson & Company, Inc.
Madison Area Technical College
Mississippi State University
National Wood Flooring Association
Parks and Sons, Inc.
Prosser Career Education Center
Sargent Mill Woodworking
Schutte Stair Company, Inc.
Simpson Gumpertz & Heger
Southern Pine Inspection Bureau
Spring Valley Millwork, Inc.
Stofft Cooney Architects
The Preview Group, Inc.
West Hartford Stairs & Cabinets Inc.
Young Manufacturing Co., Inc.

 **Introduction**

1.0 Purpose 

571-323-3636

info@awinet.org

Contact Us

About

Staff

Board

Advertising & Sponsorship

Member Directory

Education Foundation

Chapters

Sponsors



© 2021 Architectural Woodwork Institute. All rights reserved.