

ANSI O1.1-4 (2015)



Safety Requirements for Shapers

Secretariat
Wood Machinery Manufacturers of America[®]
(WMMA)[®]

Approved for Public Comment
American National Standards Institute, Inc.

**American National Standard O1.1-4
Safety Requirements for Shapers**

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Historical Perspective

The revision of the original Safety Code for Woodworking Machinery was approved in 1944. The Standards Committee was reorganized in 1952, and the scope of the standard was changed. A comprehensive revision of the section on cooperage machinery was completed and a new section dealing with radial-type saws was included. The resulting standard was issued in 1954 and reaffirmed in 1961. In 1969 the Standards Committee was again called and revised the 1954 (R1961) standard. The 1971 revision corrected and clarified several issues related to guarding and incorporated as a section of the standard an important head note in Section 6.1 of earlier versions of this standard.

The standard was again revised and issued in 1975. In 1979 an amendment was made to the 1975 edition. Subsequent updates were published in 1992, 2002, 2004, 2009 and 2013.

Prior to the 2004 edition, the committee adopted a resolution regarding the US Occupational Safety and Health Administration (OSHA). The resolution remains in agreement with this edition and is therefore reproduced here:

Resolved: As the standards developed by this committee are relevant to the health and safety of workers in the wood working industry, and as this committee is charged with developing such standards and recognized for its expertise in wood working industry safety and machinery, it is the intent and expectation of this committee that newly published versions of standards developed by this committee be adopted by the US Department of Labor as regulations under the United States Occupational Safety and Health Act.

The 2004 edition marked the beginning of a new process for the standard. Hereafter, the O1.1 standard will remain relatively static and new standards will be developed for specific machine within the scope of the O1.1 standard. Thus the O1.1 standard is considered an “umbrella” under which subsequent standards are developed. As a continuation of that process, the draft of the first edition of ANSI O1.1-4, Safety Requirements for Shapers was first published in 2015.

Suggestions for improvement of this standard are welcome. They should be sent to the Wood Machinery Manufacturers of America, 9 Newport Drive, Suite 200, Forest Hill, MD 21050; jennifer@wmma.org.

This standard was processed and approved for submittal to ANSI by the Accredited Standards Committee O1. Committee approval of this standard does not necessarily imply that all committee members voted for its approval. At the time it approved this standard, the ASC O1 had the following members:

Jack Hyde, Chairman	System Safety Society
Mary Bauer	Occupational Safety and Health Administration
Madison Burt	Woodworking Machinery Industry Association
Mark Craig (Alternate)	Woodworking Machinery Industry Association
Bruce Rosenthal	SCM Group
Brad Graves	Accu-Router, Inc.
Al Weaver	American Society of Safety Engineers
Neal Growney (Alternate)	American Society of Safety Engineers
Dave Hanson	Safety Speed Cut Manufacturing
Richard Current	National Institute for Occupational Safety & Health
Drew Hornick	Power Tool Institute
Jim Laster	Newman Whitney
Chuck LeRoux	Andersen Corp.
Tom Onsrud	C.R. Onsrud
Richard Otterbein	Affiliated Engineering Laboratories, Inc.
George Pfreundschuh (Alternate)	Affiliated Engineering Laboratories, Inc.
Bill Perdue	American Home Furnishings Alliance
John Stimitz	UL LLC
Carl Webb	Kitchen Cabinet Manufacturers Association
Richard Titus (Alternate)	Kitchen Cabinet Manufacturers Association
Greg Gramp (Alternate)	Kitchen Cabinet Manufacturers Association
Craig Schemenaur	Weather Shield Windows & Doors

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STANDARD REQUIREMENT

EXPLANATORY INFORMATION

(Not part of American National Standard for fixed Angle Jump Saws – Safety Requirements)

1. Scope, Purpose, and Application

1.1 Scope:

E 1.1

This standard covers the safety requirements for the design, installation, care and use of shapers and accessory equipment, used in industrial and commercial applications, having a total connected power of 5HP (3.7kw) or greater, or having 3 phase wiring.

Governmental, educational, and similar institutions as well as business establishments are considered commercial applications in this standard.

1.2 Purpose:

The purpose of this standard is to establish the safety requirements for the design, installation, care and use of shapers and accessories.

1.3 Additional Requirements:

1.3.1 This machine specific standard is intended to be used in conjunction with ANSI O1.1. Where contradictions exist, this machine specific standard shall control.

E 1.3.1 The ANSI O1.1 standard is periodically updated; the user should consult the current version of the standard.

1.3.2 Unless specified elsewhere, this standard shall become effective one year following the date of its publication, and apply to machines manufactured or re-manufactured after that date.

1.4 Machines Excluded