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Safety Requirements for Fixed Angle Jump Saws

Secretariat
Wood Machinery Manufacturers of America®
(WMMA)®

American National Standards Institute, Inc.
American National Standard O1.1-1
Safety Requirements for Fixed Angle Jump Saws

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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.


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 O1.1-1, Safety Requirements for Fixed Angle Jump Saws was completed in 2007. Upon completion of the consensus review process, ANSI O1.1-1-2007 was then first published in 2010.

Suggestions for improvement of this standard are welcome. They should be sent to the Wood Machinery Manufacturers of America, 9 Newport Road, 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
- Mark Craig  
  Woodworking Machinery Industry Association
- Bruce Rosenthal (Alternate)  
  Woodworking Machinery Industry Association
- Greg Gramp (Alternate)  
  Kitchen Cabinet Manufacturers Association
- Brad Graves  
  Accu-Router, Inc.
- Neal Grownery (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  
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- Richard Otterbein  
  Member At Large
- Bill Perdue  
  American Home Furnishings Alliance
- George Pfreundschuh (Alternate)  
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- Tom Siwek  
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- John Stimits  
  Underwriters Laboratories
- Richard Titus (Alternate)  
  Kitchen Cabinet Manufacturers Association
- Al Weaver  
  American Society of Safety Engineers
- Carl Webb  
  Kitchen Cabinet Manufacturers Association
- Craig Schemenaur  
  Weather Shield Windows & Doors
American National Standard O1.1-1
Safety Requirements for Fixed Angle Jump Saws

1 Scope, Purpose, and Application

1.1 Scope
This standard covers the safety requirements for the design, installation, care and use of single blade, non-adjustable cut angle jump saws and certain related accessory equipment, used in industrial and commercial applications, having a total connected power of 5 hp (3.7 KW) or greater, or having 3-phase wiring.

1.1.1 Machines excluded
This standard does not cover machines in which the feed and/or positioning of the work piece is automated.

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

1.3 Application
This standard supersedes any machine specific references to jump saws in ANSI O1.1

1.3.1 Effective Date
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.