

Australian Standard™

Wood-processing machinery—Safety

**Part 1: Primary timber milling
machinery**

This Australian Standard was prepared by Committee SF/7, Guarding of Woodworking Machinery. It was approved on behalf of the Council of Standards Australia on 15 September 2000 and published on 20 October 2000.

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Australian Chamber of Commerce and Industry
Australian Industry Group
Australian Woodworking Industries Suppliers Group
Construction, Forestry, Mining and Energy Union
Department for Administrative and Information Services
Department of Infrastructure, Energy and Resources (Tasmania)
Department of Training and Industrial Relations, Qld
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Australian Standard™

Wood-processing machinery—Safety

Part 1: Primary timber milling machinery

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PREFACE

This Standard was prepared by the Standards Australia Committee SF/7, Guarding of Woodworking Machinery, to supersede, in part, AS 1473—1991, *Guarding and safe use of woodworking machinery*.

During its work, the Committee considered the draft *Code of Practice, for Sawmilling*, prepared by WorkCover New South Wales as well as a number of draft European Standards issued by the British Standards Institution.

There are difficulties involved in safeguarding machines used in the primary milling of logs. These difficulties include the fact that, because the logs vary in size and cross-section, the use of close-fitting guards around the machine is often near impossible. The result is that the safety of operators working with the machines, particularly the older machines, depends largely upon the skill and experience of these persons.

Interlocked perimeter fencing is often used to prevent access to the danger zone of modern machinery. The use of mechanical and fluid power systems for handling logs has reduced the need for persons to work in close proximity to the log and saw blades, however the fact remains that timber milling machinery is still dangerous.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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STANDARDS AUSTRALIA

Australian Standard

Wood-processing machinery—Safety

Part 1: Primary timber milling machinery

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for the design, manufacture, guarding and use of milling equipment used for the primary milling of saw logs into green sawn timber products.

1.2 OBJECTIVE

The objective of this Standard is to provide designers, manufacturers, suppliers and users of timber milling machinery with the means of minimizing the risks to the health and safety of persons working with or otherwise near, woodworking machinery.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

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| 1470 | Health and safety at work —Principles and practices |
| 1543 | Electrical equipment of industrial machines |
| 1657 | Fixed platforms, walkways, stairways and ladders —Design, construction and installation |
| 1755 | Conveyors —Safety requirements |
| 4024 | Safeguarding of machinery |
| 4024.1 | Part 1: General principles |

AS/NZS

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|----------|---|
| 1269 | Occupational noise management (series) |
| 1680 | Interior lighting |
| 1680.2.4 | Part 2.4: Industrial tasks and processes |
| 2211 | Laser safety |
| 2211.1 | Part 1: Equipment classification, requirements and user's guide |
| 3000 | Electrical installations (known as the Australian/New Zealand Wiring Rules) |
| 4360 | Risk management |
| 61241 | Electrical apparatus for use in the presence of combustible dust |
| 61241.3 | Part 3: Classification of areas where dusts are or may be present |

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| 1001 | National Standard for manual handling |
| 1007 | National Standard for occupational noise |