

Australian Standard™

**Wood processing machinery—Safety**

**Part 2: Finishing machinery—  
Common requirements**

This Australian Standard was prepared by Committee SF-007, Guarding of Woodworking Machinery. It was approved on behalf of the Council of Standards Australia on 30 November 2000 and published on 2 January 2001.

---

The following interests are represented on Committee SF-007:

Guarding of Woodworking  
Australian Chamber of Commerce and Industry  
Australian Industry Group  
Australian Woodworking Industry Suppliers Association  
Construction, Forestry, Mining and Energy Union  
Department for Administrative and Information Services South Australia  
Department of Infrastructure, Energy and Resources (Tasmania)  
Department of Labour, New Zealand  
Department of Training and Industrial Relations, Qld  
Furnishing Training, Australia  
Metal Trades Industry Association  
National Distribution Union New Zealand  
National Safety Council of Australia  
New Zealand Logging Industry Research Association  
Safety Institute of Australia  
Tasmanian Forest Industries Training Board  
Timber Trade Industrial Association  
Victorian Association of Forest Industries  
Victorian WorkCover Authority  
WorkCover New South Wales  
WorkSafe Western Australia

---

#### **Keeping Standards up-to-date**

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about Standards can be found by visiting the Standards Australia web site at [www.standards.com.au](http://www.standards.com.au) and looking up the relevant Standard in the on-line catalogue.

Alternatively, the printed Catalogue provides information current at 1 January each year, and the monthly magazine, *The Australian Standard*, has a full listing of revisions and amendments published each month.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at [mail@standards.com.au](mailto:mail@standards.com.au), or write to the Chief Executive, Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001.

---

Australian Standard™

**Wood processing machinery—Safety**

**Part 2: Finishing machinery—  
Common requirements**

Originated as AS CZ10—1960.  
Previous edition AS 1473—1991.  
Revised and redesignated in part as AS 1473.2—2001.

**COPYRIGHT**

© Standards Australia International

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Published by Standards Australia International Ltd  
GPO Box 5420, Sydney, NSW 2001, Australia

ISBN 0 7337 3720 X

## PREFACE

This Standard was prepared by the Standards Australia Committee SF-007, Guarding of Woodworking Machinery, as a revision (in part) of AS 1473—1991, *Guarding and safe use of woodworking machinery*.

This Standard is one of a series dealing with the safety of woodworking machinery.

During its work, the Committee considered a number of draft Standards emanating from the European Community and agreed to base this Standard upon those drafts. It is believed that by maintaining consistency with the European Community drafts, the costs to purchasers of new machinery will be minimized since there will be minimal differences between the finished Standards in both Europe and Australia.

This Standard has been written in a hierarchical manner with this Part of the Standard dealing with those aspects of finishing machines which are common to all types of machine. This leaves the unique requirements for a particular type of machine, for example circular saws or moulding machines, to be covered in a Part of the Standard dealing with that class of machine.

It is intended that the most commonly encountered machines will be covered by subsequent Parts to this Standard. However, there will inevitably be some machines which will not be included in a Standard. In these cases, the general principles in this Part should be followed.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

## CONTENTS

	<i>Page</i>
<b>SECTION 1 SCOPE AND GENERAL</b>	
1.1 SCOPE.....	5
1.2 OBJECTIVE.....	5
1.3 REFERENCED DOCUMENTS.....	5
1.4 DEFINITIONS.....	6
1.5 CONSULTATION.....	14
1.6 NEW TECHNOLOGY.....	14
<b>SECTION 2 RISK ASSESSMENT</b>	
2.1 GENERAL.....	15
2.2 RISK ASSESSMENT.....	15
2.3 DOCUMENTATION.....	17
<b>SECTION 3 PLANT LAYOUT AND MACHINE INSTALLATION</b>	
3.1 FOUNDATIONS.....	18
3.2 WORK PLACES AND MEANS OF ACCESS.....	18
3.3 MACHINE LAYOUT AND WORKING AREA.....	18
3.4 LIGHTING.....	18
3.5 ELECTRICAL.....	18
3.6 NOISE.....	18
<b>SECTION 4 PLANT SAFETY, WORK SYSTEMS AND RISK CONTROL MEASURES</b>	
4.1 MACHINE GUARDING—GENERAL CONSIDERATIONS.....	19
4.2 CONTROLS.....	19
4.3 CONTROL DEVICES.....	20
4.4 PROTECTION AGAINST MECHANICAL HAZARDS.....	23
4.5 PROTECTION AGAINST NON-MECHANICAL HAZARDS.....	45
4.6 ELECTRICITY.....	56
4.7 ERGONOMICS AND HANDLING.....	56
4.8 MAINTENANCE.....	56
4.9 SIGNALS AND WARNING DEVICES.....	56
4.10 INFORMATION FOR USE.....	57
4.11 ACCOMPANYING DOCUMENTATION.....	57
4.12 BRAKING SYSTEMS.....	59
<b>SECTION 5 SAFE OPERATION AND OPERATOR TRAINING</b>	
5.1 GENERAL.....	61
5.2 TRAINING AND SUPERVISION.....	61
5.3 MODEL INSTRUCTIONS.....	61
5.4 EDUCATION AND TRAINING.....	62
<b>SECTION 6 MAINTENANCE AND INSPECTION</b>	
6.1 GENERAL.....	63
6.2 MAINTENANCE REQUIREMENTS—ROUTINE.....	63
6.3 MAINTENANCE REQUIREMENTS—PERIODIC.....	64
6.4 INSPECTION PROGRAM.....	64
6.5 REPAIRS AND ALTERATIONS.....	65
6.6 UNSERVICEABLE MACHINES.....	65
6.7 DISCONNECTION OF POWER.....	65

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- 
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
  - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-