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.

The following interests are represented on Committee SF/7:

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

Furnishing Industry Association of Australia

Tasmanian Forest Industries Training Board

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 Standards may also be withdrawn.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 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, or write to the Chief Executive, Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001.

Australian Standard™

Wood-processing machinery—Safety

Part 1: Primary timber milling machinery

Originated as AS C210—1960. Previous edition AS 1473—1991. Revised and redesignated in part as AS 1473.1—2000.

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 3592 4

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.

CONTENTS

		Page
SECTIO	ON 1 SCOPE AND GENERAL	
1.1	SCOPE	5
1.2	OBJECTIVE	
1.3	REFERENCED DOCUMENTS	
1.4	DEFINITIONS	
1.5	CONSULTATION	
SECTIO	ON 2 RISK ASSESSMENT	
2.1	GENERAL	8
2.2	RISK ASSESSMENT	
2.3	DOCUMENTATION	
SECTIO	ON 3 PLANT LAYOUT AND MACHINE INSTALLATION	
3.1	FOUNDATIONS	11
3.2	WORK PLACES AND MEANS OF ACCESS	
3.3	MACHINE LAYOUT AND WORKING AREA	11
3.4	LIGHTING	11
3.5	ELECTRICAL	11
3.6	NOISE	11
CECTIC	NI 4 DI ANTE GAFETTY MODIZ ONOTENG AND DIGIZ CONTROL MEAGUIDEG	
	ON 4 PLANT SAFETY, WORK SYSTEMS AND RISK CONTROL MEASURES	
4.1	MACHINE GUARDING—GENERAL CONSIDERATIONS	
4.2	RISK CONTROL MEASURES FOR BREAKDOWN SAWS	
4.3 4.4	CONTROL MEASURES FOR BENCH SAWSCONTROL MEASURES FOR DOCKING SAWS	
4.4	CONTROL MEASURES FOR RECIPROCATING MULTISAW (GANG SAW).	
4.5 4.6	CONTROL MEASURES FOR WOODCHIPPER AND DEBARKER	
4.7	CONTROL MEASURES FOR CONVEYORS	
4.7	CONTROL MEASURES FOR CONVETORS	
4.8	WORKSTATION ACCESS, EGRESS AND SAFETY	
4.10	,	
4.11	MANUAL HANDLING	
	ELECTRICAL SAFETY	
	TRAINING AND INSTRUCTION	
	LASER SAFETY	
	ON 5 SPECIFIC REQUIREMENTS FOR CIRCULAR SAW BENCHES	
5.1	POSITION OF CONTROLS	
5.2	EMERGENCY STOP	
5.3	TOOL HOLDER AND TOOL DESIGN	
5.4	BRAKING SYSTEMS	
5.5	DEVICES TO MINIMIZE THE POSSIBILITY OR THE EFFECT OF EJECTION	
5.6	PREVENTION OF ACCESS TO SAW	
5.7	GUARDING OF DRIVES	
5.8	RISK OF BREAK-UP DURING OPERATION	
5.9	CLAMPING DEVICES	
	HAZARDOUS ZONE DELINEATION	
	CONTROL MEASURES FOR EMISSION OF SAWDUST OR CHIPS	
ココノ	IVIAINTEAUTTIKEK NIINNIKUUTUUNN	7.1



The is a new provider i arenade and chare publication at the limit below	This is a free preview.	Purchase the	entire publication	at the link below:
--	-------------------------	--------------	--------------------	--------------------

Product Page

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation