

AS 1893—1977

Australian Standard[®]

**THE GUARDING AND SAFE USE
OF METAL AND PAPER CUTTING
GUILLOTINES**

This standard, prepared by Committee SF/22, The Guarding and Safe Use of Metal and Paper Cutting Guillotines, was approved on behalf of the Council of the Standards Association of Australia on 7 June 1976, and was published on 1 March 1977.

The following scientific, industrial and governmental organizations and departments were officially represented on the committee entrusted with the preparation of this standard:

Associated Chambers of Manufactures of Australia
Australian Government Printers Association
Chamber of Commerce and Industry, S.A.
Department of Employment and Industrial Relations
Departments of Labour and Industry
National Safety Council of Australia
Metal Trades Industry Association of Australia
Printing and Allied Trades Employers Federation of Australia
Safety Engineering Society of Australasia

Review of Australian Standards. *To keep abreast of progress in industry, Australian Standards are subject to periodic review and are kept up to date by the issue of amendments or new editions as necessary. It is important therefore that Standards users ensure that they are in possession of the latest edition, and any amendments thereto.*

Full details of all Australian Standards and related publications will be found in the Standards Australia Catalogue of Publications; this information is supplemented each month by the magazine 'The Australian Standard', which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.

Suggestions for improvements to Australian Standards, addressed to the head office of Standards Australia, are welcomed. Notification of any inaccuracy or ambiguity found in an Australian Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

This standard was issued in draft form for public review as DR 75001.

AS 1893—1977

Australian Standard[®]

**CODE OF PRACTICE FOR
THE GUARDING AND SAFE USE
OF METAL AND PAPER CUTTING
GUILLOTINES**

First published (as AS CZ13)	1966
Revised and issued as AS 1893	1977

PUBLISHED BY STANDARDS AUSTRALIA
(STANDARDS ASSOCIATION OF AUSTRALIA)
1 THE CRESCENT, HOMEBUSH, NSW 2140

ISBN 0 7262 1063 3

PREFACE

This standard was prepared by the Association's Committee on The Guarding and Safe Use of Metal and Paper Cutting Guillotines under the direction of the Association's Safety Standards Board as a revision and metrication of AS CZ13—1966, which it accordingly supersedes.

The variations between this standard and AS CZ13 are as follows:

- The scope has been broadened to include guillotines used in the printing and packaging industries.
- Definitions have been amended to take account of Statutory Regulations and to ensure there is no conflict with AS 1219, SAA Safety Code for Metalworking Power Presses.
- Requirements for isolating, stop and starting controls, and indication of 'power on' have been included.
- Some requirements for drive, brakes and machine operating controls have been deleted.
- In AS CZ13, the method of guarding to be applied to metal cutting and paper cutting guillotines was not clearly distinguished. [Section 4](#) of this standard now deals separately with general requirements, the guarding of metal cutting guillotines (including fixed and interlocked guards), and the guarding of paper cutting guillotines including fixed, automatic, interlocked, and electronic guards.
- The illustrations have been revised and new illustrations included.

This standard requires reference to the following Australian standards:

AS 1319	SAA Code for Industrial Accident Prevention Signs
AS 1470	Code of General Principles for Safe Working in Industry
AS 1543	Electrical Equipment of Industrial Machines
AS 1680	Interior Lighting and the Visual Environment
AS 3000, Part 1	SAA Wiring Rules

© Copyright — STANDARDS AUSTRALIA

Users of Standards are reminded that copyright subsists in all Standards Australia publications and software. Except where the Copyright Act allows and except where provided for below no publications or software produced by Standards Australia may be reproduced, stored in a retrieval system in any form or transmitted by any means without prior permission in writing from Standards Australia. Permission may be conditional on an appropriate royalty payment. Requests for permission and information on commercial software royalties should be directed to the head office of Standards Australia.

Standards Australia will permit up to 10 percent of the technical content pages of a Standard to be copied for use exclusively in-house by purchasers of the Standard without payment of a royalty or advice to Standards Australia.

Standards Australia will also permit the inclusion of its copyright material in computer software programs for no royalty payment provided such programs are used exclusively in-house by the creators of the programs.

Care should be taken to ensure that material used is from the current edition of the Standard and that it is updated whenever the Standard is amended or revised. The number and date of the Standard should therefore be clearly identified.

The use of material in print form or in computer software programs to be used commercially, with or without payment, or in commercial contracts is subject to the payment of a royalty. This policy may be varied by Standards Australia at any time.

CONTENTS

	<i>Page</i>
SECTION 1. SCOPE, PURPOSE AND DEFINITIONS	
1.1 Scope	5
1.2 Purpose	5
1.3 Definitions	5
SECTION 2. INSTALLATION	
2.1 Foundation	7
2.2 Workplaces and Travelling Ways	7
2.3 Lighting	7
2.4 Electrical Equipment	7
2.5 Isolating Control	7
2.6 Provision of Stop Control	7
2.7 Starting Control	8
2.8 Indication of Power On	8
SECTION 3. MACHINE DESIGN AND CONSTRUCTION	
3.1 General	9
3.2 Brakes	9
3.3 Flywheel	9
3.4 Transmission Guarding	9
3.5 Machine Operating Control	9
3.6 Lubrication	10
3.7 Honing, Changing and Adjusting of Blades	10
SECTION 4. GUARDING THE TRAPPING SPACE	
4.1 Guarding Requirements	11
4.2 Metal Cutting Guillotine Machines	14
4.3 Paper Cutting Guillotine Machines	15
SECTION 5. SELECTION, TRAINING AND SUPERVISION OF OPERATORS	
5.1 Selection	18
5.2 Training	18
5.3 Supervision	18
SECTION 6. INSPECTION AND MAINTENANCE	
6.1 Program	19
6.2 Lubrication	19
6.3 Removal of Guards	19

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
-