

AS 3575—1995

Australian Standard®

**Clearing saws, brushcutters
and grass trimmers—Safety
requirements**

This Australian Standard was prepared by Committee SF/33, Chainsaw Safety. It was approved on behalf of the Council of Standards Australia on 19 July 1995 and published on 4 December 1995.

The following interests are represented on Committee SF/33:

Australian National University
Australian Timber Trainers Association
Department of Occupational Health, Safety and Welfare, Western Australia
Department of Primary Industries, Qld Forest Service
Forest Industries Association of Tasmania
German-Australian Chamber of Industry and Commerce
Metal Trades Industry Association of Australia
Occupational Health and Safety Authority, Victoria
Outdoor Power Equipment Association
Plastics and Chemicals Industry Association
Primary Industries (SA), Forestry
State Forests of New South Wales
Swedish Chamber of Commerce
Tasmania Development and Resources
Victorian Association of Forest Industries
WorkCover Authority of N.S.W.

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which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.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.

AS 3575—1995

Australian Standard[®]

**Clearing saws, brushcutters
and grass trimmers—Safety
requirements**

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

ISBN 0 7337 0012 8

PREFACE

This Standard was prepared by the Standards Australia Committee on Chainsaw Safety to supersede AS 3575—1988, *Brushcutters—Safety requirements*.

This edition incorporates technical changes which have been introduced into related ISO Standards and other documents which are under consideration by the responsible technical committee. Other changes include—

- (a) updating of reference documents;
- (b) adoption of the terms clearing saw, brushcutter and grass trimmer to describe the styles of units covered by this Standard; and
- (c) editorial changes in accordance with Standards Australia policy.

This Standard does not give recommendations for the safe use of clearing saws, brushcutters and grass trimmers. Guidance for safe working is covered in AS 3576, *Brushcutters—Guide to safe working practices*.

This Standard does not prescribe specific methods for the measurement of sound power levels for the purpose of hearing conservation programs. Reference should be made to AS 3534, *Acoustics—Method for measurement of airborne noise emitted by powered lawn mowers, edge and brushcutters, and string trimmers*.

During the development of this Standard, reference was made to the following documentation:

ISO

- 7916:1989 Forestry machinery—Portable brush-saws—Measurement of hand-transmitted vibration
- 7917:1987 Acoustics—Measurement at the operator's position of airborne noise emitted by brush saws
- 7918:1985 Forestry machinery—Portable brush saws—Circular saw-blade guard—Dimensions
- 8380:1993 Forestry machinery—Portable brush saws—Circular saw-blade—Strength
- 9467:1993 Forestry machinery—Portable chainsaws and brushcutters—Exhaust system-caused fire risk
- 11682:1993 Brush cutters and grass-trimmers—Technical data

ISO/DIS

- 11806 Manually portable forestry machinery—Brushcutters and grass-trimmers—Safety requirements and testing

The assistance gained from these documents is acknowledged.

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.

© 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 AND GENERAL	
1.1 SCOPE	4
1.2 APPLICATION	4
1.3 REFERENCED DOCUMENTS	4
1.4 DEFINITIONS	4
SECTION 2 DESIGN, CONSTRUCTION AND SAFETY REQUIREMENTS	
2.1 GENERAL	9
2.2 SECURITY OF BRUSHCUTTER ASSEMBLIES	9
2.3 CUTTING DEVICE	9
2.4 CONTROLS	9
2.5 HANDLES	10
2.6 GUARDS	11
2.7 HARNESS	12
2.8 BALANCE	16
2.9 VIBRATION LEVELS	16
2.10 SOUND PRESSURE LEVEL	17
2.11 SPECIFIC REQUIREMENTS FOR INTERNAL COMBUSTION ENGINE-DRIVEN CLEARING SAWS, BRUSHCUTTERS AND GRASS TRIMMERS	17
2.12 SPECIFIC REQUIREMENTS FOR ELECTRICALLY DRIVEN BRUSHCUTTERS	18
SECTION 3 MARKING AND ACCOMPANYING DOCUMENTS	
3.1 GENERAL	19
3.2 NAMEPLATES AND LABELS	19
3.3 ACCOMPANYING DOCUMENTS	19
APPENDICES	
A METHOD FOR THE DETERMINATION OF THE STRENGTH OF THE CUTTING DEVICE OF A CLEARING SAW, BRUSHCUTTER OR GRASS TRIMMER	20
B THROWN OBJECT TEST FOR CLEARING SAWS, BRUSHCUTTERS AND GRASS TRIMMERS	22
C METHOD FOR THE DETERMINATION OF THE MECHANICAL STRENGTH OF CLEARING SAW AND BRUSHCUTTER CUTTING DEVICE GUARDS AND ROTATING PARTS GUARDS	25
D INSTRUCTION HANDBOOK FOR CLEARING SAWS, BRUSHCUTTERS AND GRASS TRIMMERS	27

Originated as AS 3575—1988.
Second edition 1995.

Incorporating:
Amdt 1—1997

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
-