

Australian Standard™

Chainsaws—Safety requirements

Part 2: Chainsaws for tree service



**STANDARDS
AUSTRALIA**

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PREFACE

This Standard was prepared by the Standards Australia Committee SF-033, Chainsaw Safety to supersede of AS 2726.2—1995, *Chainsaws—Safety requirements Part 2: Chainsaws for tree service*.

The objective of this Standard is to provide manufacturers and users with specifications for safety requirements for chainsaws intended for use in trees to reduce the hazards that may be encountered by the operator.

The edition takes into account the changes that have taken place in chainsaw design since the publication of the previous edition.

This Standard is Part 2 of a two-part series. Part 1 deals with the safety requirements of chainsaws for general service.

This Standard is based on the work of ISO/TC 23/SC 17, Tractors and Machinery for Agriculture and Forestry—Manually Portable Forest Machinery and the Standards developed by that Subcommittee.

The term ‘informative’ has been used in this Standard to define the application of the appendix to which it applies. An ‘informative’ appendix is only for information and guidance.

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STANDARDS AUSTRALIA

Australian Standard
Chainsaws—Safety requirements

Part 2: Chainsaws for tree service

1 SCOPE

This Standard specifies the safety requirements for portable, hand-held, internal combustion engine-driven chainsaws intended for use in arboriculture by a trained operator working up in trees, and with a maximum mass of 4.3 kg without guide bar and saw chain and with empty tanks.

This Standard does not apply to—

- (a) pole-mounted powered pruners; or
- (b) hydraulic chainsaws; or
- (c) electric chainsaws.

NOTE: Guidance on the safe use of tree service chainsaws is given in Appendix A.

2 APPLICATION

This Standard is intended for use in conjunction with regulations, applicable to the use of chainsaws, issued by regulatory authorities.

3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1319 Safety signs for the occupational environment

2727 Chainsaws—Guide to safe working practices

AS/NZS

1270 Acoustics—Hearing protectors

ISO

3767 Tractor machinery for agriculture and forestry, powered lawn and garden equipment—Symbols for operator controls and other displays

3767-5 Part 5: Symbols for manual portable forestry machinery

6531 Machinery for forestry—Portable hand-held chain-saws—Vocabulary

6533 Forestry machinery—Portable chain-saw front hand-guard—Dimensions and clearances

6534 Portable chain-saws—Hand-guards—Mechanical strength

6535 Portable chain-saws—Chain brake performance

7182 Acoustics—Measurement at the operator's position of airborne noise emitted by chain saws

7505 Forestry machinery—Chain saws—Measurement of hand-transmitted vibration