Australian Standard™

Chainsaws—Safety requirements

Part 1: Chainsaws for general use

STANDARDS AUSTRALIA

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PREFACE

This Standard was prepared by the Standards Australia Committee SF-033, Chainsaw Safety to supersede AS 2726.1—1995, *Chainsaws—Safety requirements,* Part 1: *Chainsaws for general use*.

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

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

This Standard is Part 1 of a two part series. Part 2 deals with the safety requirements of chainsaws for tree 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, in particular ISO 11681-1:2004, *Machinery for forestry—Portable chain-saw safety requirements and testing*—Part 1: *Chain-saws for forest service*. In addition, the requirements given in IEC 60745-2-13:1989, *Safety of hand-held motor-operated electric tools,* Part 2-13: *Particular requirements for chain saws* and ANSI B175.1-2000, *Gasoline-powered chain saws—Safety requirements* have been considered.

CONTENTS

Page

1 SCOPE 4
2 APPLICATION 4
3 REFERENCED DOCUMENTS 4
4 DEFINITIONS 5
5 SIGNIFICANT HAZARDS 5
6 DESIGN AND CONSTRUCTION 6
7 SAFETY REQUIREMENTS 6
8 MARKING OF CHAINSAWS 12
9 INSTRUCTION HANDBOOK 13

STANDARDS AUSTRALIA

Australian Standard
Chainsaws—Safety requirements

Part 1: Chainsaws for general use

1 SCOPE

This Standard specifies safety requirements for portable, hand-held, electrically driven and internal combustion engine-driven chainsaws primarily intended for cutting wood.

This Standard does not apply to—

(a) pole-mounted powered pruners;

(b) hydraulic chainsaws;

(c) attachments fitted to chainsaws; or

(d) mechanical aids assisting the task of cutting wood.

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
3160	Approval and test specification—Hand-held portable electric tools
ISO	
3767	Tractors, 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