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**GUARDING AND SAFE USE OF
PORTABLE ELECTRIC TOOLS
FOR DOMESTIC USE**



STANDARDS ASSOCIATION OF AUSTRALIA

Incorporated by Royal Charter



THE FOLLOWING SCIENTIFIC, CONSUMER, 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 Consumers Association
Chamber of Commerce and Industry, S.A.
Department of Labour and Immigration
Departments of Labour and Industry

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AUSTRALIAN STANDARD

**CODE OF PRACTICE FOR
GUARDING AND SAFE USE OF
PORTABLE ELECTRIC
TOOLS
FOR DOMESTIC USE**

AS 1895—1977

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PREFACE

This standard was prepared by the Association's Committee on the Guarding of Home Workshop Kits, under the authority of the Safety Standards Board.

The standard includes requirements for the guarding of portable electric tools and attachments which are manufactured and sold for domestic use. It is directed specifically towards the guarding and safe use of tools, and does not specify performance requirements.

Tools for domestic use which are not portable as defined in this standard should comply with the requirements of AS 1473, Code for the Guarding and Safe Use of Woodworking Machines, AS 1788, SAA Abrasive Wheels Safety Code, or the relevant Statutory Authority.

Essential safety precautions, which are to be presented in bold print in literature to be supplied with tools, are specified. The minimum instructions for inclusion in literature are also specified.

The electrical requirements for tools are specified in AS 3160, Approval and Test Specification for Hand Held Portable Electric Tools.

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard CODE OF PRACTICE FOR GUARDING AND SAFE USE OF PORTABLE ELECTRIC TOOLS FOR DOMESTIC USE

SECTION 1. SCOPE, APPLICATION AND DEFINITIONS

1.1 SCOPE. This code of practice applies to the guarding of portable electric tools which are manufactured and sold for use by a householder for hobby-work or for maintenance and repairs to be carried out by himself.

It does not apply to portable electric tools which are primarily designed for industrial use but which may be purchased for domestic use. Such tools must comply with the requirements of AS 1473, Code for the Guarding and Safe Use of Woodworking Machinery, AS 1788, SAA Abrasive Wheels Safety Code, and of the relevant Statutory Authority.

Battery-powered tools have electrical requirements which vary from those for mains-powered tools, but the requirements for guarding and instructions for use are similar.

1.2 DEFINITIONS. For the purposes of this code, the following definitions apply.

1.2.1 Portable electric tool—an electric hand tool incorporating an electric motor, vibrator, solenoid or the like, and which is intended to be supported and/or guided by one operator. It may draw its electricity supply from domestic mains or from batteries, which may be rechargeable.

NOTE. When used in a general sense in this code, the terms 'tool' and 'portable power tool' are synonymous with the term 'portable electric tool' whether or not the tools have an attachment fitted.

1.2.2 Attachment—a device which is designed to be attached to a basic portable power tool to enable such a tool to be used for a different operation.

1.2.3 Hobby-work—work which the user of a portable power tool may do for relaxation.

1.2.4 Shoe—that part of a tool which is designed to rest on the work when the tool is being used in its normal position.