

SAA HB37.2—1993

Handbook

**Handbook of Australian fire
Standards**

Part 2: Electrical equipment

This Australian Standard was prepared by Committee FC/-, Fire Coordination Committee. It was approved on behalf of the Council of Standards Australia on 31 July 1992 and published on 18 January 1993.

The following interests are represented on Committee FC/-:

The following Standards Australia committees:

BD/1/2—Design For Fire

BD/4/8—Design Against Fire

EL/2/10—Fire Hazard Testing

EL/3/13—Cables for Use in Limited Fire Conditions

FP/2—Automatic Fire Detection and Alarm Systems

FP/3—Fire Extinguishers

FP/4—Automatic Sprinkler Installations

FP/5—Reporting Fires

FP/7—Fire Hose Reels

FP/10—Fire Protection—Terms and Definitions

PL/9—Fire Tests for Plastics

TX/13—Burning Behaviour of Textiles and Textile Products

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which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.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

SAA HB37.2—1993

Handbook

Handbook of Australian fire Standards

Part 2: Electrical equipment

First published as SAA HB37.2—1993.

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

ISBN 0 7262 7753 3

PREFACE

This Handbook was prepared by the Standards Australia Committees for Fire Coordination and Electrical Approvals Standards, in response to requests from individuals, industry and government bodies, who expressed a need for a document which would consolidate all aspects of fire, and fire prevention and protection requirements within Australia.

This document is one of a number of parts that comprise the *Handbook of Australian fire Standards*. The various parts are—

Part 1: *Fire—General*

Part 2: *Electrical equipment*

Part 3: *Plastics and rubber—Materials and products*

CONTENTS

	<i>Page</i>
FOREWORD	3
1 SCOPE	4
2 REFERENCED DOCUMENTS	4
3 DEFINITIONS	4
4 GENERAL	4
5 ELECTRICAL EQUIPMENT	6
6 ACCEPTANCE	10
7 TESTING LABORATORIES/HOUSES	12
APPENDICES	
A LIST OF REFERENCED DOCUMENTS	16
B FIRE TEST METHODS APPLICABLE TO PLASTIC INSULATION	20

© 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.

FOREWORD

The Handbook is intended to assist those involved with fire, fire safety, and fire protection, by providing a reference to all Australian Standards which deal with fire matters in a nominated area. It is intended to enlarge progressively the various parts of the Handbook by the inclusion of new Australian Standards dealing with fire matters, and reference to specialized manuals and guides provided by Australian organizations.

The Handbook is intended to help anyone purchasing, specifying or using materials or products to understand the need to consider a possible fire hazard, and the way in which fire tests may help in assessing that fire hazard. It will also help them to understand the need to consider special precautions that may be required for safe use in specific environments.

Users of the Handbook should consult State, Territory and local government regulations when designing for particular installations.

It is not intended that the various parts of SAA HB37 be called up in specifications or regulations, although the *Handbook of Australian fire Standards* will provide references to individual Australian Standards suitable for such purposes.

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](#)
-