Australian Standard™

Fire detection, warning, control and intercom systems—Control and indicating equipment

Part 1: Fire



This Australian Standard was prepared by Committee FP-002, Fire Detection, Warning, Control and Intercom System. It was approved on behalf of the Council of Standards Australia on 30 January 1998 and published on 5 November 1998.

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Australian Building Codes Board

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AS 4428.1—1998 (Incorporating Amendment No. 1)

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee FP/2, Fire Detection, Warning, Control and Intercom Systems, to supersede AS 1603.4—1987, *Automatic fire detection and alarm systems*, Part 4: *Control and indicating equipment*, and is the result of a consensus among representatives on the Committee to produce it as an Australian Standard.

This Standard incorporates Amendment No. 1 (April 2004). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The edition of this Standard has incorporated, in tabular form, the requirements for control and indicating equipment (CIE) in three grades. The grades of CIE are as follows:

- (a) Grade I Complete equipment for an installation that fully complies with the requirements of AS 1670.1, Fire detection, warning, control and intercom systems—System design, installation and commissioning, Part 1: Fire.
- (b) Grade II Typical of the type of equipment for installations that partially comply with AS 1670.1 or fully comply with AS 1670.2, Fire detection, warning, control and intercom systems—System design, installation and commissioning, Part 2: Local fire.
- (c) Grade III Typical of the type of equipment that complies with AS 1670.2.

The Standard also provides for the testing and certification of CIE to be performed without reliance on interpretation of the Standard, which reduces the difficulties experienced in such testing. The Standard also includes changes to requirements which were found to be inappropriate for application in the field.

The general requirements and test methods for CIE have been removed for this edition and published as AS 4428.0.

The power supply requirements have also been removed and published as AS 4428.5.

The firefighter facility (FF) has been incorporated into this edition of the Standard.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

This Standard incorporates commentary on some of the Clauses. Commentary directly follows the relevant Clause, is designated by 'C' preceding the clause number and is printed in italics in a box. Commentary is for information only and does not need to be followed for compliance with the Standard.

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