



Fire detection, warning, control and intercom systems—System design, installation and commissioning

Part 4: Emergency warning and intercom systems



This Australian Standard® was prepared by Committee FP-002, Fire Detection, Warning, Control and Intercom Systems. It was approved on behalf of the Council of Standards Australia on 25 September 2015.

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The following are represented on Committee FP-002:

- Association of Hydraulic Services Consultants Australia
 - Australasian Fire and Emergency Services Authorities Council
 - Australian Building Codes Board
 - Australian Chamber of Commerce and Industry
 - Australian Industry Group
 - Australian Institute of Building Surveyors
 - CSIRO
 - Deafness Forum of Australia
 - Department of Human Services, Vic.
 - Engineers Australia
 - Fire Protection Association Australia
 - National Electrical and Communications Association
 - National Fire Industry Association
 - Property Council of Australia
 - Society of Fire Safety
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AS 1670.4:2015

Australian Standard[®]

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intercom systems—System design,
installation and commissioning**

**Part 4: Emergency warning and
intercom systems**

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PREFACE

This Standard was prepared by the Standards Australia Committee FP-002, Fire Detection, Warning, Control and Intercom Systems, to supersede AS 1670.4-2004, *Fire detection, warning, control and intercom systems—System design, installation and commissioning, Part 4: Sound systems and intercom systems for emergency purposes*.

The objective of this Standard is to specify the design, installation and commissioning requirements for emergency warning systems and emergency intercom systems used in buildings for the evacuation of building occupants in the event of a fire or other type of emergency.

This Standard, for the first time, specifies the use of emergency warning control and indicating equipment (EWCIE) which complies with AS 4428.16, Grades 1 or 2. It also allows equipment complying with AS 2220.1 and AS 60849 until these Standards are withdrawn.

Several equipment standards referenced in this Standard are intended to be withdrawn at a future date. These Standards are listed at the end of Clause 1.3.

Maintenance requirements for control and indicating equipment are given in AS 1851.

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

Notes to clauses in this Standard do not form a mandatory part for compliance with this Standard. They are of an advisory nature only and are used to give explanation or guidance to the user on recommended considerations or technical procedures, or to provide an informative cross-reference to other documents or publications.

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