



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

**Part 3: Fire alarm monitoring**

**STANDARDS**  
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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 29 November 2018.

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  - Australasian Fire and Emergency Service Authorities Council
  - Australian Building Codes Board
  - Australian Chamber of Commerce and Industry
  - Australian Industry Group
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  - 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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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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Australian Standard<sup>®</sup>

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**Part 3: Fire alarm monitoring**

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## PREFACE

This Standard was prepared by Standards Australia Committee FP-002, Fire Detection, Warning, Control and Intercom Systems, to supersede AS 1670.3—2004, *Fire detection, warning, control and intercom systems—System design, installation and commissioning, Part 3: Fire alarm monitoring*.

This Standard will be referenced in the National Construction Code (NCC).

The objective of this Standard is to achieve the reliable monitoring of fire detection and alarm systems (FDAS) installed in buildings by a remotely located monitoring service and to transfer required signals to a fire dispatch centre.

Changes to this edition include the following:

- (a) Primary and secondary links for monitored sites are no longer required.
- (b) Monitoring networks to meet the requirements for individual sites and network reliability of all sites.
- (c) References AS 4428.6 Alarm signalling equipment product Standard.

The terms ‘normative’ and ‘informative’ are used in a Standard to denote the application of the appendices or annexes to which they apply. A ‘normative’ appendix or annex is an integral part of a Standard, whereas an ‘informative’ appendix or annex is only for information and guidance.

This edition also permits the use of two editions of relevant Standards relating to components. See Table 1.8 for the list of relevant editions of the Standards which apply throughout this document.

Statements expressed in mandatory terms in notes to figures and tables are deemed to be requirements of this Standard.

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## STANDARDS AUSTRALIA

## Australian Standard

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

## Part 3: Fire alarm monitoring

## SECTION 1 SCOPE AND GENERAL

## 1.1 SCOPE

This Standard specifies the requirements for fire alarm monitoring systems between the monitored fire detection and alarm system (FDAS) and the fire dispatch centre and includes requirements for the monitoring equipment (see Figure 1.1).

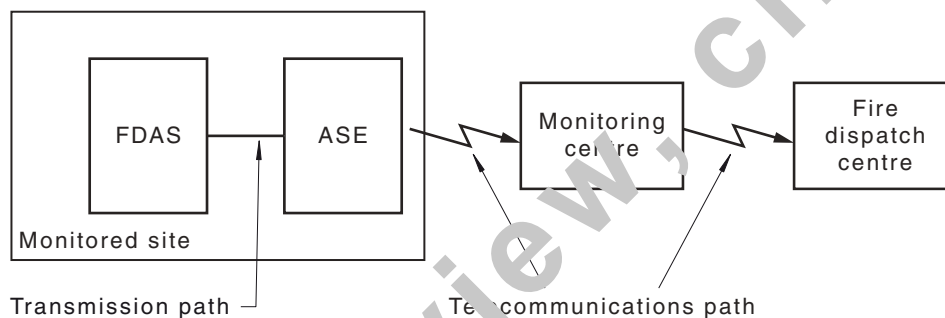


FIGURE 1.1 EXAMPLE BLOCK DIAGRAM OF FIRE ALARM MONITORING

## 1.2 APPLICATION

This Standard applies to the transmission of FDAS signals from the monitored site to the fire dispatch centre.

## 1.3 REFERENCE DOCUMENTS

The following documents are referred to in this Standard:

NOTE: See Clause 1.8 for the list of acceptable editions of the listed relevant normative references.

AS	
2484	Fire—Glossary of terms
24.4.2	Part 2: Fire protection and firefighting equipment
2676	Guide to the installation, maintenance, testing and replacement of secondary batteries in buildings
2676.1	Part 1: Vented cells
2676.2	Part 2: Sealed cells
3011	Electrical installations—Secondary batteries installed in buildings
3011.1	Part 1: Vented cells
3011.2	Part 2: Sealed cells