



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

Part 3: Fire alarm monitoring



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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The following are represented on Committee FP-002:

- Association of Hydraulic Services Consultants Australia
 - Australasian Fire and Emergency Service 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 Health and 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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Australian Standard®

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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 define 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).

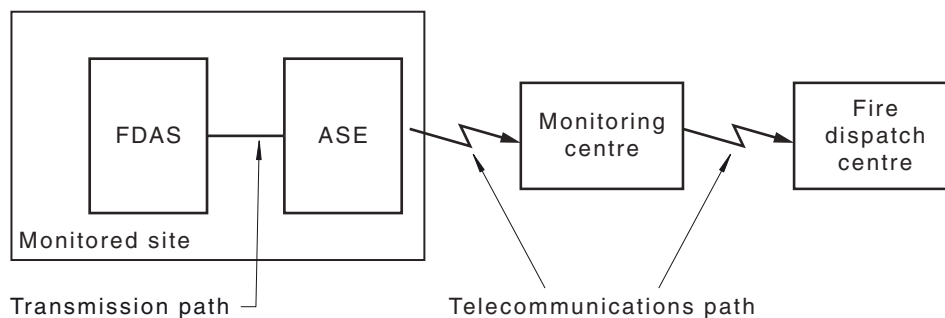


FIGURE 1.1 EXAMPLE BLOCK DIAGRAM OF FIRE ALARM MONITORING

1.2 APPLICATION

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

1.3 REFERENCED 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

2484.2 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