

Australian Standard™

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

**Part 7: Air-handling fire mode
control panel**

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The following interests are represented on Committee FP/2:

Audio Engineering Society
Australasian Fire Authorities Council
Australian Building Codes Board
Australian Chamber of Commerce and Industry
Australian Chamber of Manufactures
Australian Electrical and Electronic Manufacturers Association
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First published as AS 4428.7—1999.

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee FP/2, Fire Detection, Warning, Control and Intercom Systems.

The objective of this Standard is to provide performance requirements for air-handling fire mode control panels.

This Standard has been prepared in conjunction with the Joint Standards Australia/Standards New Zealand Committee ME/62, Ventilation and Airconditioning, to ensure the correct interpretation of requirements.

This Standard is the result of a consensus among representatives on the Joint Committee to produce it as an Australian Standard.

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

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STANDARDS AUSTRALIA

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard specifies the functional, safety and performance requirements for air-handling fire mode control panels (referred to throughout the text as fire fan control panel (FFCP)).

1.2 APPLICATION The requirements of this Standard apply to FFCP used for the control of air-handling systems complying with AS/NZS 1668.1.

1.3 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS

- | | |
|--------|--|
| 1670 | Fire detection, warning control and intercom systems—System design, installation and commissioning |
| 1670.1 | Part 1: Fire |
| 2484 | Fire—Glossary of terms |
| 2484.2 | Part 2: Fire protection and firefighting equipment |
| 2706 | Numerical values—Rounding and interpretation of limiting values |
| 4428 | Fire detection, warning, control and intercom systems—Control and indicating equipment |
| 4428.0 | Part 0: General requirements and methods of test |
| 4428.1 | Part 1: Fire |
| 4428.5 | Part 5: Power supply units |

AS/NZS

- | | |
|--------|---|
| 1668 | The use of ventilation and airconditioning in buildings |
| 1668.1 | Part 1: Fire and smoke control in multi-compartment buildings |
| 3100 | Approval and test specification—General requirements for electrical equipment |

1.4 DEFINITIONS For the purpose of this Standard, the definitions in AS 2484.2, AS/NZS 1668.1 and the one below apply.

1.4.1 Fire mode The mode of operation of the air-handling plant following receipt of a fire alarm signal.

1.5 COMPLIANCE WITH SPECIFICATIONS

1.5.1 General AS/NZS 3100 and AS/NZS 1668.1 shall be read in conjunction with this Standard.