

**AS 7240.4—2004**  
(Incorporating Amendment No. 1)

AS 7240.4—2004



## **Fire detection and alarm systems**

### **Part 4: Power supply equipment (ISO 7240-4:2003, MOD)**



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 1 December 2003.

This Standard was published on 29 April 2004.

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The following are represented on Committee FP-002:

- Audio Engineering Society
  - Australasian Fire Authorities Council
  - Australian Building Codes Board
  - Australian Chamber of Commerce and Industry
  - Australian Electrical and Electronic Manufacturers Association
  - Australian Government Analytical Laboratories, Scientific Services Laboratory
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  - Deafness Forum of Australia
  - Department of Defence (Australia)
  - Fire Protection Association Australia
  - Institute of Security Executives
  - National Electrical and Communications Association
  - Property Council of Australia
- 

This Standard was issued in draft form for comment as DR 03322.

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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## PREFACE

This Standard was prepared by the Standards Australia Committee FP-002, Fire Detection, Warning, Control and Intercom Systems, to supersede AS 4428.5—1998, *Fire detection, warning, control and intercom systems, Part 5: Power supply units*. The Committee intends to withdraw AS 4428.5—1998 five years after the publication of this Standard.

*This Standard incorporates Amendment No. 1 (October 2016). 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.*

This Standard has been adopted with national modifications and has been reproduced from ISO 7240-4:2003, *Fire detection and fire alarm systems, Part 4: Power supply equipment*. The national modifications are specified in Annex ZA. Annex ZB has been added to specify marking requirements that apply in addition to those in Clause 8 of the source text. Annex ZC provides an optional test for p.s.e. required to operate outside the range of 0°C to +40°C.

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- (a) Its number does not appear on each page of text and its identity is shown only on the cover and title page.
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All optional functions specified in this Standard may be included in p.s.e. installed in Australia.

References to International standards should be replaced by references to Australian or Australian/New Zealand Standards as follows:

| <i>References to International Standard<br/>or other Publication</i> |   | <i>Australian/New Zealand Standard</i> |   |
|--|---|--|---|
| ISO  |   | AS                                     |   |
| 7240   | Fire detection and alarm systems  | 7240                                   | Fire detection and alarm systems  |
| 7240-2   | Part 2: Control and indicating equipment  | 7240.2                                 | Part 2: Control and indicating equipment<br>(ISO 7240-2:2003,MOD)   |
| IEC  |   | AS                                     |   |
| 60068  | Environmental testing   | 60068                                  | Environmental testing   |
| 60068-1  | Part 1: General and guidance  | 60068.1                                | General and guidance  |
| 60068-2-1  | Part 2: Tests. Test A: Cold   | 60068.2.1                              | Tests — Test A: Cold  |
| 60068-2-6  | Part 2: Tests. Test Fc: Vibration (sinusoidal)  | 60068.2.6                              | Tests — Test Fc: Vibration (sinusoidal)   |
| 60068-2-47   | Part 2: Test methods—Mounting of components, equipment and other articles for vibration, impact and similar dynamic tests | 60068.2.47                             | Test methods — Mounting of components, equipment and other articles for vibration, impact and similar dynamic tests |
| 60068-2-75   | Part 2: Tests. Test Eh: Hammer tests  | 60068.2.75                             | Tests — Test Eh: Hammer tests   |
| IEC  |   | AS/NZS                                 |   |
| 60950  | Information technology equipment—Safety   |  |   |
| 60950-1  | Part 1: General requirements  | 60950.1                                | Information technology equipment — Safety — General requirements  |

The term ‘normative’ and ‘informative’ are used in this Standard to define the application of the annex to which they apply. A ‘normative’ annex is an integral part of a standard, whereas an ‘informative’ annex is only for information and guidance.

## CONTENTS

|          |   |          |
|----------|---|----------|
| <b>1</b> | <b>Scope.....</b>                             | <b>1</b> |
| <b>2</b> | <b>Normative references .....</b>             | <b>1</b> |
| <b>3</b> | <b>Terms, definitions and symbols .....</b>   | <b>2</b> |
| <b>4</b> | <b>General requirements .....</b>             | <b>2</b> |
| <b>5</b> | <b>Functions .....</b>                        | <b>3</b> |
| <b>6</b> | <b>Materials, design and manufacture.....</b> | <b>5</b> |
| <b>7</b> | <b>Documentation .....</b>                    | <b>6</b> |
| <b>8</b> | <b>Marking.....</b>                           | <b>6</b> |
| <b>9</b> | <b>Tests .....</b>                            | <b>7</b> |

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