



Fire detection and alarm systems

Part 23: Visual alarm devices



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 3 December 2014.

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The following are represented on Committee FP-002:

- 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 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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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[®]

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PREFACE

This Standard was prepared by the Standards Australia Committee FP-002, Fire Detection, Warning, Control and Intercom Systems.

The objective of this Standard is to provide requirements and methods of test for visual alarm devices in fire detection and fire alarm systems and emergency warning control and indicating equipment in and around buildings.

This Standard is identical with, and has been reproduced from ISO 7240-23:2013, *Fire detection and alarm systems, Part 23: Visual alarm devices*.

For the purposes of this Australian Standard:

- (a) a.a.d should read as AAD.
- (b) d.c. should read as DC.
- (c) r.m.s. should read as RMS.
- (d) v.a.d. should read as VAD.

As this Standard is reproduced from an International Standard, the following applies:

- (i) In the source text 'this part of ISO 7240' should read 'this Australian Standard'.
- (ii) A full point substitutes for a comma when referring to a decimal marker.

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

<i>Reference to International Standard</i>		<i>Australian Standard</i>	<i>Standard/Australian New Zealand</i>
IEC		AS	
60068	Environmental testing	60068	Environmental testing
60068-1	Part 1: General and guidance	60068.1	Part 1: General and guidance
60068-2-1	Part 2-1: Tests—Test A: Cold	60068.2.1	Part 2.1: Tests—Test A: Cold
60068-2-2	Part 2-2: Tests—Test B: Dry heat	60068.2.2	Part 2.2: Tests—Test B: Dry heat
60068-2-6	Part 2-6: Tests—Test Fc: Vibration (sinusoidal)	60068.2.6	Part 2.6: Tests—Test Fc: Vibration (sinusoidal)
60068-2-27	Part 2-27: Tests—Test Ea and guidance: Shock	60068.2.27	Part 2.27: Tests—Test Ea and guidance: Shock
60068-2-30	Part 2-30: Tests—Test Db: Damp heat, cyclic (12 + 12-hour cycle)	60068.2.30	Part 2.30: Tests—Test Db and guidance: Damp heat, cyclic (12 + 12-hour cycle)
60068-2-40	Part 2-40: Tests—Test Z/AM: Combined cold/low air pressure tests	60068.2.40	Part 2.40: Tests—Test Z/AM: Combined cold/low air pressure tests
60068-2-75	Part 2-75: Test Eh: Hammer tests	60068.2.75	Part 2.75: Test Eh: Hammer tests
60068-2-78	Part 2-78: Tests—Test Cab: Damp heat, steady state	60068.2.78	Part 2.78: Tests—Test Cab: Damp heat, steady state
IEC		AS	
60529	Degrees of protection provided by enclosures (IP Code)	60529	Degrees of protection provided by enclosures (IP Code)
IEC		AS/NZS	
60695	Fire hazard testing	60695	Fire hazard testing
60695-11-10	Part 11-10: Test flames—50 W horizontal and vertical flame test	60695.11.10	Part 11.10: Test flames—50 W horizontal and vertical flame test

60695-11-20	methods Part 11-20: Test flames—500 W flame test methods	60695.11.20	methods Part 11.20: Test flames—500 W flame test methods
ISO 7240 7240-1	Fire detection and alarm systems Part 1: General and definitions	AS 7240 7240.1	Fire detection and alarm systems Part 1: General and definitions
ISO 2813	Paints and varnishes— Determination of specular gloss of non-metallic paint films at 20 degrees, 60 degrees and 85 degrees	AS/NZS 1580.602.2	Paints and related materials— Methods of test—Measurement of specular gloss of non-metallic paint films at 20 degrees, 60 degrees and 85 degrees

The terms ‘normative’ and ‘informative’ have been 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.

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