

Australian Standard[®]

Fire detection and alarm systems

Part 20: Aspirating smoke detectors



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 5 September 2012.

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The following are represented on Committee FP-002:

- Audio Engineering Society
 - Australasian Fire and Emergency Service Authorities Council
 - Australian Building Codes Board
 - Australian Chamber of Commerce and Industry
 - Australian Electrical and Electronic Manufacturers Association
 - Australian Industry Group
 - Australian Institute of Building Surveyors
 - CSIRO Manufacturing and Materials Technology
 - Deafness Forum of Australia
 - Department of Defence
 - Fire Protection Association Australia
 - National Electrical and Communications Association
 - National Fire Industry Association
 - Property Council of Australia
 - Security Providers Association 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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Part 20: Aspirating smoke detectors

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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 the requirements and methods of test for aspirating smoke detectors in fire detection and fire alarm systems in and around buildings. The Standard does not cover aspirating smoke detectors that are intrinsically safe for use in hazardous conditions.

This Standard is identical with, and has been reproduced from ISO 7240-20:2010, *Fire detection and alarm systems—Part 20: Aspirating smoke detectors*.

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

- (a) Its number appears on the cover and title page while the International Standard number appears only on the cover.
- (b) In the source text ‘this part of ISO 7240’ should read ‘this Australian Standard’.
- (c) 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>
ISO 7240 Fire detection and alarm systems (series, as applicable)	AS 7240 Fire detection and alarm systems (series, as applicable)
IEC 60068 Environmental testing (series, as applicable)	60068 Environmental testing (series, as applicable)

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

CONTENTS

1	Scope	1
2	Normative references	1
3	Terms, definitions and abbreviated terms	2
3.1	Terms and definitions	2
3.2	Abbreviated terms	2
4	Requirements	3
4.1	Compliance	3
4.2	Classification	3
4.3	Individual visual alarm indication	3
4.4	Connection of ancillary devices	3
4.5	Manufacturer's adjustments	3
4.6	On-site adjustment of response behaviour	4
4.7	Response to slowly developing fires	4
4.8	Mechanical strength of the pipework	4
4.9	Hardware components and additional sensing elements in the sampling device	5
4.10	Airflow monitoring	5
4.11	Power supply	5
4.12	Marking	6
4.13	Data	6
4.14	Additional requirements for software controlled detectors	7
5	Tests	8
5.1	General	8
5.2	Repeatability	11
5.3	Reproducibility	11
5.4	Variation in supply parameters	12
5.5	Dry heat (operational)	13
5.6	Cold (operational)	14
5.7	Damp heat, steady state (operational)	15
5.8	Damp heat, steady state (endurance)	16
5.9	Sulfur dioxide (SO₂) corrosion (endurance)	17
5.10	Shock (operational)	18
5.11	Impact (operational)	19
5.12	Vibration, sinusoidal (operational)	20
5.13	Vibration, sinusoidal (endurance)	21
5.14	Electromagnetic compatibility (EMC) immunity tests	22
5.15	Fire sensitivity	23
5.16	Mechanical strength of pipe	26
6	Test report	26
Annex A	(informative) Apparatus for response threshold value measurements	27
Annex B	(normative) Smouldering (pyrolysis) wood fire (TF2)	32
Annex C	(normative) Reduced smouldering pyrolysis wood fires (TF2A and TF2B)	34
Annex D	(normative) Glowing smouldering cotton fire (TF3)	36
Annex E	(normative) Reduced glowing smouldering cotton fire (TF3A and TF3B)	38
Annex F	(normative) Flaming plastics (polyurethane) fire (TF4)	40

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