AS 7240.20—2012 ISO 7240-20:2010 Reconfirmed 2023

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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- Audio Engineering Society
- Australasian Fire and Emergency Service Authorities Council
- Australian Building Codes Board
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- 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

This Standard was issued in draft form for comment as DR AS 7240.20.

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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STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 7240.20—2012 Fire detection and alarm systems Part 20: Aspirating smoke detectors

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Technical Committee FP-002 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

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

| Reference to International Standard | | Australian Standard | |
|-------------------------------------|--|---------------------|--|
| 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.



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