

AS 4487—2013
(Incorporating Amendment No. 1)

AS 4487—2013



**Condensed aerosol fire extinguishing
systems—Requirements for system
design, installation and commissioning
and test methods for components**



This Australian Standard® was prepared by Committee FP-011, Special Hazard Fire Protection Systems. It was approved on behalf of the Council of Standards Australia on 8 June 2013.

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The following are represented on Committee FP-011:

- Australian Industry Group
 - Australian Museum
 - Chamber of Commerce and Industry, Qld
 - CSIRO Manufacturing and Materials Technology
 - Engineers Australia
 - Fire Protection Association Australia
 - National Fire Industry Association
 - Security Providers Association of Australia
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This Standard was issued in draft form for comment as DR AS 4487.

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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systems—Requirements for system
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PREFACE

This Standard was prepared by Standards Australia Committee FP-011, Special Hazard Fire Protection Systems, to supersede AS/NZS 4487:1997, *Pyrogen fire extinguishing systems*.

This Standard incorporates Amendment No. 1 (March 2017). 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.

A1 | This update references AS 1670.5 for electrical detection actuation and control system requirements in place of Appendix A of the previous edition of this Standard.

Pyrogen is a specific brand of condensed aerosol product and was the only commercially available condensed aerosol product available when the Standard was originally published in 1997. As a result, the original publication contained product specific information and requirements that are not relevant to other brands of condensed aerosol products. In recent years a number of different condensed aerosol products have been commercialized and there was a need to prepare a non-brand specific condensed aerosol standard which could be used for the design, installation and commissioning of all condensed aerosol systems. This revised Standard was published to meet this need and was developed using ISO 15779, *Condensed aerosol fire extinguishing systems—Requirements and test methods for components and system design, installation and maintenance—General requirements*, as the primary source document.

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.

This Standard incorporates a commentary on some of the clauses. The commentary directly follows the relevant clause shown in italics font-type and enclosed in a panel. The commentary is for information only and does not need to be followed for compliance with the Standard. Commentaries on clauses explain the purpose of a clause and give, in some cases background information.

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