STANDARDS Australia

AS 2118.6—2012

Automatic fire sprinkler systems

Part 6: Combined sprinkler and hydrant systems in multistorey buildings

Australian STANDARD

AS

Combined systems

This Australian Standard® was prepared by Committee FP-004, Automatic Fire Sprinkler Systems. It was approved on behalf of the Council of Standards Australia on 25 July 2012. This Standard was published on 21 September 2012.

The following are represented on Committee FP-004:

- Association of Consulting Engineers Australia
- Australasian Fire and Emergency Service Authorities Council
- Australian Building Codes Board
- Australian Industry Group
- Australian Institute of Building Surveyors
- Consumers Federation of Australia
- Department of Defence (Australia)
- Department of Human Services (Victoria)
- Engineers Australia
- Fire Protection Association Australia
- Independent Chairperson
- Insurance Council of Australia
- National Fire Industry Association
- Testing Interests (Australia)

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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®

Automatic fire sprinkler systems

Part 6: Combined sprinkler and hydrant systems in multistorey buildings

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PREFACE

This Standard was prepared by the Australian members of the Standards Australia Committee FP-004, Automatic Fire Sprinkler Systems, to supersede AS 2118.6—1995, *Automatic fire sprinkler systems*, Part 6: *Combined sprinkler and hydrant systems*.

This edition includes provision for 35 m pressure zones in addition to the 50 m pressure zones introduced in the first (1995) edition. Detailed steps and graphs are included in Appendix G.

The AS 2118 suite of sprinkler Standards has been restructured into two groups: Systems (AS 2118 series) and Component (AS 4118 series). The complete series comprises the following:

AS		
2118	Automatic fire sprinkler systems	
2118.1	Part 1:	General systems
2118.2	Part 2:	Drencher systems
2118.3	Part 3:	Deluge systems
2118.4	Part 4:	Sprinkler protection for accommodation buildings not exceeding four storeys in height
2118.5	Part 5:	Home fire sprinkler systems
2118.6	Part 6:	Combined sprinklers and hydrant systems in multistorey buildings (this Standard)
4118	Fire sprinkler systems	
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4118.1.8	Part 1.8:	Components—Pressure-reducing valves
4118.2.1	Part 2.1:	Piping—General

The use of Notes in this Standard are of an advisory nature only to give explanation or guidance to the user on recommended design considerations or technical procedures, or to provide an informative cross-reference to other documents or publications. Notes to clauses in this Standard do not form a mandatory part for compliance with this Standard.

This Standard incorporates commentary on some of the clauses. The commentary directly follows the relevant clause, is designated by 'C' preceding the clause number and is printed in italics in a panel. The commentary is for information only and does not need to be followed for compliance with the Standard.

The terms 'normative' and 'informative' have been used in the appendices of 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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