

Australian Standard<sup>®</sup>

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**Automatic fire sprinkler systems**

**Part 10: Approval documentation**

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This Australian Standard was prepared by Committee FP/4, Automatic Sprinkler Installations. It was approved on behalf of the Council of Standards Australia on 6 March 1995 and published on 5 June 1995.

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The following interests are represented on Committee FP/4:

Asset Services—Department of Administrative Services

Australian Building Codes Board

Australian Chamber of Commerce and Industry

Australian Chamber of Manufactures

Australian Fire Authorities Council

Australian Water and Sewerage Authorities

Commonwealth Fire Board

CSIRO—Division of Building, Construction and Engineering

Department of Defence

Fire Protection Industry Association of Australia

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Insurance Council of Australia

Master Plumbers and Mechanical Services Association of Victoria

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee on Automatic Sprinkler Installations FP/4 to supersede in part AS 2118—1982, *SAA Code for Automatic Fire Sprinkler Systems*.

This Standard is the result of a consensus among representatives on the joint committee to produce it as an Australian Standard.

The revisions to AS 2118 have included Standards Australia's requirements to keep product and installation Standards separate. When complete the series will comprise:

AS

- 2118 Automatic fire sprinkler systems
  - Part 1: Standard
  - Part 2: Wall wetting sprinklers (Drenchers)
  - Part 3: Deluge
  - Part 4: Residential
  - Part 5: Domestic
  - Part 6: Combined sprinkler and hydrant
  - Part 9: Piping support and installation
  - Part 10: Approval documentation
- 4118 Fire sprinkler systems
  - Part 1.1: Components—Sprinklers and sprayers
  - Part 1.2: Components—Alarm valves (wet)
  - Part 1.3: Components—Water motor alarm
  - Part 1.4: Components—Valve monitors
  - Part 1.5: Components—Deluge and pre-action valves
  - Part 1.6: Components—Stop valves and non-return valves
  - Part 1.7: Components—Alarm valves (dry)
  - Part 1.8: Components—Pressure sensing valves
  - Part 1.9: Components—Accelerators and exhausters
  - Part 2.1: Piping—General

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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Originated as part of AS CA16—1939.  
 Previous edition AS 2118—1982.  
 Revised and redesignated in part as AS 2118.10—1995.

STANDARDS AUSTRALIA

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SECTION 1 SCOPE AND GENERAL

**1.1 SCOPE** This Standard specifies requirements for the information to be provided for the approval of standard fire sprinkler systems in accordance with AS 2118.1 and automatic wall wetting sprinkler (Drencher) systems in accordance with AS 2118.2.

**1.2 APPLICATION** This Standard is intended for use by the specifiers, designers and installers of fire sprinkler and wall wetting sprinkler (Drencher) systems.

**1.3 NEW DESIGNS AND INNOVATIONS** Any alternative materials, designs, methods of assembly, and procedures, that do not comply with the specific requirements of this Standard, or are not mentioned in it, but that give equivalent results to those specified are not necessarily prohibited. Advice on such matters should be sought from Standards Australia, but the specified approval remains the prerogative of the regulatory authority.

**1.4 REFERENCED AND RELATED DOCUMENTS** The following documents are referred to in this Standard:

AS

2118 Automatic fire sprinkler systems

2118.1 Part 1: Standard

2118.2 Part 2: Wall wetting sprinkler (drencher)

2484 Fire—Glossary of Terms

2484.1 Part 1: Fire tests

2484.2 Part 2: Fire protection and firefighting equipment

3500 National Plumbing and Drainage Code

3500.0 Part 0: Glossary of Terms

2941 Fixed fire protection installations—Pumpset systems

**1.5 DEFINITIONS** For the purpose of this Standard, the definitions given in AS 2484.1, AS 2484.2, AS 3500.0, AS 2118.1, AS 2118.2, and that below, apply.

**1.5.1 Regulatory authority**—a Minister of the Crown, a government department, or other public authority having power to issue regulations, orders, or other instructions in respect of any subject covered by this Standard.