

AS 2118.3—1997

Australian Standard[®]

Automatic fire sprinkler systems

Part 3: Deluge

This Australian Standard was prepared by Committee FP/4, Automatic Sprinkler Installations. It was approved on behalf of the Council of Standards Australia on 3 October 1997 and published on 5 December 1997.

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Association of Consulting Engineers, Australia
Australian Building Codes Board
Australian Chamber of Commerce and Industry
Australian Chamber of Manufactures
Australian Fire Authorities Council
Commonwealth Fire Board
Department of Defence (Australia)
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee FP/4, Automatic Sprinkler Installations. This Standard is the result of a consensus among representatives on the Joint Committee to produce it as an Australian Standard.

The objective of this Standard is to establish requirements for the operation of specialized sprinkler installations designed to function in hazardous environments such as flammable liquid stores where open sprinklers deliver water or foam rapidly when quick opening valves operate following detection of flame, heat or smoke.

Product and installation Standards are kept separate. The AS 2118 series, *Automatic fire sprinkler systems*, and the related series AS 4118, *Fire sprinkler systems*, comprise the following:

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 8: Minor modifications
- 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 alarms
- 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 2.1: Piping—General

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