

Australian Standard[®]

Fire sprinkler systems

**Part 1.4: Components—Valve
monitors**

This Australian Standard was prepared by Committee FP/4, Automatic Sprinkler Installations. It was approved on behalf of the Council of Standards Australia on 22 October 1993 and published on 17 January 1994.

The following interests are represented on Committee FP/4:

Australian Assembly of Fire Authorities
Australian Chamber of Commerce and Industry
Australian Fire Protection Association
Australian Uniform Building Regulations Coordinating Council
Australian Water and Sewerage Authorities
Board of Works, Melbourne
Commonwealth Fire Board
CSIRO, Division of Building, Construction & Engineering
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PREFACE

This Standard was prepared by the Standards Australia Committee on Automatic Sprinkler Installations.

The Standard sets out requirements for establishing compliance with limits of design, performance, security and durability for sprinkler and hydrant valve monitors.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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STANDARDS AUSTRALIA

Australian Standard**Fire sprinkler systems****Part 1.4: Components—Valve monitors**

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard specifies the requirements for valve monitors for mounting on stop valves for automatic fire sprinkler systems, designed and installed in compliance with AS 2118, and fire hydrant systems designed and installed in compliance with AS 2419, to monitor the set position of the valves. If the state of a valve is changed or an attempt is made to subvert the operation of the monitor it will initiate an alarm signal.

NOTE: The alarm signal is generally initiated and then transmitted via the supervisory equipment to a fire control station or a monitoring station.

1.2 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS

1099	Basic environmental testing procedures for electrotechnology
1099.2Ka	Part 2: Salt mist
2118	SAA Code for Automatic Fire Sprinkler Systems
2201	Intruder alarm systems
2201.2	Part 2: Central stations
2362	Automatic fire detection and alarm systems—Methods of test for actuating devices
2362.4	Part 4: Voltage stability test
2362.5	Part 5: Insulation resistance test
2362.6	Part 6: Static discharge test
2362.7	Part 7: Electromagnetic interference test
2362.8	Part 8: Impulse voltage withstand test
2362.9	Part 9: High frequency disturbance test
2362.10	Part 10: Low temperature test
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2362.12	Part 12: Dry heat test
2362.13	Part 13: Corrosion test
2362.15	Part 15: Vibration test
2362.16	Part 16: Impact test
2362.19	Part 19: Dust test
2380	Electrical equipment for explosive atmospheres—Explosion-protection techniques
2419	Fire hydrant installations
3000	SAA Wiring Rules
3013	Electrical installations—Wiring systems for specific applications
3100	Approval and test specification—General requirements for electrical equipment
3121	Approval and test specification—Insulating mouldings