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

Department of Administration Services—Australian Construction Services

Department of Defence (Commonwealth)

Fire Protection Industry Association of Australia

Institution of Engineers, Australia

Insurance Council of Australia

Telecom Australia

The Association of Consulting Engineers, Australia

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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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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
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