Australian Standard®

Automatic fire detection and alarm systems

Part 5: Manual call points

STANDARDS AUSTRALIA

This Australian Standard was prepared by Committee FP/2, Automatic Fire Detection and Alarm Systems. It was approved on behalf of the Council of Standards Australia on 10 September 1990 and published on 11 February 1991.

The following interests are represented on Committee FP/2:

Attorney-Generals Department

Australian Assembly of Fire Authorities

Australian Association of Rural Fire Authorities

Australian Electrical and Electronic Manufacturers Association

Australian Fire Protection Association

Australian Uniform Building Regulations Coordinating Council

Board of Fire Commissioners, New South Wales

Civil Aviation Authority

Commonwealth Fire Board

Confederation of Australian Industry

CSIRO, Division of Building, Construction and Engineering

Department of Administrative Services

Fire Protection Industry Association of Australia

Insurance Council of Australia

Telecom Australia

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PREFACE

This Standard was prepared by the Standards Australia Committee on Automatic Fire Detection and Alarm Systems, to supersede AS 2036—1977, *Manually operated fire alarm call points.*

This Standard differs from the 1977 edition by the inclusion of environmental tests and a section on assessment of compliance.

The various components of automatic fire detection and alarm systems are being specified in the following Standards:

(a) Heat detectors	AS 1603.1.
(b) Point type smoke detectors	AS 1603.2.
(c) Flame detectors	AS 1603.3.
(d) Control and indicating equipment	AS 1603.4.
(e) Manual call points	AS 1603.5.
(f) Fire alarm bells	AS 1603.6.
(g) Beam type optical smoke detectors	AS 1603.7.
(h) Sampling systems	AS 1603.8.

Specifications for the design, installation and maintenance of fire detection and alarm equipment, and the testing of actuating devices have been published as follows:

AS

1670 *Automatic fire detection and alarm systems—System design, installation, and commissioning*

1851 *Maintenance of fire protection equipment*

1851.8 Part 8: *Automatic fire detection and alarm systems*

2362 *Automatic fire detection and alarm systems—Methods of test for actuating devices*

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard specifies requirements for the design and performance of manually operated call points for use in fire detection and alarm systems.

1.2 APPLICATION This Standard applies to manual call points installed in accordance with AS 1670 and connected to control and indicating equipment complying with AS 1603.4.

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

AS
1603 Automatic fire detection and alarm systems
1603.4 Part 4: Control and indicating equipment

1670 Automatic fire detection and alarm systems—System design, installation, and commissioning

1939 Classification of degrees of protection provided by enclosures for electrical equipment

2362 Automatic fire detection and alarm systems—Methods of test for actuating devices
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2484.2 Part 2: Fire protection and firefighting equipment

2700 Colour standards for general purposes

3000 SAA Wiring Rules

3100 Approval and test specification—Definitions and general requirements for electrical materials and equipment

1.4 DEFINITIONS For the purpose of this Standard, the definitions given in AS 2484.2 and that below apply.

1.4.1 Manual call point—a manually actuated mechanism to operate electrical contacts or circuits to initiate an alarm state signal.