

AS 4050(Int)—1992
(Expires 14 September 1994)
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STANDARD
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Interim Australian Standard®

**Fire detection and fire alarm
systems—Firefighters' control and
indicating facilities**



STANDARDS AUSTRALIA



This Interim 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 2 July 1992 and published on 14 September 1992.

The following interests are represented on Committee FP/2:

Australian Assembly of Fire Authorities
Australian Association of Rural Fire Authorities
Australian Chamber of Manufactures
Australian Construction Services, Department of Administrative Services
Australian Electrical and Electronic Manufacturers Association
Australian Fire Protection Association
Australian Uniform Building Regulations Coordinating Council
Commonwealth Federal Bureau of Consumer Affairs
Commonwealth Fire Board
Confederation of Australian Industry
CSIRO Division of Building, Construction and Engineering
Fire Protection Industry Association of Australia
Insurance Council of Australia
New South Wales Fire Brigades
Telecom Australia

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Amendment No. 1
to
AS 4050(Int)—1992
Fire detection and alarm systems—
Firefighters' control and indicating facilities

REVISED TEXT

The 1992 edition of AS 4050(Int) is amended as follows; the amendment(s) should be inserted in the appropriate place.

SUMMARY: This Amendment applies to the front cover and Clauses 7.1, 7.2.1, 7.2.2, 7.2.3, 7.2.4, 7.3.1, 7.3.2, 7.3.3, 7.3.4, 7.3.5 and Figure 1.

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Front Cover

Delete (Expires 14 September 1994) and *substitute* the following—
'Expires 14 September 1996'.

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Page 3 Clause 7.1

Immediately after 7.1 *delete* 'Generally' and *substitute* the following—
'General'

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Page 3 Clause 7.2.1

Delete Clause 7.2.1

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Page 3 Clause 7.2.2

Delete 7.2.2 and *renumber* as—
7.2.1

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Page 4 Clause 7.2.3

Delete 7.2.3 and *renumber* as—
7.2.2

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Page 4 Clause 7.2.4

Delete 7.2.4 and *renumber* as—
7.2.3

In the first line *delete* 'should' and *substitute* the following—
'shall'

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Page 4 Clause 7.3.1

Delete Clause 7.3.1

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Page 4 Clause 7.3.2

Delete 7.3.2 and renumber as—
7.3.1

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Page 4 Clause 7.3.3

Delete 7.3.3 and renumber as—
7.3.2

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Page 4 Clause 7.3.4

Delete 7.3.4 and renumber as—
7.3.3

In (a) immediately after 'acknowledge' insert '(ACK)'

In (c) immediately after 'An isolate' insert '(ISOL)'

In (e) in two places delete the word 'shift' and substitute the following—
'next'

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Page 4 Clause 7.3.5

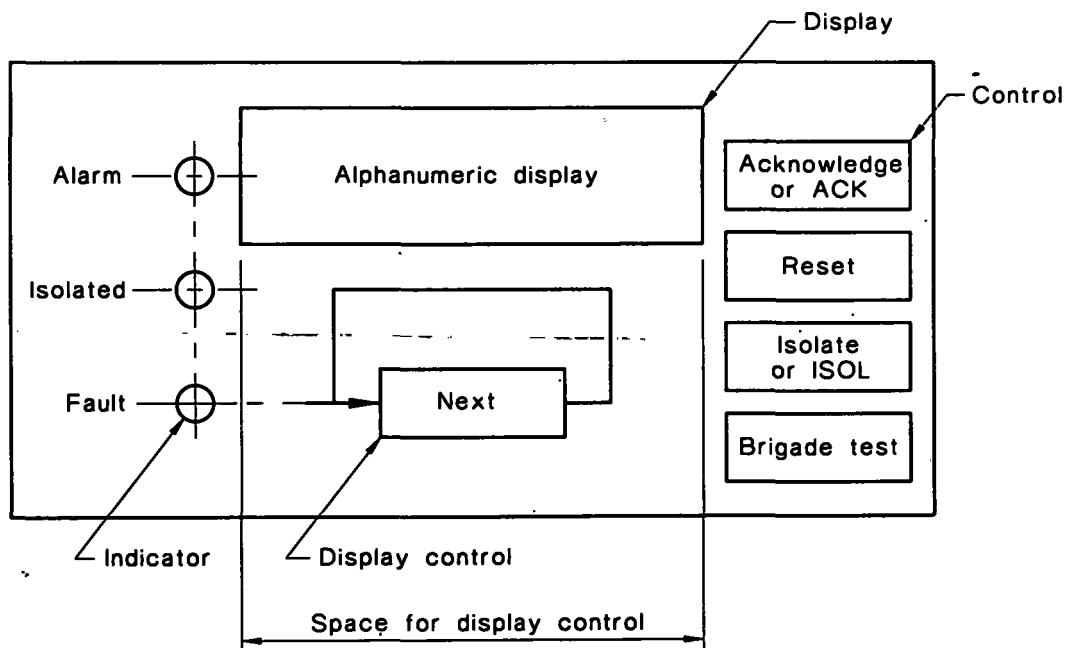
Delete the existing Clause 7.3.5 and substitute the following—

'7.3.4 Area layout Indicators shall be grouped together on the left-hand side of the FFCIF. Controls shall be grouped together and arranged, as shown in Figure 1, on the right-hand side of the FFCIF. Figure 1 is an example layout, other layouts may be used provided they meet the physical size parameters, minimum controls, logical grouping of controls and segregation from other controls'.

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Page 4 FIGURE 1

Delete Figure 1 and substitute the following—



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indicating facilities**

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PREFACE

This Interim Standard was prepared by the Standards Australia Committee on Automatic Fire Detection and Alarm Systems.

This Interim Standard does not form a mandatory requirement, it specifies requirements for control and indicating equipment complying with AS 1603, *Automatic fire detection and alarm systems, Part 4, Control and indicating equipment*. Firefighters' control facilities provided on the control and indicating equipment should conform with this Interim Standard in order to facilitate common operation by firefighters.

This document was prepared in recognition of the need by firefighters for the standard appearance and operation of the control and indicating equipment for fire detection and fire alarm systems.

Design, installation and commissioning requirements are specified in AS 1670, *Automatic fire detection and alarm systems—System design, installation and commissioning*.

Maintenance requirements are specified in AS 1851, *Maintenance of fire protection equipment, Part 8, Automatic fire detection and alarm systems*.

Attention is drawn to the fact that this document is an Interim Australian Standard and should be regarded as a developmental Standard and liable to future alteration.

Standards Australia invites comment on this Interim Standard from persons and organisations concerned with this subject. The date of expiry of this comment is 14 September 1994. It is intended that after this date this Interim Standard will either be withdrawn or revised, taking into account public comment, with the object of incorporating it into AS 1603.4.

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STANDARDS AUSTRALIA

Interim Australian Standard

Fire detection and fire alarm systems—Firefighters' control and indicating facilities

1 SCOPE This Interim Standard specifies requirements for the design of firefighters' control and indicating facilities as part of the control and indicating requirement specified in AS 1603.4 for fire detection and fire alarm systems.

The scope of this Interim Standard is limited to Type 2 and Type 3 control and indicating equipment.

2 NEW DESIGNS AND INNOVATIONS Any alternative materials, designs, methods of assembly, procedures, etc, which do not comply with specific requirements of this Interim Standard, or are not mentioned in it, but which give equivalent results to those specified are not necessarily prohibited. The SA Committee on Automatic Fire Detection and Alarm Systems can act in an advisory capacity concerning equivalent suitability, but the specified approval remains the prerogative of the certifying laboratory, such that new designs or innovations are at least equal to the intent of the specific requirements.

3 INTERPRETATIONS Questions concerning the meaning, the application, or effect on any part of this Standard, may be referred to the SA Committee on Automatic Fire Detection and Alarm Systems. The authority of the Committee is limited to matters of interpretations and it will not adjudicate in disputes.

4 REFERENCED DOCUMENTS The following documents are referred to in this Interim 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

2484 Fire—Glossary of terms

2484.1 Part 1: Fire tests

2484.2 Part 2: Fire protection and firefighting equipment

5 DEFINITIONS For the purpose of this Standard, the definitions given in AS 2484, AS 2484.1, AS 2484.2, AS 1670, AS 1603.4 and those below apply.

5.1 Certifying laboratory—a laboratory recognized by the regulatory authorities for the purpose of undertaking compliance tests and certifying compliance with this Interim Standard.

5.2 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 Interim Standard.

6 CLASSIFICATION The classification of control and indicating equipment shall be—

- (a) Type 1 with individual indicators and individual control of alarm zone facilities (AZFs) not covered by this document;
- (b) Type 2 with individual indicators and common controls for the AZFs; or
- (c) Type 3 with common indicators and common controls for the AZFs.

7 DESIGN REQUIREMENTS

7.1 General The firefighters' control and indicating facilities (FFCIF) shall be grouped separately from other fire indicator panel (FIP) controls and indicators. The FFCIF shall be identified by a red border of not less than 5 mm width. The background colour of the FFCIF shall be a contrasting light colour.

The centre-to-centre distance of controls shall be not less than 25 mm. The face dimension of push-button controls shall be not less than 10 mm.

Labelling on the FFCIF shall have letters not less than 3 mm high and be in a contrasting colour.

7.2 Type 2 FFCIF

7.2.1 Size The size of the area within the border shall be not less than 80 mm high by 80 mm wide.

7.2.2 Indicators A common alarm indicator and a common isolate indicator shall be provided. A common fault indicator may also be provided but no other indicators are to be within the FFCIF area.