

AS 4687.3:2022



STANDARDS
Australia



Temporary fencing and hoardings

Part 3: Temporary hoardings

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- Australasian Wind Engineering Society
- Australasian Wire Industry Association
- Australian Industry Group
- Australian Institute of Health and Safety
- Australian Security Industry Association
- Bureau of Steel Manufacturers of Australia
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- Galvanizers Association of Australia
- Hire and Rental Industry Association of Australia
- National Association of Testing Authorities Australia
- Swimming Pool and Spa Association of Australia
- Temporary Fencing Association of Australia

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Preface

This Standard was prepared by the Standards Australia Committee CE-008, Chainlink Fabric Security Fences and Gates, to supersede AS 4687:2007, *Temporary fencing and hoardings*.

The objective of this document is to establish minimum requirements for the design, performance, construction and installation of temporary hoardings in order to provide protection to the public.

The major changes in this edition are as follows:

- (a) The separation of requirements for temporary fencing and hoardings. The definition of temporary hoardings has also been expanded to include two types.
- (b) Additional guidance has been provided for determination of wind actions.
- (c) The test methods set out in AS 4687:2007 have been elaborated upon.
- (d) Where the previous edition was a performance testing standard, this revision provides alternative ways to achieve conformance, adding a design analysis approach.
- (e) Division of the previous edition of the Standard into a series of four Standards comprising the following:
 - (i) AS 4687.1: *Temporary fencing and hoardings, Part 1: General requirements*.
 - (ii) AS 4687.2: *Temporary fencing and hoardings, Part 2: Temporary fencing and temporary pedestrian barriers*.
 - (iii) AS 4687.3: *Temporary fencing and hoardings, Part 3: Temporary hoardings*.
 - (iv) AS 4687.4: *Temporary fencing and hoardings, Part 4: Temporary swimming pool fencing*.

The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

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Section 1 Scope and general

1.1 Scope

This document establishes minimum requirements for the design, performance, construction and installation of temporary hoardings in order to provide protection to the public.

Temporary hoardings are used to —

- (a) provide a visual barrier;
- (b) restrict the access of unauthorized persons to worksites, events and restricted areas;
- (c) contain equipment and materials;
- (d) prevent operations within the area from impacting outside of it and
- (e) prevent materials, rubbish and debris from escaping the worksite.

1.2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.

NOTE Documents for informative purposes are listed in the Bibliography.

AS 4687.1, *Temporary fences and hoardings, Part 1: General requirements*

1.3 Terms and definitions

For the purposes of this document, the terms and definitions given in AS 4687.1, AS 4687.2 and the following apply.

1.3.1

external environment
exposed to the elements

Note 1 to entry: External environments may be applicable even if a temporary barrier is sheltered or shielded by an engineered structure, but where an unobstructed path of egress may be available. In such cases, the external environmental influences on the temporary hoarding are to be assessed.

1.3.2

temporary hoarding system

temporary hoarding made up of modular components, or repeatable methods, which have been designed or tested to a range of actions, so that it can be applied to a range of environments

Note 1 to entry: A temporary hoarding system may include a set of designed and repeatable installation methods using defined materials, constructed and secured on a specific site.

Note 2 to entry: A “site specific construction temporary hoarding” is only triggered if the situation encountered is outside the scope of application of the repeatable method.