

Australian Standard[®]

Chain link fabric fencing

**Part 1: Security fences and gates—
General requirements**



This Australian Standard® was prepared by Committee CE-008, Chain Link Fabric Security Fences and Gates. It was approved on behalf of the Council of Standards Australia on 4 June 2010.

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- Australasian Wire Industry Association
 - Australian Chain Link Fencing Association
 - Australian Chamber of Commerce and Industry
 - Australian Industry Group
 - Master Builders Association
 - Temporary Fencing Association of Australia
 - Water Services Association of Australia
-

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Part 1: Security fences and gates— General requirements

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PREFACE

This Standard was prepared by the Standards Australia Committee CE-008, Chain Link Fabric Security Fences and Gates to supersede AS 1725—2003, *Chain link fabric security fencing and gates*.

The objective of this Standard is to establish minimum requirements for fence materials and workmanship for security fences, in order to ensure satisfactory service by the fence for the purchaser, and assist manufacturers and installation contractors by eliminating unnecessary minor variations in purchasers' requirements. Where alternatives are provided in this Standard, purchasers should nominate their preference.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

Statements expressed in mandatory terms in notes and footnotes to tables and figures are deemed to be requirements of this Standard.

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STANDARDS AUSTRALIA

Australian Standard Chain link fabric fencing

Part 1: Security fences and gates—General requirements

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for chain link fabric security fencing and gates available in a range of alternatives and combinations, with options for fence height, fabric, wire coatings, wire service duty, pipe grades and tables, and types of security fencing design options, depending on agreement between purchaser and manufacture to suit the circumstances of site security. Purchasers need to carefully consider, select and nominate their preference for each component.

NOTES:

- 1 AS 1725 Parts 1 to 5 fencing solutions are not deemed to be structures as defined in AS 4100, therefore, are not intended to comply with AS 1170, AS 4100 and AS/NZS 4600. However, in applications of high wind loading, crowd control and safety barriers, which can be considered a risk to public safety or deemed to be a building structure, the specifier is required to comply with AS 1170, AS 4100 and AS/NZS 4600.
- 2 Appendix A provides purchasing guidelines which will assist the purchasers to establish the security fencing requirements suitable for their site application. Purchasers need to carefully consider, select and nominate their preference for each component.

1.2 APPLICATION

This Standard is applicable to the manufacture and installation of chain link fabric security fences and tubular gates, the normal uses for which include the following:

- (a) Security for industrial, commercial and public buildings that are in isolated locations or are surrounded by open space, examples being factories, offices and schools.
- (b) Security for, or restriction of access to, expansive open areas, such as residential developments, playing fields, open-air storage, defence bases, airports, water storages, freeways and hazardous areas such as quarries.
- (c) Security fences for government institutions and other open areas where restricted access is desirable.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

- | | |
|-------|---|
| 1074 | Steel tubes and tubulars for ordinary services |
| 1170 | Structural design actions |
| 2423 | Coated steel wire fencing products for terrestrial, aquatic and general use |
| 2700S | Colour standards for general purposes |
| 3972 | Portland and blended cements |
| 4100 | Steel Structures |

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