

Australian Standard™

**Chain-link fabric security fences and
gates**

This Australian Standard was prepared by Committee CE-008, Chainwire Security Fencing. It was approved on behalf of the Council of Standards Australia on 6 June 2003 and published on 29 October 2003.

The following are represented on Committee CE-008:

Australian Chamber of Commerce and Industry
Australian Industry Group
Water Services Association of Australia
Wire Association of Australia

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Australian Standard™

Chain-link fabric security fences and gates

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PREFACE

This Standard was prepared by the Standards Australia Committee CE-008, Chainwire Security Fences and Gates, to supersede AS 1725—1975, *Galvanized rail-less chainwire fences 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 to tables and figures are deemed to be requirements of this Standard.

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STANDARDS AUSTRALIA

Australian Standard Chain-link fabric security fences and gates

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 alternative standards 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.

NOTE: Appendix A provides purchasing guidelines which will help the purchasers to establish fence requirements suitable for their site application.

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

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| 1163 | Structural steel hollow sections |
| 2312 | Guide to the protection of structural steel against atmospheric corrosion by the use of protective coatings |
| 2423 | Coated steel wire fencing products for terrestrial, aquatic and general use |
| 2700S | Colour Standards for general purposes |
| 3972 | Portland and blended cements |

AS/NZS

- | | |
|------|---|
| 4506 | Metal finishing—Thermoset powder coatings |
| 4680 | Hot Dip Galvanised (zinc) coatings on fabricated ferrous articles |
| 4792 | Hot-dip galvanized (zinc) coatings on ferrous hollow sections, applied by a continuous or a specialized process |