

Australian Standard[®]

Chain link fabric fencing

Part 5: Sports ground fencing—General requirements

STANDARDS
Australia



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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The following are represented on Committee CE-008:

- 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
-

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PREFACE

This Standard was prepared by the Standards Australia Committee CE-008, Chain Link Fabric Security Fences and Gates.

The objective of this Standard is to establish minimum requirements for chain link fabric fence materials and workmanship for sports ground fencing, 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 are deemed to be requirements of this Standard.

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies general requirements for the construction of sports ground fencing for a range of alternative types and design options.

It also includes requirements for wire coatings, pipe grades and tables.

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 sports ground 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 intended for use by councils, schools and sporting clubs and associations.

Generally fence Types 1 to 4 are used to form a boundary around a designated sports ground playing field. Examples include but are not limited to, soccer fields, hockey fields, rugby grounds and oval fencing for Australian rules football and cricket grounds.

Type 5 fencing has been included for domestic applications or where extra light durability is acceptable.

1.3 REFERENCE DOCUMENTS

The following documents are referred to in this Standard:

AS

- | | |
|--------|---|
| 1074 | Steel tubes and tubulars for ordinary services |
| 1170 | Structural design actions |
| 1725 | Chain link fabric fencing |
| 1725.1 | Part 1: Security fences and gates—General requirements |
| 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 |
| 4506 | Metal finishing—Thermoset powder coatings |

AS/NZS

- | | |
|------|----------------------------------|
| 1163 | Structural steel hollow sections |
|------|----------------------------------|