

Australian Standard™

**Industrial wire screens—Technical  
requirements and testing**



**Standards Australia**

This Australian Standard was prepared by Committee CH/32, Particle Size Analysis. It was approved on behalf of the Council of Standards Australia on 31 May 2000 and published on 26 June 2000.

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The following interests are represented on Committee CH/32:

Australian Pre-Mixed Concrete Association  
CSIRO Land and Water  
Queensland University of Technology  
Royal Australian Chemical Institute  
Scientific Supplier Association of Australia  
University of South Australia  
University of Sydney

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## PREFACE

This Standard was prepared by the Standards Australia Committee CH/32, Particle Size Analysis. This Standard is identical with and has been reproduced from ISO 14315:1997, *Industrial wire screens—Technical requirements and testing*.

The objective of this Standard is to define terms regarding metal wire screens for industrial screening purposes and specifies tolerances, requirements and test methods.

As this Standard is reproduced from an International Standard, the following applies:

- (a) Its number appears on the cover and title page while the International Standard number appears only on the cover.
- (b) In the source text, 'this International Standard' should read 'this Australian Standard'.
- (c) A full point substitutes for a comma when referring to a decimal marker.
- (d) Substitute 'mL' for 'ml' wherever it appears.
- (e) The ISO documents listed as normative references in Clause 2 have not been adopted as Australian Standards.

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NOTES

## AUSTRALIAN STANDARD

# Industrial wire screens—Technical requirements and testing

## 1 Scope

This International Standard defines terms regarding metal wire screens for industrial screening purposes and specifies tolerances, requirements and test methods.

It is applicable to pre-crimped or pressure-welded wire screens in accordance with ISO 4783-3, made of high-tensile steel, stainless steel or other metal wires.

This International Standard is not applicable to industrial wire cloth in accordance with ISO 4783-2 (see ISO 9044:—<sup>1</sup>), *Industrial woven wire cloth — Technical requirements and testing*).

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 2194:1972, *Wire screens and plate screens for industrial purposes — Nominal sizes of apertures*.

ISO 4782:1989, *Metal wire for wire screens and industrial wire cloth*.

ISO 4783-1:1989, *Industrial wire screens and industrial wire cloth — Guide to the choice of aperture size and wire diameter combinations — Part 1: Generalities*.

ISO 4783-3:1981, *Industrial wire screens and industrial wire cloth — Guide to the choice of aperture size and wire diameter combinations — Part 3: Preferred combinations for pre-crimped or pressure-welded wire screens*.