

Australian/New Zealand Standard™

**Ophthalmic optics—Spectacle lenses—
Vocabulary**



AS/NZS ISO 13666:2011

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee MS-024, Spectacles. It was approved on behalf of the Council of Standards Australia on 17 March 2011 and on behalf of the Council of Standards New Zealand on 18 March 2011.

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Australian Dispensing Opticians Association
New Zealand Association of Optometrists
Optical Distributors and Manufacturers Association of Australia
Queensland University of Technology
The University of Melbourne
The University of New South Wales
University of Auckland

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee MS-024, Spectacles. This Standard replaces relevant text in AS 2228.1—1992, which is intended to be withdrawn by February 2012.

The objective of this Standard is to define basic terms relating to ophthalmic optics.

This Standard is identical with, and has been reproduced from ISO 13666:1998, *Ophthalmic optics—Spectacle lenses—Vocabulary*.

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/New Zealand Standard’.
- (c) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

<i>Reference to International Standard</i>		<i>Australian/New Zealand Standard</i>	
ISO		AS/NZS	ISO
8980	Ophthalmic optics—Uncut finished spectacle lenses	8980	Ophthalmic optics—Uncut finished spectacle lenses
8980-3	Part 3: Transmittance specifications and test methods.	8980.3:	Part 3: Transmittance specifications and test methods

Only international references that have been adopted as Australian or Australian/New Zealand Standards have been listed.

The term ‘informative’ has been used in this Standard to define the application of the annex to which it applies. An ‘informative’ annex is only for information and guidance.

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AUSTRALIAN/NEW ZEALAND STANDARD

**Ophthalmic optics —
Spectacle lenses —
Vocabulary****Optique ophtal-
mique — Verres
de lunettes —
Vocabulaire****Augenoptik —
Brillengläser —
Vokabular****1 Scope**

This International Standard defines basic terms relating to ophthalmic optics, specifically to semifinished spectacle lens blanks, finished spectacle lenses and fitting purposes.

Terms relating to processes and material for fabrication and surface treatment (other than some specific coatings defined in clause 15) and terms relating to defects in materials and after optical processing are given in ISO 9802.

NOTE — In addition to terms and definitions used in two of the three official ISO languages (English, French and Russian), this International Standard gives the equivalent terms and definitions in the German language; these are published under the responsibility of the member body for Germany (DIN). However, only the terms and definitions given in the official languages can be considered as ISO terms and definitions.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the

1 Domaine d'application

La présente Norme internationale définit les termes fondamentaux relatifs à l'optique ophtalmique, notamment aux verres de lunettes finis et semi-finis, et au domaine du montage.

Les termes relatifs aux processus et aux matériaux de fabrication et de traitement de surface (autres que les quelques revêtements particuliers définis à l'article 15), ainsi que les termes relatifs aux défauts des matériaux et au traitement post-optique figurent dans l'ISO 9802.

NOTE — En complément des termes utilisés dans deux des trois langues officielles de l'ISO (anglais, français et russe), cette Norme internationale donne les termes équivalents dans la langue allemande; ces termes sont publiés sous la responsabilité du comité membre de l'Allemagne (DIN). Toutefois, seuls les termes donnés dans les langues officielles peuvent être considérés comme étant des termes de l'ISO.

2 Références normatives

Les normes suivantes contiennent des dispositions qui, par suite de la référence qui en est faite, constituent des dispositions valables pour

1 Anwendungsbereich

Diese Internationale Norm definiert grundlegende Begriffe der Augenoptik, insbesondere Begriffe für Brillenglas-Halbfertigprodukte (Blanks), fertige Brillengläser und deren Anpassung.

Begriffe betreffend die Herstellungsverfahren und -materialien sowie die Oberflächenbehandlung (abgesehen von einigen speziellen Schichten, die in Abschnitt 15 definiert sind) und Begriffe betreffend Fehler im Material und nach der optischen Verarbeitung sind in ISO 9802 angegeben.

ANMERKUNG — Zusätzlich zu den Begriffen in zwei der drei offiziellen Sprachen der ISO (Englisch, Französisch und Russisch) gibt diese Internationale Norm die entsprechenden Begriffe in deutscher Sprache an; diese Begriffe wurden unter der Verantwortung der deutschen Mitgliedsorganisation (DIN) veröffentlicht. Dennoch können nur die in den offiziellen Sprachen angegebenen Begriffe als ISO-Begriffe erachtet werden.

**2 Normative
Verweisungen**

Die folgenden normativen Dokumente enthalten Feststellungen, die durch Verweisung in diesem Text Bestandteil der vorliegenden Inter-