

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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भारतीय मानक मसौदा

नेत्र प्रकाशिकी - आरूढ़ लेंस वाले ऐनक

(ISO 21987:2017)

Draft Indian Standard

Ophthalmic optics — Mounted spectacle lenses

(ISO 21987:2017)

[ICS 11.040.70]

Ophthalmic Instruments and Appliances Sectional Committee,
MHD 05

Last Date for Comments:
15th May 2024

NATIONAL FOREWORD

(Adoption clause will be added later)

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Standard</i>	<i>Degree of Equivalence</i>
ISO 8429, Optics and optical instruments — Ophthalmology — Graduated dial scale	IS 13783 : 1993/ISO 8429:1986, Optics and optical instruments - Ophthalmology - Graduated dial scale	Identical under dual numbering
ISO 8598-1, Optics and optical instruments — Focimeters — Part 1: General purpose instruments	IS/ISO 8598-1 : 2014 Optics and optical instruments - Focimeters: Part 1 general purpose instruments	Identical under single numbering
ISO 8624, Ophthalmic optics — Spectacle frames — Measuring system and terminology	IS/ISO 8624 : 2011 Ophthalmic optics - Spectacle frames - Measuring system and terminology	Identical under single numbering
ISO 8980-1, Ophthalmic optics — Uncut finished spectacle lenses — Part 1: Specifications for single-vision and multifocal lenses	IS/ISO 8980 : 2017 Ophthalmic optics Uncut finished spectacle lenses Part 1 Specifications for single-vision and Multifocal Lenses (First Revision)	Identical under single numbering
ISO 8980-2, Ophthalmic optics — Uncut finished spectacle lenses — Part 2: Specifications for power-variation lenses	IS/ISO 8980-2 : 2017 Ophthalmic optics Uncut finished spectacle lenses Part 2: Specifications for power-variation lenses	Identical under single numbering

The technical committee has reviewed the provisions of the following International Standard referred in this adopted standard and has decided that it is acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
ISO 13666	Ophthalmic optics — Spectacle lenses — Vocabulary
ISO 14889	Ophthalmic optics — Spectacle lenses — Fundamental requirements for uncut finished lenses
ISO 7944	Optics and optical instruments — Reference wavelengths

This standard also makes a reference to the BIS Certification Marking of the product. Details of which is given in National Annex A

NATIONAL ANNEX A

(National Foreword)

A-1 BIS CERTIFICATION MARKING

The product(s) conforming to the requirements of this standard may be certified as per the conformity assessment schemes under the provisions of the BIS Act, 2016 and the Rules and Regulations framed thereunder, and the product(s) may be marked with the Standard Mark.

Note: The technical content of the document has not been included as it is identical with the corresponding ISO standard. For details, please refer to ISO 21987:2017 or kindly contact:

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Scope

This document specifies requirements and test methods for mounted spectacle lenses relative to the prescription order.