# *भारतीय मानक*

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**नेत्र संबंधी प्रकाशिकी — माउंटेड चश्मे के लेंस**

## Indian Standard

Ophthalmic optics — Mounted spectacle lenses

[ICS 11.040.70]

Ophthalmic Instruments and Appliances Sectional Committee, MHD 05

NATIONAL FOREWORD

This Indian Standard which is identical with ISO 21987:2017, ‘Ophthalmic optics — Mounted spectacle lenses’ issued by the International Organization for Standardization was adopted by Bureau of Indian Standards on the recommendation of the Ophthalmic Instruments and Appliances Sectional Committee and approval of the Medical Equipment and Hospital Planning Division Council.

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:

1. Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.

1. 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:

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| --- | --- | --- |
| *International Standard* | *Corresponding Standard* | *Degree of Equivalence* |
| 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 |
| 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 |
| ISO 8624, Ophthalmic optics  — Spectacle frames — Measuring system and  terminology | IS/ISO 8624 : 2011  Ophthalmic optics - Spectacle frames -  Measuring system and terminology | Identical |
| ISO 8980-1, Ophthalmic optics — Uncut finished spectacle lenses — Part 1: Specifications for single vision and multifocal lenses | IS/ISO 8980 -1: 2017  Ophthalmic optics Uncut finished spectacle lenses Part 1 Specifications for single-vision and Multifocal Lenses (First Revision) | Identical |
| 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 |

For the purpose of deciding whether a particular requirement of this standard is complied with the final value, observed or calculated, expressing the result of a test or analysis shall be rounded off in accordance with IS 2: 2022 ‘Rules for rounding off numerical values (Second Revision)’. The number of significant places retained in the rounded off value should be same as that of the specified value in this standard.

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.