

BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा
दंत चिकित्सा — रंग माप पर मार्गदर्शन

Draft Indian Standard
Dentistry — Guidance on Colour Measurement

[ICS 11.060.10]

Dentistry Sectional Committee, MHD 08

Last date for comments: **1 June 2025**

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:

- Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’; and
- 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 Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 1942	Dentistry	—	IS 17895 : 2023/ISO 1942 : 2020	Identical
Vocabulary			Dentistry — Vocabulary	

The Committee responsible for the preparation of this standard has reviewed the provisions of the following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
ISO 11664-1	Colorimetry — Part 1: CIE standard colorimetric observers

Scope

This document identifies three types of topics related to shade conformity and interconvertibility of monochromatic and polychromatic tissues and materials related to the discipline of dentistry; it describes visual and instrumental methods for assessment of these topics.

This document suggests interpretation of the findings through colour difference thresholds and provides guidelines for future standardization related to dental shade conformity and interconvertibility. It also includes guidelines related to colour vision of persons undertaking visual colour assessments and instructions for reporting of colour and colour difference assessments.

The technical content of the document has not been enclosed as it is identical with the corresponding ISO standard.
For details, please refer to ISO/TR 28642 : 2016 or kindly contact:

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