***भारतीय मानक***

***Indian Standard***

**IS XXXXX (Part 1) : 2024**

**ISO 4865-1 : 2023**

**दंत चिकित्सा — हाथ के उपकरणों की सामान्य अपेक्षाएँ**

**भाग 1 नॉन-हिंज्ड हाथ के उपकरण**

**Dentistry — General Requirements of Hand Instruments**

**Part 1 Non-Hinged Hand Instruments**

ICS 11.060.20

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BUREAU OF INDIAN STANDARDS

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**October 2024 Price Group X**

Dentistry Sectional Committee, MHD 08

NATIONAL FOREWORD

This Indian Standard (Part 1) which is identical to ISO 4865-1 : 2023 ‘Dentistry — General requirements of hand instruments — Part 1: Non-hinged hand instruments’ issued by the International Organization for Standardization (ISO) was adopted by the Bureau of Indian Standards on the recommendation of the Dentistry Sectional Committee and after 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’; and
2. 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:

|  |  |  |
| --- | --- | --- |
| *International Standard* | *Corresponding Indian Standard* | *Degree of Equivalence* |
| ISO 1942 Dentistry — Vocabulary | IS 17895 : 2023/ISO 1942 : 2020 Dentistry — Vocabulary | Identical |
| ISO 6508-1 : 2016 Metallic materials — Rockwell hardness test — Part 1: Test method | IS 1586 (Part 1) : 2018/ISO 6508-1 : 2016 Metallic materials — Rockwell hardness test Part 1 Test method (*fifth revision*) | Identical |
| ISO 15223-1 Medical devices — Symbols to be used with information to be supplied by the manufacturer — Part 1: General requirements | IS 18105 (Part 1) : 2023/ISO 15223-1 : 2021 Medical devices — Symbols to be used with information to be supplied by the manufacturer Part 1 General requirements (*third revision*) | Identical |
| ISO 17664-1 Processing of health care products — Information to be provided by the medical device manufacturer for the processing of medical devices — Part 1: Critical and semi-critical medical devices | IS 18742 (Part 1) : 2024/ ISO 17664-1 : 2021 Processing of health care products — Information to be provided by the medical device manufacturer for the processing of medical devices Part 1 Critical and semi-critical medical devices | Identical |
| ISO 17664-2 Processing of health care products — Information to be provided by the medical device manufacturer for the processing of medical devices — Part 2: Non-critical medical devices | IS 18742 (Part 2) : 2024/ ISO 17664-2 : 2021 Processing of health care products — Information to be provided by the medical device manufacturer for the processing of medical devices Part 2 Non-critical medical devices | Identical |
| ISO 20417 Medical devices — Information to be supplied by the manufacturer | IS/ISO 20417 : 2021 Medical devices — Information to be supplied by the manufacturer  | Identical |

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:

|  |  |
| --- | --- |
| *International Standard* | *Title* |
| ISO 6507-1 | Metallic materials — Vickers hardness test — Part 1: Test method |

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

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 the same as that of the specified value in this standard.

**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 *Bureau of Indian Standards Act,* 2016 and the Rules and Regulations framed thereunder, and the product(s) may be marked with the Standard Mark.