

BUREAU OF INDIAN STANDARDS
MEDICAL EQUIPMENT AND HOSPITAL PLANNING DEPARTMENT
(MHD)

AGENDA

Sectional Committee	Meeting No:	Date, Day & Time
Dentistry Sectional Committee (MHD 08)	18 th Meeting	11 November 2024 Monday 11:00 AM
<i>via Webex platform</i>		
Meeting Link: https://bismanak.webex.com/bismanak/j.php?MTID=m175cb6f4d092134564d693755375d0cb		
Meeting Number: 2514 122 1964		
Password: MHD@08_3		
Chairperson	Dr. N Gopi Chander Professor Department of Prosthodontics SRM Dental College, Chennai	
Member Secretary	Ms. Uroosa Warsi Scientist 'C' / Deputy Director Medical Equipment and Hospital Planning Department Bureau of Indian Standards	

ITEM 0 GENERAL

0.1 Welcome Address by Member Secretary

0.2 Opening Remarks by Chairperson

ITEM 1 CONFIRMATION OF MINUTES OF THE PREVIOUS MEETING

1.1 The minutes of the 17th meeting of Dentistry Sectional Committee (MHD 08) held on 02 August 2024 approved by the Chairperson was circulated to all members through the BIS portal as well as email vide letter no: MHD/08/A-2.17 dated 29 August 2024.

1.2 No comments have been received so far.

The Committee may formally confirm the minutes.

ITEM 2 SCOPE AND COMPOSITION OF SECTIONAL COMMITTEE

2.1 The present scope of Dentistry Sectional Committee (MHD 08) is as follows:

- (a) To formulate Indian Standards for all types of dental instruments, equipment, filling and restorative materials, prosthodontic materials, dental implants, terminology, methods of tests
- (b) To coordinate with the work of: -
 - i) ISO/TC 106 ‘Dentistry’: (P Member)
 - ii) ISO/TC 106/SC1 ‘Filling and restorative materials’: (P Member)
 - iii) ISO/TC 106/SC2 ‘Prosthodontic materials’: (P Member)
 - iv) ISO/TC 106/SC3 ‘Terminology’: (P Member)
 - v) ISO/TC 106/SC4 ‘Dental instruments’: (P Member)
 - vi) ISO/TC 106/SC6 ‘Dental equipment’: (P Member)
 - vii) ISO/TC 106/SC7 ‘Oral care product’: (P Member)
 - viii) ISO/TC 106/SC8 ‘Dental implants’: (P Member)
 - ix) ISO/TC 106/SC9 ‘Dental CAD/CAM Systems’: (P Member)

The Committee may please note.

2.2 The present composition of the Dentistry Sectional Committee (MHD 08) along with participation status of members is enclosed at [Annexure A](#).

2.3 The Working Panels under Dentistry Sectional Committee (MHD 08) are enclosed at [Annexure B](#).

2.4 The attendance of members in Sectional Committee meetings is essential for its efficient and effective functioning. Accordingly, any member remaining absent from two consecutive meetings and/or fifty percent or more meetings of the Sectional Committee in a year will become automatically disqualified to continue as the member of the Sectional Committee.

2.5 The following organizations were requested for their co-option and the status is given below:

Sl. No.	Organisation	Nomination
1)	Indian Academy of Oral Medicine and Radiology	Principal Member: Dr Mandeep Kaur Alternate Member: Dr Abhishek Sinha

2)	Indian Society for Dental Research (ISDR)	Principal Member: Prof P Rajesh Alternate Member: Prof Deepak Chandrasekharan
3)	Indian Society of Pedodontics and Preventive Dentistry	<i>No response received</i>
4)	Indian Society of Periodontology	<i>No response received</i>
5)	Indian Orthodontic Society	<i>No response received</i>
6)	Prevest DenPro Limited	<i>No response received</i>
7)	Association of Dental Industry and Trade of India (ADITI)	<i>No response received</i>

2.6 With a view to make the Committee more effective through active contribution of the members in standardization activities, non-participating members are liable to be dropped from the Committee in order to provide opportunity to other similar organizations/institutions that may be interested to participate and contribute to the standardization efforts. Further, the Committee needs to be made fully representative of the various interests concerned considering that non-industry representation should not be less than two-third of the committee composition, as far as possible.

The committee may please note and review the composition.

ITEM 3 DRAFT STANDARDS / AMENDMENTS UNDER PRINT

3.1 The following draft Indian Standards are under print:

S. No	Document Number	Document Title
1)	MHD/08/24114	Dentistry — Brazing materials
2)	MHD/08/24116	Dentistry — Metallic materials for fixed and removable restorations and appliances
3)	MHD/08/25654	Dentistry — Evaluation of Antibacterial Activity of Dental Restorative Materials, Luting Materials, Fissure Sealants and Orthodontic Bonding or Luting Materials (ISO 3990 : 2023, MOD)
4)	MHD/08/25655	Dentistry — General Requirements of Hand Instruments Part 1 Non-Hinged Hand Instruments
5)	MHD/08/25656	Dentistry — Polymer-Based Composite Machinable Blanks (ISO 5139 : 2023, MOD)
6)	MHD/08/25657	Dentistry — Designation System for Tooth Developmental Stages
7)	MHD/08/25658	Dentistry — Laboratory Cutters Part 1 Steel Laboratory Cutters
8)	MHD/08/25659	Dentistry — Laboratory Cutters Part 2 Carbide laboratory cutters

9)	MHD/08/25660	Dentistry — Laboratory Cutters Part 3 Carbide Cutters for Milling Machines
10)	MHD/08/25661	Dental Rotary Instruments — Cutters Part 4 Miniature Carbide Laboratory Cutters (ISO 7787-4 : 2002, MOD)
11)	MHD/08/25662	Dentistry — Extraction Forceps Part 1 General Requirements (ISO 9173-1 : 2016, MOD)
12)	MHD/08/25663	Dentistry — Extraction Forceps Part 2 Designation (ISO 9173-2 : 2010, MOD)
13)	MHD/08/25664	Dentistry — Extraction Forceps Part 3 Design (ISO 9173-3 : 2014, MOD)
14)	MHD/08/25665	Dentistry — Corrosion Test Methods for Metallic Materials (ISO 10271 : 2020, MOD)
15)	MHD/08/25666	Dentistry — Designation System for Supernumerary Teeth
16)	MHD/08/25667	Dentistry — Magnetic Attachments (ISO 13017 : 2020, MOD)
17)	MHD/08/25668	Dentistry — Manual Toothbrushes — General Requirements and Test Methods (ISO 20126 : 2022, MOD)
18)	MHD/08/25669	Dentistry — Trepine Burs (ISO 20569 : 2018, MOD)
19)	MHD/08/25670	Dentistry — Powder Jet Handpieces and Powders (ISO 20608 : 2018, MOD)
20)	MHD/08/25671	Dentistry — Colour Tabs for Intraoral Tooth Colour Determination
21)	MHD/08/25672	Dentistry — Rotational Adaptability Test Between Implant Body and Implant Abutment in Dental Implant Systems
22)	MHD/08/25673	Dentistry — Test Methods for Machining Accuracy of Computer-Aided Milling Machines
23)	MHD/08/25674	Dentistry — Classification of Tooth Restorations Preparation
24)	MHD/08/25675	Dentistry — External Tooth Bleaching Products (ISO 28399 : 2021, MOD)

The committee may kindly note.

ITEM 4 DRAFT STANDARDS / AMENDMENTS FOR FINALIZATION

4.1 The following draft Indian Standards / Amendments have been sent for wide circulation:

Sl. No	Document No.	Title	Last date for comments	Comments received (Yes/No)
1)	MHD/08/26331 (IS 3877: 1967)	Dental Wax Knife — Specification (First Revision)	06/09/2024	No
2)	MHD/08/26332 (IS 5178: 1969)	Dental Gingival Margin Trimmers — Specification (First Revision)	06/09/2024	No

3)	MHD/08/26333 (IS 5211: 1969)	Dental Scissors, Straight and Curved — Specification (First Revision)	06/09/2024	No
4)	MHD/08/26334 (IS 5212: 1969)	Dental Crown Scissors, Straight and Curved — Specification (First Revision)	06/09/2024	No
5)	MHD/08/26335 (IS 5217: 1969)	Dental Flask Clamp — Specification (First Revision)	06/09/2024	No
6)	MHD/08/26336 (IS 5763: 1970)	Dental Occlusal Plane Guide — Specification (First Revision)	06/09/2024	No
7)	MHD/08/26337 (IS 6815: 1972)	Dental Matrix Retainers — Specification (First Revision)	06/09/2024	No
8)	MHD/08/26338 (IS 6822: 1972)	Dental Distal Arch Wire Cutter — Specification (First Revision)	06/09/2024	No
9)	MHD/08/26339 (IS 7066: 1973)	Dental Instrument-Cabinet Trays — Specification (First Revision)	06/09/2024	No
10)	MHD/08/26340 (IS 10088: 1981)	Dental Retractor — Specification (First Revision)	06/09/2024	No
11)	MHD/08/26342 (IS 10309: 1982)	Edgewise Torquing Key — Specification (First Revision)	06/09/2024	No
12)	MHD/08/26343 (IS 10353: 1982)	Dental Mckellops' Type Pliers — Specification (First Revision)	06/09/2024	No

4.2 No comments have been received and the above documents may be taken up for finalization.

The Committee may kindly consider.

ITEM 5 DRAFT STANDARDS/AMENDMENTS FOR APPROVAL FOR WIDE CIRCULATION

5.1

Sl. No	ISO No.	ISO Title	Remarks
1)	ISO 6872:2024	Dentistry — Ceramic materials	Earlier versions of these standards have been revised by ISO. As earlier versions are already adopted, they need to be harmonized with latest versions
2)	ISO 7405:2018	Dentistry — Evaluation of biocompatibility of medical devices used in dentistry	
3)	ISO 15098:2024	Dentistry — Dental tweezers	

The Committee may kindly deliberate.

5.2 The comments on WC drafts shall be made only through the Standardization Portal. The BIS portal provides a very user-friendly interface and helps faster compilation and analysis of

comments. In case of any difficulties in accessing the portal, the members may contact the Member Secretary for necessary guidance.

The Committee may kindly note.

ITEM 6 DRAFT UNDER PREPARATION

6.1 There are currently no indigenous subject drafts under preparation.

The Committee may kindly note.

6.2 Commenting on P-Drafts by Members of Technical Committee

6.2.1 P-Draft is the stage where members of the concerned technical committee can support or reject the project or offer comments for improvement. Therefore, abstaining from commenting on the P-Draft by a member has serious implications on the quality of the draft. BIS had issued directions regarding commenting on P-Drafts wherein any member not commenting on two consecutive and/or one-fourth of the P-Drafts circulated by the Technical Committee in a year will automatically be disqualified to continue as a member.

6.2.2 The members may examine the P-Draft document(s) whenever under circulation and offer comments as per the following options:

- (a) Agree
- (b) Agree (with comments*)
- (c) Don't agree (with comments*)
- (d) No Comments, as it is not related to my area of expertise.

6.2.3 The comments on P- Drafts shall be made only through the Standardization Portal.

The Committee may kindly note.

ITEM 7 COMMENTS ON PUBLISHED STANDARDS

7.1 No comments have been received on published Indian Standards.

The committee may kindly note.

ITEM 8 NEW SUBJECTS

8.1 The committee may identify the emerging fields in the area under its scope and decide formulation of Indian Standards on the same. The Committee may also define thrust area which

should take into consideration the standards development required in the given context keeping in view the social, environmental and economic consideration.

The Committee may kindly deliberate.

8.2 Status of New Subjects

Sl. No.	Name of Equipment	Panel	Working Group
1)	Fully Electrically Operated Dental Chair	TBC	TBC
2)	3D Dental Printers	Panel 4 Additive Manufacturing	TBC
3)	Dental Lasers (including soft tissues)	Panel 8 Dental Equipment	TBC
4)	Dental Piezo - Ultrasonic Scaler	Panel 8 Dental Equipment	TBC
5)	Dental sandblasting Machine	Panel 8 Dental Equipment	TBC
6)	Orthodontic welder	Panel 8 Dental Equipment	TBC
7)	Dental Casting Machine	Panel 8 Dental Equipment	TBC
8)	Dental Lathe	Panel 8 Dental Equipment	TBC
9)	Dental Ceramic furnace	Panel 8 Dental Equipment	TBC
10)	Glass Bead Sterilizer	Panel 8 Dental Equipment	TBC
11)	Piezo surgical unit	Panel 8 Dental Equipment	TBC
12)	Oscillating saws (with all hand piece)	Panel 8 Dental Equipment	TBC

The Committee may kindly deliberate and decide.

ITEM 9 TECHNICAL ISSUES

9.1 There are no specific technical issues to be discussed.

The Committee may kindly note.

ITEM 10 INTERNATIONAL ACTIVITIES

10.1 Participating (P) Membership in ISO/IEC

10.1.1 BIS participates in the International Standardization activities of the International Organization for Standardization (ISO) thereby contributing to International Standards development activities. It is a constant endeavor of the Sectional Committees to identify priority areas for participation in International technical committees that are of strategic importance to India and to identify relevant experts who would actively contribute to international standardization. The details of membership held in various Technical Committees/Subcommittees of ISO are given below:

Sl. No.	Liaison Committee of ISO	Type of Membership
1)	ISO/TC 106 ‘Dentistry’	Participating Member
2)	ISO/TC 106/SC1 ‘Filling and restorative materials’	Participating Member
3)	ISO/TC 106/SC2 ‘Prosthetic materials’	Participating Member
4)	ISO/TC 106/SC3 ‘Terminology’	Participating Member
5)	ISO/TC 106/SC4 ‘Dental instruments’	Participating Member
6)	ISO/TC 106/SC6 ‘Dental equipment’	Participating Member
7)	ISO/TC 106/SC7 ‘Oral care product’	Participating Member
8)	ISO/TC 106/SC8 ‘Dental implants’	Participating Member
9)	ISO/TC 106/SC9 ‘Dental CAD/CAM Systems’	Participating Member

10.1.2 As a P-member, it is mandatory for India (BIS) to vote on all draft standards and other documents circulated by ISO seeking votes/comments. The members should carefully examine the documents taking into consideration nation’s interests and send the comments to BIS keeping in mind that if these ISO Standards so finalized are adopted as Indian Standards in future, the Indian Medical Device Industry would not have any problem in its implementation. The experts who are not contributing to international standardization by submitting comments/feedback on work items and ballots will not be allowed to represent BIS (India) in ISO/ IEC Technical meetings.

The Committee may kindly note.

10.2 The ballots received from the ISO/TC 106 Secretariat and currently open are provided in [Annexure C](#). The Committee members are requested to send their nomination to be a designated expert in these ISO projects as per their area of expertise.

10.3 Harmonization of Indian Standards with International Standards

10.3.1 ISO comprising of global experts on various subjects regularly bring out International Standards. The Sectional Committees on a regular basis needs to review the ISO Standards published against the existing National Standards, current trade practices, consumer

expectations, global trends, etc. and decide for review of the published National Standards. In the process, Sectional Committees after a close scrutiny of the ISO Standards, may decide on adoption/adaptation of the ISO Standards keeping in view the technical relevance of the subject to the national conditions. Harmonization is not undertaken in case the ISO Standards are not relevant to Indian conditions or would put the Indian industry at disadvantage. The Sectional Committees while reviewing such ISO Standards also explore the possibility of adopting such ISO Standards on which no Indian Standards exist.

10.3.2 The list of Standards published by the TCs and SCs of ISO/ TC 106 along with their status of adoption is given at [Annexure D](#).

The Committee may kindly deliberate and recommend the Standards to be adopted as Indian Standards.

ITEM 11 PROGRAMME OF WORK

11.1 The present Programme of Work of Dentistry Sectional Committee (MHD 08) is available at BIS website www.bis.gov.in.

The Committee may kindly note.

11.2 The progress of development of Indian Standards at various stages is given below:

Stage	No. of Documents
Under Print	24
Under Development	14

ITEM 12 REVIEW OF INDIAN STANDARDS

12.1 Review of pre-2000 Standards

12.1.1 All the Indian Standards published before the year 2000 need to be reviewed for revision/withdrawal/archived in the light of technological developments that have happened so far in relation to these standards. This exercise has to be completed in a time bound manner. The details in this regard are given below:

Total as per PoW	Review Complete	Under Development	Under Print	Remaining	Under Progress (out of the remaining)	Pending
123	28	14	0	81	80	1

12.1.2 The list of the above Indian Standards at various stages is given at [Annexure E](#).

The Committee may kindly review.

12.2 Review of Indian Standards as per 5-year cycle

12.2.1 As per the policy of BIS, the Indian Standards which have completed five years since their last publication/reaffirmation, are to be reviewed by the concerned Sectional Committee for their reaffirmation/revision/withdrawal/amendment/archiving in the light of technological developments that have happened so far in relation to these standards.

12.2.2 With a view to improve the quality of standards formulation process and making it more evidence based, BIS envisions to undertake research and prepare a review document in respect of each of the Indian Standards which are due for revision.

12.2.3 There are currently no Indian Standards due for review in 2024-2025.

The Committee may kindly note.

ITEM 13 ISSUES ARISING OUT OF THE PREVIOUS MEETINGS

13.1 There are currently no issues related to the previous meeting.

The Committee may kindly note.

ITEM 14 DATE AND PLACE OF NEXT MEETING

14.1 As per the approved Annual Meeting Calendar for 2024-25, the next meeting of MHD 08 is scheduled on 17 January 2025.

Quarter	Q1 Apr-June 2024	Q2 July-Sept 2024	Q3 Oct-Dec 2024	Q4 Jan-Mar 2025
Date	12 April 2024, Friday	02 Aug 2024, Friday	11 Nov 2024, Monday	17 Jan 2025, Friday

ITEM 15 ANY OTHER BUSINESS

ANNEXURE A
(Clause 2.2)

COMPOSITION OF DENTISTRY SECTIONAL COMMITTEE, MHD 08

Sl. No	Organization	Member Name	Participation Status	
			16 th TC Meeting	17 th TC Meeting
1)	SRM Dental College, Chennai	Dr. N Gopi Chander	1	1
2)	All India Institute of Medical Sciences, New Delhi	Dr. Ritu Duggal	0	1
		Dr. Krushna Vasant Kumar Bhatt		
		Dr. Siddhartha Sharma		
3)	Association of Indian Medical Device Industry, New Delhi	Dr. Sai Kalyan	1	1
		Mr. C. S. Prasad		
4)	Central Drugs Standard Control Organization, New Delhi	Mr. Aseem Sahu	1	1
		Mr. Ajai Basil		
5)	Indian Academy of Oral Medicine and Radiology, Bengaluru	Dr. Mandeep Kaur	-	-
		Dr. Abhishek Sinha	-	-
6)	Indian Association of Oral and Maxillofacial Pathologists, Chennai	Dr. Sushmita Saxena	1	1
		Dr. Deepak Bhargava		
		Dr. Anubhuti Sood		
7)	Indian Association of Public Health Dentistry, Chennai	Dr. Manjunath Puranik	1	1
		Dr. Vamsi Krishna Reddy L.		
		Dr. Tanushri Mahendra Dalvi		
8)	Indian Endodontic Society, New Delhi	Dr. Sanjay Miglani	0	1
		Dr. Ruchika Roongta		
		Dr. Amrita Chawla		
9)	Indian Prosthodontic Society, Hyderabad	Dr. Neeta Pasricha	1	1
		Dr. Aditi Nanda		
10)	Indian Society for Dental Research, Chennai	Prof P Rajesh	-	-
		Prof Deepak Chandrasekharan	-	-
11)	Institute of Dental Studies and Technologies, Modinagar	Dr. Suprabha Rathee	1	1
12)	J. Morita Corporation, Mumbai	Mr. Ghanshyam Dusija	1	1

		Mr. Lokesh Jadhav		
13)	Kalam Institute of Health Technology, Vishakhapatnam	Dr. Kavita Kachroo	1	1
		Dr. R. N. Prudhvi Teja		
14)	Office of Development Commissioner (MSME), New Delhi	Ms. Maitreyee Talapatra	0	1
15)	Tamil Nadu Government Dental College, Chennai	Dr. K. Ramkumar	1	1
		Dr. T. Rohini Mds		
16)	In Personal Capacity	Dr. S. Jayachanadran	-	-

ANNEXURE B
(Clause 2.3)

WORKING PANELS UNDER DENTISTRY SECTIONAL COMMITTEE, MHD 08

Restorative and Endodontic materials Panel [MHD 08 : P1]

S. No.	Organization	Member Name	Role
1)	Indian Endodontic Society, New Delhi	Dr. Sanjay Miglani	Convener

Prosthodontic Materials Panel [MHD 08 : P2]

S. No.	Organization	Member Name	Role
1)	Indian Prosthodontic Society, Hyderabad	Dr. Neeta Pasricha	Convener

Dental Instruments Panel [MHD 08 : P3]

S. No.	Organization	Member Name	Role
1)	Association of Indian Medical Device Industry, New Delhi	Dr. Sai Kalyan	Convener

Additive Manufacturing Panel [MHD 08 : P4]

S. No.	Organization	Member Name	Role
1)	Association of Indian Medical Device Industry, New Delhi	Dr. Sai Kalyan	Convener

Dental Implants Panel [MHD 08 : P5]

S. No.	Organization	Member Name	Role
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1)	J. Morita Corporation, Mumbai	Mr. Lokesh Jadhav	Convener
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Dental CAD/CAM Panel [MHD 08 : P6]

S. No.	Organization	Member Name	Role
1)	Institute of Dental Studies and Technologies, Modinagar	Dr. Suprabha Rathee	Convener

Oral Care Products Panel [MHD 08 : P7]

S. No.	Organization	Member Name	Role
1)	Institute of Dental Studies and Technologies, Modinagar	Dr. Suprabha Rathee	Convener

Dental Equipment Panel [MHD 08 : P8]

S. No.	Organization	Member Name	Role
1)	Tamil Nadu Government Dental College, Chennai	Dr. G. Vimala Mds	Convener

Terminology Panel [MHD 08 : P9]

S. No.	Organization	Member Name	Role
1)	Indian Association of Oral and Maxillofacial Pathologists, Chennai	Dr. Sushmita Saxena	Convener

ANNEXURE C
([Clause 10.2](#))

PROJECTS CURRENTLY UNDER PROCESS IN ISO/TC 106 ‘DENTISTRY’

S. No.	Type	Sub Committee	Reference	English Title	Working Group	Designated Expert(s)
1)	SR	ISO/TC 106/SC 1	ISO/TS 16506:2017 (vers 2)	Dentistry — Polymer-based luting materials containing adhesive components	—	To be nominated
2)	SR	ISO/TC 106/SC 3	ISO 16443:2014 (vers 2)	Dentistry — Vocabulary for dental implants systems and related procedure	WG 2 Dental vocabulary (Revision of ISO 1942 and thematic coding of its terms)	To be nominated
3)	NP	ISO/TC 106/SC 1	ISO/NP 25455	Mercury vapour leakage from pre-capsulated dental amalgam capsules	WG 7 Dental amalgam	To be nominated
4)	SR	ISO/TC 106/SC 2	ISO 9693:2019 (Ed 3)	Dentistry — Compatibility testing for metal-ceramic and ceramic-ceramic systems	WG 1 Dental ceramics	To be nominated
5)	SR	ISO/TC 106/SC 2	ISO 14233:2003 (vers 4)	Dentistry — Polymer-based die materials	—	To be nominated
6)	SR	ISO/TC 106/SC 2	ISO/TS 14569-2:2001 (vers 5)	Dental materials — Guidance on testing of wear — Part 2: Wear by two- and/or three body contact	—	To be nominated
7)	SR	ISO/TC 106/SC 7	ISO 28888:2013 (vers 2)	Dentistry — Screening method for erosion potential of oral rinses on dental hard tissues	WG 3 Oral Rinses	To be nominated
8)	SR	ISO/TC 106/SC 8	ISO 22803:2004 (vers 4)	Dentistry — Membrane materials for guided tissue regeneration in oral and maxillofacial surgery — Contents of a technical file	—	To be nominated

ANNEXURE D
([Clause 10.3.2](#))

ISO STANDARDS PUBLISHED UNDER ISO/TC/106, SC1 to SC9

Standard published under ISO/TC 106
Dentistry

Sl. No.	ISO No.	ISO Title	Status of adoption	Corresponding IS/Doc No.
1)	ISO 3990:2023	Dentistry — Evaluation of antibacterial activity of dental restorative materials, luting materials, fissure sealants and orthodontic bonding or luting materials	Under Adoption	MHD/08/25654
2)	ISO 7405:2018	Dentistry — Evaluation of biocompatibility of medical devices used in dentistry	Old edition Adopted	IS/ISO 7405 : 2008

Standard published under ISO/TC 106 SC 1
Filling and restorative materials

Sl. No.	ISO No.	ISO Title	Status of adoption	Corresponding IS/Doc No.
1)	ISO 3107:2022	Dentistry — Zinc oxide-eugenol cements and non-eugenol zinc oxide cements	Adopted	IS 18789 : 2024/ISO 3107 : 2022
2)	ISO 4049:2019	Dentistry — Polymer-based restorative materials	Adopted	IS 10011 : 2022 (MOD)
3)	ISO/TS 4640:2023	Dentistry — Test methods for tensile bond strength to tooth structure	Under Adoption	MHD/08/25040
4)	ISO 6874:2015	Dentistry — Polymer-based pit and fissure sealants	Adopted	IS 17694 : 2021 ISO 6874 : 2015
5)	ISO 6876:2012	Dentistry — Root canal sealing materials	Adopted	IS/ISO 6876 : 2012
6)	ISO 6877:2021	Dentistry — Endodontic obturating materials	Adopted	IS 12624 : 2023 ISO 6877:2021
7)	ISO 7551:2023	Dentistry — Endodontic absorbent points	Adopted	IS 18823 : 2024/ISO 7551 : 2023

8)	ISO 9917-1:2007	Dentistry — Water-based cements — Part 1: Powder/liquid acid-base cements	Adopted	IS/ISO 9917-1 : 2007
9)	ISO 9917-2:2017	Dentistry — Water-based cements — Part 2: Resin-modified cements	Adopted	IS/ISO 9917-2 : 2017
10)	ISO 13116:2014	Dentistry — Test method for determining radio-opacity of materials	Adopted	IS 17696 : 2021 ISO 13116:2014
11)	ISO 15841:2014	Dentistry — Wires for use in orthodontics	Adopted	IS 18101 : 2023 ISO 15841:2014
12)	ISO 15841:2014/ Amd 1:2020	Dentistry — Wires for use in orthodontics — Amendment 1	Adopted	
13)	ISO/TS 16506:2017	Dentistry — Polymer-based luting materials containing adhesive components	Adopted	IS 17701 : 2021 ISO TS 16506:2017
14)	ISO 17254:2016	Dentistry — Coiled springs for use in orthodontics	Adopted	IS 17960 : 2022 ISO 17254:2016
15)	ISO17254:2016/ AMD 1:2020	Dentistry — Coiled springs for use in orthodontics — Amendment 1	Adopted	
16)	ISO 17304:2013	Dentistry — Polymerization shrinkage: Method for determination of polymerization shrinkage of polymer-based restorative materials	Adopted	IS/ISO 17304 : 2013
17)	ISO/TS 17988:2020	Dentistry — Corrosion test methods for dental amalgam	Adopted	IS 18868 : 2024/ISO/TS 17988 : 2020
18)	ISO 19023:2018	Dentistry — Orthodontic anchor screws	Adopted	IS/ISO 19023 : 2018
19)	ISO/TS 20746:2016	Dentistry — Determination of the strength of dental amalgam by the Hertzian indentation strength (HIT) method	Adopted	IS 18870 : 2024/ISO/TS 20746 : 2016
20)	ISO 20749:2023	Dentistry — Pre-capsulated dental amalgam	Not Adopted	
21)	ISO 21606:2022	Dentistry — Elastomeric auxiliaries for use in orthodontics	Adopted	IS 18810 : 2024/ISO 21606 : 2022
22)	ISO 23325:2020	Dentistry — Corrosion resistance of dental amalgam	Adopted	IS 18494 : 2024/ISO 23325 : 2020

23)	ISO 24234:2021	Dentistry — Dental amalgam	Adopted	IS 18495 : 2024/ISO 24234 : 2021
24)	ISO 27020:2019	Dentistry — Brackets and tubes for use in orthodontics	Adopted	IS/ISO 27020 : 2019
25)	ISO 29022:2013	Dentistry — Adhesion — Notched-edge shear bond strength test	Adopted	IS 17705 : 2021 ISO 29022:2013

Standard published under ISO/TC 106 SC 2
Prosthetic materials

Sl. No.	ISO No.	ISO Title	Status of adoption	Corresponding IS/Doc No.
1)	ISO 4823:2021	Dentistry — Elastomeric impression and bite registration materials	Adopted	IS 17774 : 2022 ISO 4823:2021
2)	ISO 6872:2024	Dentistry — Ceramic materials	Old edition Adopted	IS 18813 : 2024/ISO 6872 : 2015
3)	ISO 6873:2013	Dentistry — Gypsum products	Adopted	IS/ISO 6873 : 2013
4)	ISO 7491:2000	Dental materials — Determination of colour stability	Adopted	IS 12181 : 2018/ISO 7491 : 2000
5)	ISO 9333:2022	Dentistry — Brazing materials	Under Adoption	MHD/08/24114
6)	ISO 9693:2019	Dentistry — Compatibility testing for metal-ceramic and ceramic-ceramic systems	Not Adopted	
7)	ISO 10139-1:2018	Dentistry — Soft lining materials for removable dentures — Part 1: Materials for short-term use	Adopted	IS/ISO 10139-1 : 2018
8)	ISO 10139-2:2016	Dentistry — Soft lining materials for removable dentures — Part 2: Materials for long-term use	Adopted	IS/ISO 10139-2 : 2016
9)	ISO 10271:2020	Dentistry — Corrosion test methods for metallic materials	Under Adoption	MHD/08/25665
10)	ISO 10477:2020	Dentistry — Polymer-based crown and veneering materials	Adopted	IS 18496 : 2024/ISO 10477 : 2020
11)	ISO 13017:2020	Dentistry — Magnetic attachments	Under Adoption	MHD/08/25667

12)	ISO 13078-2:2016	Dentistry — Dental furnace — Part 2: Test method for evaluation of furnace programme via firing glaze	Not Adopted	
13)	ISO 13078-3:2023	Dentistry — Dental furnace — Part 3: Test method for the evaluation of high temperature sintering furnace measurement with a separate thermocouple	Not Adopted	
14)	ISO 13078:2013	Dentistry — Dental furnace — Test method for temperature measurement with separate thermocouple	Not Adopted	
15)	ISO 14233:2003	Dentistry — Polymer-based die materials	Not Adopted	
16)	ISO 14356:2024	Dentistry — Duplicating material	Not Adopted	
17)	ISO/TR 14569-1:2007	Dental materials — Guidance on testing of wear — Part 1: Wear by toothbrushing	Not Adopted	
18)	ISO/TS 14569-2:2001	Dental materials — Guidance on testing of wear — Part 2: Wear by two- and/or three body contact	Not Adopted	
19)	ISO 15854:2023	Dentistry — Casting and baseplate waxes	Adopted	IS 18684 : 2024/ISO 15854 : 2023
20)	ISO 15912:2016	Dentistry — Refractory investment and die material	Not Adopted	
21)	ISO/TS 19736:2017	Dentistry — Bonding test between polymer teeth and denture base materials	Not Adopted	
22)	ISO 20795-1:2013	Dentistry — Base polymers — Part 1: Denture base polymers	Adopted	IS 6887 (Part 1) : 2018 ISO 20795-1 : 2013
23)	ISO 20795-2:2013	Dentistry — Base polymers — Part 2: Orthodontic base polymers	Adopted	IS 6887 (Part 2) : 2018 ISO 20795-2 : 2013
24)	ISO 21563:2021	Dentistry — Hydrocolloid impression materials	Adopted	IS 17967 : 2022 (MOD)
25)	ISO 22112:2017	Dentistry — Artificial teeth for dental prostheses	Adopted	IS 18826 : 2024/ISO 22112 : 2017

26)	ISO 22598:2020	Dentistry — Colour tabs for intraoral tooth colour determination	Under Adoption	MHD/08/25671
27)	ISO 22674:2022	Dentistry — Metallic materials for fixed and removable restorations and appliances	Under Adoption & Old edition Adopted	MHD/08/24116 (IS/ISO 22674 : 2016)
28)	ISO 23401-1:2023	Dentistry — Chairside denture base relining materials — Part 1: Hard type materials	Adopted	IS 18811 (Part 1) : 2024/ISO 23401-1 : 2023
29)	ISO 28319:2018	Dentistry — Laser welding and filler materials	Not Adopted	
30)	ISO/TR 28642:2016	Dentistry — Guidance on colour measurement	Not Adopted	

Standard published under ISO/TC 106 SC 3
Terminology

Sl. No.	ISO No.	ISO Title	Status of adoption	Corresponding IS/Doc No.
1)	ISO 1942:2020	Dentistry — Vocabulary	Adopted	IS 17895 : 2023/ISO 1942:2020
2)	ISO 3950:2016	Dentistry — Designation system for teeth and areas of the oral cavity	Adopted	IS 8815 : 2019 ISO 3950 : 2016
3)	ISO 5365:2024	Dentistry — Designation system for tooth developmental stages	Under Adoption	MHD/08/25657
4)	ISO 10394:2023	Dentistry — Designation system for supernumerary teeth	Under Adoption	MHD/08/25666
5)	ISO/TR 15300:2001	Dentistry — Application of OSI clinical codification to the classification and coding of dental products	Not Adopted	
6)	ISO/TR 15599:2002	Digital codification of dental laboratory procedures	Adopted	IS/ISO/TR 15599 : 2002
7)	ISO/TR 15599:2002/Cor 1:2003	Digital codification of dental laboratory procedures — Technical Corrigendum 1	Adopted	
8)	ISO 16059:2007	Dentistry — Required elements for codification used in data exchange	Not Adopted	

9)	ISO 16202-1:2019	Dentistry — Nomenclature of oral anomalies — Part 1: Code for the representation of oral anomalies	Adopted	IS 18492 (Part 1) : 2024/ISO 16202-1 : 2019
10)	ISO 16202-2:2019	Dentistry — Nomenclature of oral anomalies — Part 2: Developmental anomalies of teeth	Adopted	IS 18492 (Part 2) : 2024/ISO 16202-2 : 2019
11)	ISO 16443:2014	Dentistry — Vocabulary for dental implants systems and related procedure	Adopted	IS 18191 : 2023/ISO 16443:2014
12)	ISO 20888:2020	Dentistry — Vocabulary and designation system for forensic oro-dental data	Adopted	IS 18217 : 2023/ISO 20888:2020
13)	ISO 24395:2023	Dentistry — Classification of tooth restorations preparation	Under Adoption	MHD/08/25674

**Standard published under ISO/TC 106 SC 4
Dental instruments**

Sl. No.	ISO No.	ISO Title	Status of adoption	Corresponding IS/Doc No.
1)	ISO 1797:2017	Dentistry — Shanks for rotary and oscillating instruments	Adopted	IS/ISO 1797 : 2017
2)	ISO 2157:2016	Dentistry — Nominal diameters and designation code numbers for rotary instruments	Adopted	IS/ISO 2157 : 2016
3)	ISO 3630-1:2019	Dentistry — Endodontic instruments — Part 1: General requirements	Adopted	IS 17859 (Part 1) : 2022 ISO 3630-1:2019
4)	ISO 3630-2:2023	Dentistry — Endodontic instruments — Part 2: Enlargers	Adopted	IS 17859 (Part 2) : 2024/ISO 3630-2 : 2023
5)	ISO 3630-3:2021	Dentistry — Endodontic instruments — Part 3: Compactors	Adopted	IS 17859 (Part 3) : 2023 ISO 3630-3:2021
6)	ISO 3630-4:2023	Dentistry — Endodontic instruments — Part 4: Auxiliary instruments	Adopted	IS 17859 (Part 4) : 2024/ISO 3630-4 : 2023
7)	ISO 3630-5:2020	Dentistry — Endodontic instruments — Part 5: Shaping and cleaning instruments	Adopted	IS 17859 (Part 5) : 2023 ISO 3630-5:2020

8)	ISO/TR 3630-6:2023	Dentistry — Endodontic instruments — Part 6: Numeric coding system	Adopted	IS 17859 (Part 6) : 2024/ISO/TR 3630-6 : 2023
9)	ISO 3823-1:1997	Dental rotary instruments — Burs — Part 1: Steel and carbide burs	Adopted	IS 10663 : 2003 ISO 3823-1: 1997
10)	ISO 3823-2:2003	Dentistry — Rotary bur instruments — Part 2: Finishing burs	Adopted	IS 10664 (Part 2) : 2022 (MOD)
11)	ISO 3823-2:2003/Amd 1:2008	Dentistry — Rotary bur instruments — Part 2: Finishing burs — Amendment 1	Not Adopted	
12)	ISO 3964:2016	Dentistry — Coupling dimensions for handpiece connectors	Adopted	IS 12374 : 2020 ISO 3964 : 2016
13)	ISO 3964:2016/Amd 1:2018	Dentistry — Coupling dimensions for hand piece connectors — Amendment 1	Not Adopted	
14)	ISO 4865-1:2023	Dentistry — General requirements of hand instruments — Part 1: Non-hinged hand instruments	Under Adoption	MHD/08/25655
15)	ISO 6360-1:2004	Dentistry — Number coding system for rotary instruments — Part 1: General characteristics	Adopted	IS/ISO 6360-1 : 2004
16)	ISO 6360-1:2004/Cor 1:2007	Dentistry — Number coding system for rotary instruments — Part 1: General characteristics — Technical Corrigendum 1	Not Adopted	
17)	ISO 6360-2:2004	Dentistry — Number coding system for rotary instruments — Part 2: Shapes	Adopted	IS/ISO 6360-2 : 2004
18)	ISO 6360-2:2004/Amd 1:2011	Dentistry — Number coding system for rotary instruments — Part 2: Shapes — Amendment 1	Not Adopted	
19)	ISO 6360-3:2005	Dentistry — Number coding system for rotary instruments — Part 3: Specific characteristics of burs and cutters	Adopted	IS 18681 (Part 3) : 2024/ ISO 6360-3 : 2005
20)	ISO 6360-4:2004	Dentistry — Number coding system for rotary instruments — Part 4: Specific characteristics of diamond instruments	Adopted	IS 18681 (Part 4) : 2024/ISO 6360-4 : 2004
21)	ISO 6360-5:2007	Dentistry — Number coding system for rotary instruments — Part 5: Specific characteristics of root-canal instruments	Adopted	IS/ISO 6360-5 : 2007

22)	ISO 6360-6:2004	Dentistry — Number coding system for rotary instruments — Part 6: Specific characteristics of abrasive instruments	Adopted	IS 18681 (Part 6) : 2024/ISO 6360-6 : 2004
23)	ISO 6360-7:2006	Dentistry — Number coding system for rotary instruments — Part 7: Specific characteristics of mandrels and special instruments	Adopted	IS 18681 (Part 7) : 2024/ISO 6360-7 : 2006
24)	ISO 7492:2019	Dentistry — Dental explorer	Adopted	IS 17749 : 2021 ISO 7492:2019
25)	ISO 7711-1:2021	Dentistry — Diamond rotary instruments — Part 1: General requirements	Adopted	IS 18683 (Part 1) : 2024/ISO 7711-1 : 2021
26)	ISO 7711-2:2011	Dentistry — Rotary diamond instruments — Part 2: Discs	Adopted	IS 18683 (Part 2) : 2024/ISO 7711-2 : 2011
27)	ISO 7786:2001	Dental rotary instruments — Laboratory abrasive instruments	Adopted	IS/ISO 7786 : 2001
28)	ISO 7787-1:2016	Dentistry — Laboratory cutters — Part 1: Steel laboratory cutters	Under Adoption	MHD/08/25658
29)	ISO 7787-2:2020	Dentistry — Laboratory cutters — Part 2: Carbide laboratory cutters	Under Adoption	MHD/08/25659
30)	ISO 7787-3:2017	Dentistry — Laboratory cutters — Part 3: Carbide cutters for milling machines	Under Adoption	MHD/08/25660
31)	ISO 7787-4:2002	Dental rotary instruments — Cutters — Part 4: Miniature carbide laboratory cutters	Under Adoption	MHD/08/25661
32)	ISO 7885:2010	Dentistry — Sterile injection needles for single use	Adopted	IS 18677 : 2024/ISO 7885 : 2010
33)	ISO 8325:2023	Dentistry — Test methods for rotary instruments	Adopted	IS 13701 : 2024/ISO 8325: 2023
34)	ISO 9168:2009	Dentistry — Hose connectors for air driven dental handpieces	Adopted	IS 12764 : 2019 ISO 9168 : 2009
35)	ISO 9173-1:2016	Dentistry — Extraction forceps — Part 1: General requirements	Under Adoption	MHD/08/25662
36)	ISO 9173-2:2010	Dentistry — Extraction forceps — Part 2: Designation	Under Adoption	MHD/08/25663
37)	ISO 9173-3:2014	Dentistry — Extraction forceps — Part 3: Design	Under Adoption	MHD/08/25664

38)	ISO 9873:2019	Dentistry — Intra-oral mirrors	Adopted	IS 6020 : 2022 (MOD)
39)	ISO 9997:2020	Dentistry — Cartridge syringes	Adopted	IS 17703 : 2021 ISO 9997 : 2020
40)	ISO 10323:2013	Dentistry — Bore diameters for rotary instruments such as discs and wheels	Not Adopted	
41)	ISO 11499:2014	Dentistry — Single-use cartridges for local anaesthetics	Adopted	IS 18675 : 2024/ISO 11499 : 2014
42)	ISO 13295:2007	Dentistry — Mandrels for rotary instruments	Not Adopted	
43)	ISO 13397-1:1995	Periodontal curettes, dental scalers and excavators — Part 1: General requirements	Adopted	IS/ISO 13397-1 : 1995
44)	ISO 13397-2:2005	Dentistry — Periodontal curettes, dental scalers and excavators — Part 2: Periodontal curettes of Gr-type	Adopted	IS 18682 (Part 2) : 2024/ISO 13397-2 : 2005
45)	ISO 13397-2:2005/Am d 1:2012	Dentistry — Periodontal curettes, dental scalers and excavators — Part 2: Periodontal curettes of Gr-type — Amendment 1: Colour coding	Not Adopted	
46)	ISO 13397-3:1996	Periodontal curettes, dental scalers and excavators — Part 3: Dental scalers — H-type	Adopted	IS 18682 (Part 3) : 2024/ISO 13397-3 : 1996
47)	ISO 13397-5:2015	Dentistry — Periodontal curettes, dental scalers and excavators — Part 5: Jacquette scalers	Not Adopted	
48)	ISO 13504:2012	Dentistry — General requirements for instruments and related accessories used in dental implant placement and treatment	Not Adopted	
49)	ISO 14457:2017	Dentistry — Handpieces and motors	Adopted	IS 17700 : 2021
50)	ISO 15087-1:1999	Dental elevators — Part 1: General requirements	Adopted	IS 18493 (Part 1) : 2024/ISO 15087-1 : 1999
51)	ISO 15087-2:2000	Dental elevators — Part 2: Warwick James elevators	Adopted	IS 18493 (Part 2) : 2024/ISO 15087-2 : 2000

52)	ISO 15087-3:2000	Dental elevators — Part 3: Cryer elevators	Adopted	IS 18493 (Part 3) : 2024/ISO 15087-3 : 2000
53)	ISO 15087-4:2000	Dental elevators — Part 4: Coupland elevators	Adopted	IS 18493 (Part 4) : 2024/ISO 15087-4 : 2000
54)	ISO 15087-5:2000	Dental elevators — Part 5: Bein elevators	Adopted	IS 18493 (Part 5) : 2024/ISO 15087-5 : 2000
55)	ISO 15087-6:2000	Dental elevators — Part 6: Flohr elevators	Adopted	IS 18493 (Part 6) : 2024/ISO 15087-6 : 2000
56)	ISO 15098:2024	Dentistry — Dental tweezers	Old edition Adopted	IS 18686 : 2024/ISO 15098 : 2020
57)	ISO 16635-1:2013	Dentistry — Dental rubber dam technique — Part 1: Hole punch	Adopted	IS 18502 (Part 1) : 2024/ISO 16635-1 : 2013
58)	ISO 16635-2:2014	Dentistry — Dental rubber dam instruments — Part 2: Clamp forceps	Adopted	IS 18502 (Part 2) : 2024/ISO 16635-2 : 2014
59)	ISO 17509:2016	Dentistry — Torque transmitter for handpieces	Adopted	IS 18610 : 2024/ISO 17509 : 2016
60)	ISO 17937:2015	Dentistry — Osteotome	Adopted	IS/ISO 17937 : 2015
61)	ISO 18397:2016	Dentistry — Powered scaler	Not Adopted	
62)	ISO 18556:2016	Dentistry — Intraoral spatulas	Adopted	IS 18503 : 2024/ISO 18556 : 2016
63)	ISO 19490:2017	Dentistry — Sinus membrane elevator	Adopted	IS/ISO 19490 : 2017
64)	ISO 19715:2017	Dentistry — Filling instrument with contra angle	Not Adopted	
65)	ISO 20569:2018	Dentistry — Trepine burs	Under Adoption	MHD/08/25669
66)	ISO 20570:2018	Dentistry — Oral surgical scalpel handle	Adopted	IS 18498 : 2024
67)	ISO 20608:2018	Dentistry — Powder jet handpieces and powders	Under Adoption	MHD/08/25670

68)	ISO 21531:2009	Dentistry — Graphical symbols for dental instruments	Not Adopted	
69)	ISO 21533:2018	Dentistry — Reprocessable cartridge syringes for intraligamentary injections	Adopted	IS 18780 : 2024/ISO 21533 : 2018
70)	ISO 21671:2006	Dentistry — Rotary polishers	Not Adopted	
71)	ISO 21671:2006/Amd 1:2011	Dentistry — Rotary polishers — Amendment 1	Not Adopted	
72)	ISO 21672-1:2012	Dentistry — Periodontal probes — Part 1: General requirements	Adopted	IS/ISO 21672-1 : 2012
73)	ISO 21672-2:2012	Dentistry — Periodontal probes — Part 2: Designation	Adopted	IS/ISO 21672-2 : 2012
74)	ISO 21850-1:2020	Dentistry — Materials for dental instruments — Part 1: Stainless steel	Adopted	IS 18781 (Part 1) : 2024/ISO 21850-1 : 2020
75)	ISO 22569:2020	Dentistry — Multifunction handpieces	Adopted	IS 18787: 2024/ISO 22569 : 2020
76)	ISO 22570:2020	Dentistry — Spoons and bone curettes	Adopted	IS 18778 : 2024/ISO 22570 : 2020
77)	ISO 23445:2021	Dentistry — Tissue punches	Adopted	IS 18776 : 2024/ISO 23445 : 2021
78)	ISO 23450:2021	Dentistry — Intraoral camera	Adopted	IS 18775 : 2024/ISO 23450 : 2021
79)	ISO 23940:2021	Dentistry — Excavators	Adopted	IS 18788 : 2024/ISO 23940 : 2021

Standard published under ISO/TC 106 SC 6
- Dental equipment

Sl. No.	ISO No.	ISO Title	Status of adoption	Corresponding IS/Doc No.
1)	ISO 4073:2009	Dentistry — Information system on the location of dental equipment in the working area of the oral health care provider	Adopted	IS 10798 : 2019 ISO 4073 : 2009

2)	ISO 5467-1:2022	Dentistry — Mobile dental units and dental patient chairs — Part 1: General requirements	Adopted	IS 18790 (Part 1) : 2024/ISO 5467-1 : 2022
3)	ISO 5467-2:2022	Dentistry — Mobile dental units and dental patient chairs — Part 2: Air, water, suction and wastewater systems	Adopted	IS 18790 (Part 2) : 2024/ISO 5467-2 : 2022
4)	ISO 7488:2018	Dentistry — Mixing machines for dental amalgam	Not Adopted	
5)	ISO 7493:2006	Dentistry — Operator's stool	Adopted	IS 8346 : 2018 ISO 7493 : 2006
6)	ISO 7494-1:2018	Dentistry — Stationary dental units and dental patient chairs — Part 1: General requirements	Adopted	IS 6116 (Part 1) : 2021 ISO 7494-1:2018
7)	ISO 7494-2:2022	Dentistry — Stationary dental units and dental patient chairs — Part 2: Air, water, suction and wastewater systems	Adopted	IS 6116 (Part 2) : 2024/ISO 7494-2 : 2022
8)	ISO 9680:2021	Dentistry — Operating lights	Adopted	IS 18497 : 2024/ISO 9680 : 2021
9)	ISO 9687:2015	Dentistry — Graphical symbols for dental equipment	Not Adopted	
10)	ISO 9687:2015/ AMD 1:2018	Dentistry — Graphical symbols for dental equipment — Amendment 1	Not Adopted	
11)	ISO 10637:2018	Dentistry — Central suction source equipment	Adopted	IS 18634 : 2024/ISO 10637 : 2018
12)	ISO 10650:2018	Dentistry — Powered polymerization activators	Not Adopted	
13)	ISO 11143:2008	Dentistry — Amalgam separators	Not Adopted	
14)	ISO 13897:2018	Dentistry — Dental amalgam reusable mixing-capsules	Not Adopted	
15)	ISO 16954:2015	Dentistry — Test methods for dental unit waterline biofilm treatment	Adopted	IS/ISO 16954 : 2015
16)	ISO 21530:2004	Dentistry — Materials used for dental equipment surfaces — Determination of resistance to chemical disinfectants	Not Adopted	
17)	ISO 22052:2020	Dentistry — Central compressed air source equipment	Not Adopted	
18)	ISO 23402-1:2020	Dentistry — Portable dental equipment for use in non-permanent healthcare	Not Adopted	

		environment — Part 1: General requirements		
19)	ISO 23402-3:2024	Dentistry — Portable dental equipment for use in non-permanent healthcare environment — Part 3: Portable suction equipment	Not Adopted	
20)	IEC 80601-2-60:2019	Medical electrical equipment — Part 2-60: Particular requirements for the basic safety and essential performance of dental equipment	Not Adopted	

Standard published under ISO/TC 106 SC 7
Oral care products

Sl. No.	ISO No.	ISO Title	Status of adoption	Corresponding IS/Doc No.
1)	ISO 10873:2021	Dentistry — Denture adhesives	Adopted	IS 17968 : 2022
2)	ISO 11609:2017	Dentistry — Dentifrices — Requirements, test methods and marking	Adopted	IS 18798 : 2024/ISO 11609 : 2017
3)	ISO 16408:2015	Dentistry — Oral care products — Oral rinses	Adopted	IS 18822 : 2024/ISO 16408 : 2015
4)	ISO 16409:2016	Dentistry — Oral care products — Manual interdental brushes	Adopted	IS 17961 : 2022 ISO 16409:2016
5)	ISO 17730:2020	Dentistry — Fluoride varnishes	Adopted	IS 17704 : 2021 ISO 17730:2020
6)	ISO 19448:2018	Dentistry — Analysis of fluoride concentration in aqueous solutions by use of fluoride ion-selective electrode	Adopted	IS 18779 : 2024/ISO 19448 : 2018
7)	ISO 20126:2022	Dentistry — Manual toothbrushes — General requirements and test methods	Under Adoption	MHD/08/25668
8)	ISO 20127:2020	Dentistry — Physical properties of powered toothbrushes	Not Adopted	
9)	ISO 22254:2005	Dentistry — Manual toothbrushes — Resistance of tufted portion to deflection	Adopted	IS 18786 : 2024/ISO 22254 : 2005
10)	ISO 28158:2018	Dentistry — Integrated dental floss and handles	Adopted	IS 17702 : 2021 ISO 28158: 2018

11)	ISO 28399:2021	Dentistry — External tooth bleaching products	Under Adoption	MHD/08/25675
12)	ISO 28888:2013	Dentistry — Screening method for erosion potential of oral rinses on dental hard tissues	Not Adopted	

Standard published under ISO/TC 106 SC 8
Dental implants

Sl. No.	ISO No.	ISO Title	Status of adoption	Corresponding IS/Doc No.
1)	ISO 10451:2010	Dentistry — Contents of technical file for dental implant systems	Adopted	IS/ISO 10451 : 2010
2)	ISO 11953:2010	Dentistry — Implants — Clinical performance of hand torque instruments	Adopted	IS/ISO 11953 : 2010
3)	ISO/TS 13498:2011	Dentistry — Torsion test of implant body/connecting part joints of endosseous dental implant systems	Adopted	IS 18729 : 2024/ ISO/TS 13498 : 2011
4)	ISO 14801:2016	Dentistry — Implants — Dynamic loading test for endosseous dental implants	Adopted	IS/ISO 14801 : 2016
5)	ISO 16498:2013	Dentistry — Minimal dental implant data set for clinical use	Adopted	IS 18679 : 2024/ISO 16498 : 2013
6)	ISO/TR 18130:2016	Dentistry — Screw loosening test using cyclic torsional loading for implant body/implant abutment connection of endosseous dental implants	Not Adopted	
7)	ISO 19429:2015	Dentistry — Designation system for dental implants	Adopted	IS 18670 : 2024/ISO 19429 : 2015
8)	ISO 22683:2022	Dentistry — Rotational adaptability test between implant body and implant abutment in dental implant systems	Under Adoption	MHD/08/25672
9)	ISO 22794:2007	Dentistry — Implantable materials for bone filling and augmentation in oral and maxillofacial surgery — Contents of a technical file	Adopted	IS 17697 : 2021/ISO 22794:2007
10)	ISO 22803:2004	Dentistry — Membrane materials for guided tissue regeneration in oral and maxillofacial surgery — Contents of a technical file	Adopted	IS 17698 : 2021/ISO 22803:2004

Standard published under ISO/TC 106 SC 9
Dental CAD/CAM systems

Sl. No.	ISO No.	ISO Title	Status of adoption	Corresponding IS/Doc No.
1)	ISO 5139:2023	Dentistry — Polymer-based composite machinable blanks	Under Adoption	MHD/08/25656
2)	ISO 12836:2015	Dentistry — Digitizing devices for CAD/CAM systems for indirect dental restorations — Test methods for assessing accuracy	Adopted	IS 18491 : 2024/ISO 12836 : 2015
3)	ISO 18618:2022	Dentistry — Interoperability of CAD/CAM systems	Adopted	IS 18490 : 2024/ISO 18618 : 2022
4)	ISO 18675:2022	Dentistry — Machinable ceramic blanks	Adopted	IS 18825 : 2024/ISO 18675 : 2022
5)	ISO 18739:2016	Dentistry — Vocabulary of process chain for CAD/CAM systems	Adopted	IS 18672 : 2024/ISO 18739 : 2016
6)	ISO 20896-1:2019	Dentistry — Digital impression devices — Part 1: Methods for assessing accuracy	Adopted	IS 18489 (Part 1) : 2024
7)	ISO/TR 20896-2:2023	Dentistry — Digital impression devices — Part 2: Methods for assessing accuracy for implanted devices	Not Adopted	
8)	ISO/TR 22710:2019	Dentistry — Vocabulary of process chain from dental CT to CAD/CAM for implant prosthetic restorations — Backward planning in the digital process chain	Adopted	IS 18777 : 2024/ISO/TR 22710 : 2019
9)	ISO 23298:2023	Dentistry — Test methods for machining accuracy of computer-aided milling machines	Under Adoption	MHD/08/25673

ANNEXURE E
([Clause 12.1.2](#))

INDIAN STANDARDS PUBLISHED BEFORE YEAR 2000

Sl. No	IS Number	IS Title	Remarks
1)	IS 10012 : 1981	Specification for dental zinc oxide/eugenol filling materials	Superseded by IS 18789 : 2024/ISO 3107 : 2022
2)	IS 3887 : 1978	General requirements for cutting type dental instruments (First Revision)	Superseded by IS 3887 : 2024
3)	IS 5004 : 1968	Specification for spoons, cutting dental, No. 1/2, 3/4 and 5/6	Superseded by IS 5004 : 2024
4)	IS 5227 : 1969	Specification for flasks, dental	Superseded by IS 5227 : 2024
5)	IS 5965 : 1970	Specification for frame, rubber dam, dental	Superseded by IS 18502 (Part 2) : 2024/ISO 16635-2 : 2014
6)	IS 6037 : 1970	Specification for zinc oxide - Eugenol dental impression paste	Superseded by IS 18789 : 2024/ISO 3107 : 2022
7)	IS 6039 : 1970	Specification for zinc oxide - Eugenol dental cement	Superseded by IS 18789 : 2024/ISO 3107 : 2022
8)	IS 8021 : 1975	Specification for dental sticky wax	Superseded by IS 8021 : 2024
9)	IS 8571 : 1977	Specification for dental porcelain	Superseded by IS 18813 : 2024/ISO 6872 : 2015
10)	IS 9003 : 1978	Specification for acrylizer (Curing Unit)	Superseded by IS 9003 : 2024
11)	IS 3879 : 1967	Specification for wax spatula, dental	Superseded by IS 18503 : 2024/ISO 18556 : 2016
12)	IS 3888 : 1987	Specification for spatula, stainless steel, dental (First Revision)	Superseded by IS 18503 : 2024/ISO 18556 : 2016
13)	IS 4679 : 1968	Specification for spatula, plaster, dental, curved and straight	Superseded by IS 18503 : 2024/ISO 18556 : 2016
14)	IS 4680 : 1968	Specification, for spatula, wax, dental, No. 2	Superseded by IS 18503 : 2024/ISO 18556 : 2016

15)	IS 4715 : 1968	Specification for excavators, dental, No. Ex 112, 3/4, 516, 718, s/10, 11112 and 13/14 z	Superseded by IS 4715 : 2024
16)	IS 5005 : 1968	Specification for burnisher, dental, No. BRN 1/2	Superseded by IS 5005 : 2024
17)	IS 5017 : 1968	Specification for carvers, dental, No. CAR 1/2, 314 and 5/6	Superseded by IS 5017 : 2024
18)	IS 5185 : 1969	Specification for articulators, dental	Superseded by IS 5185 : 2024
19)	IS 5541 : 1970	Specification for spatula, plastics, clear and colourless, dental	Superseded by IS 18503 : 2024/ISO 18556 : 2016
20)	IS 5879 : 1970	Specification for punch, rubber dam, dental	Superseded by IS 18502 (Part 1) : 2024/ISO 16635-1 : 2013
21)	IS 6404 : 1971	Specification for tweezers, dental, No. 1, 2 and 3	Superseded by IS 18686 : 2024/ISO 15098 : 2020
22)	IS 6888 : 1986	Specification for dental inlay casting wax (First Revision)	Superseded by IS 18684 : 2024/ISO 15854 : 2023
23)	IS 7966 : 1976	Specification for dental modelling wax	Superseded by IS 18684 : 2024/ISO 15854 : 2023
24)	IS 8020 : 1976	Specification for baseplate, dental	Superseded by IS 18684 : 2024/ISO 15854 : 2023
25)	IS 8283 : 1976	Specification for tweezers, soldering	Superseded by IS 18686 : 2024/ISO 15098 : 2020
26)	IS 8527 : 1977	Specification for tweezers, extraction, dental	Superseded by IS 18686 : 2024/ISO 15098 : 2020
27)	IS 9932 : 1981	Specification for recommendations for lighting of dental operatories	Superseded by IS 18497 : 2024/ISO 9680 : 2021
28)	IS/ISO 7492 : 1997	Dental explorers	Superseded by IS 17749:2021/ ISO 7492:2019
29)	IS 10866 : 1984	Specification for abrasives dental	To be withdrawn
30)	IS 13710 : 1993	Dental materials - Dental zinc polycarboxylate cements - Specification	To be withdrawn
31)	IS 5180 : 1969	Specification for needles, hypodermic, dental	To be withdrawn
32)	IS 5584 : 1970	Specification for syringe, hypodermic,	To be withdrawn

		cartridge, dental, pivot breech cap type	
33)	IS 8019 : 1976	Specification for dental artificial stone	To be withdrawn
34)	IS 4976 : 1987	Specification for forceps extraction, dental, upper anteriors, No. 1 and 2 (First Revision)	To be withdrawn
35)	IS 4977 : 1968	Forceps, Extraction, Dental, Lower Molar, Hawk's Bill, No. 1	To be withdrawn
36)	IS 6402 : 1986	Specification for forceps, rubber dam clamp and cotton roll clamp, dental (First Revision)	To be withdrawn
37)	IS 6823 : 1972	Specification for forceps, extraction, dental, lower molars	To be withdrawn
38)	IS 6824 : 1972	Specification for forceps, extraction, dental, lower wisdom tooth	To be withdrawn
39)	IS 6825 : 1972	Specification for forceps, extraction dental upper cuspids and bicusPids	To be withdrawn
40)	IS 6826 : 1972	Specification for forceps, extraction, dental, lower incisors, cuspids and bicuspid, left	To be withdrawn
41)	IS 6827 : 1972	Specification for forceps, extraction, dental, upper molars, left	To be withdrawn
42)	IS 6828 : 1972	Specification for forceps, extraction, dental, upper molars, right	To be withdrawn
43)	IS 6856 : 1972	Forceps, Extraction, Dental, Upper Root, Narrow Beak	To be withdrawn
44)	IS 6858 : 1972	Specification for forceps, extraction, dental, lower incisors, cuspids and bicuspid	To be withdrawn
45)	IS 6859 : 1972	Specification for forceps, extraction, dental, upper root, wide beak	To be withdrawn
46)	IS 6866 : 1986	Specification for forceps, extraction, dental, upper wisdom tooth (First Revision)	To be withdrawn
47)	IS 6867 : 1972	Specification for forceps, extraction, dental, upper root, medium beak	To be withdrawn
48)	IS 6868 : 1991	Dental instruments - Dental extraction forceps - Specification (First Revision)	To be withdrawn
49)	IS 8044 : 1976	Specification for forceps, extraction, dental, lower molar, children	To be withdrawn
50)	IS 8045 : 1976	Specification for forceps, extraction, dental, lower incisors and canines, children	To be withdrawn
51)	IS 8046 : 1976	Specification for forceps, extraction, dental, upper incisors and canines, children	To be withdrawn
52)	IS 8047 : 1976	Specification for forceps, extraction, dental, upper molar, children	To be withdrawn
53)	IS 8207 : 1976	Specification for forceps, rongeur, dental	To be withdrawn
54)	IS 10088 : 1981	Specification for retractor, dental	WC completed
55)	IS 10309 : 1982	Specification for key, torquing, edgewise	WC completed
56)	IS 10353 : 1982	Pliers, McKellops' Type, Dental	WC completed

57)	IS 3877 : 1967	Specification for wax knife, dental	WC completed
58)	IS 5178 : 1969	Specification for gingival margin trimmers, dental, No. GMT 1/2,3/14,5/6 and 718	WC completed
59)	IS 5211 : 1969	Specification for scissors, dental No. 1, straight and curved on flat	WC completed
60)	IS 5212 : 1969	Specification for scissors, crown, dental, straight and curved on flat	WC completed
61)	IS 5217 : 1969	Specification for clamp, flask, dental	WC completed
62)	IS 5763 : 1970	Specification for occlusal plane guide, dental	WC completed
63)	IS 6815 : 1972	Specification for retainers, matrix, dental, No. 1 and 2	WC completed
64)	IS 6822 : 1972	Cutter, Distal Arch Wire, Dental	WC completed
65)	IS 7066 : 1973	Specification for trays, instrument - Cabinet, dental	WC completed
66)	IS 7334 : 1988	Specification for pliers, clasp adjusting, dental (First Revision)	WC to be circulated
67)	IS 8528 : 1988	Specification for pliers, anterior band forming, double beak, dental (First Revision)	WC to be circulated
68)	IS 8529 : 1989	Dental instruments - Pliers, posterior band forming, double beak specification (First Revision)	WC to be circulated
69)	IS 8948 : 1989	Dental instruments - Pliers, ligature tying - Specification (First Revision)	WC to be circulated
70)	IS 8949 : 1989	Dental Instruments - Pliers, Curved, Howe's Pattern	WC to be circulated
71)	IS 7425 : 1974	Specification for dental casting investment for gold alloys	WC to be circulated
72)	IS 7467 : 1974	Specification for bands, matrix, dental, No. 1 and 2	WC to be circulated
73)	IS 10354 : 1982	Specification for torch, alcohol, dental	WC to be circulated
74)	IS 10828 : 1984	Pliers, Band Contouring, Dental Johnson's Pattern	WC to be circulated
75)	IS 10836 (Part 1) : 1984	Pliers, Loop Bending, Dental, Tweed's Pattern - Part 1 : Fixed Beak, Type 1	WC to be circulated
76)	IS 11044 : 1984	Specification for acrylic trimmers, dental	WC to be circulated
77)	IS 11045 : 1984	Specification for metal trimmers, dental	WC to be circulated
78)	IS 11317 : 1985	Specification for shears, laboratory, straight, dental	WC to be circulated
79)	IS 11394 : 1985	Specification for pliers, distal end cutting, with safety hold, dental	WC to be circulated
80)	IS 11929 : 1986	Specification for adopters, band, dental	WC to be circulated
81)	IS 12507 : 1988	General requirements for dental pliers	WC to be circulated
82)	IS 12601 : 1989	Dental instruments - Pliers, lip-safe, flat nose - Specification	WC to be circulated

83)	IS 12602 : 1989	Dental instruments - Nippers, cutting, carbide tip - Specification	WC to be circulated
84)	IS 3875 : 1983	Specification for hot plate, wax levelling, dental (First Revision)	WC to be circulated
85)	IS 3876 : 1985	Specification for knife, plaster, dental (First Revision)	WC to be circulated
86)	IS 3878 : 1967	Specification for plaster shears, dental	WC to be circulated
87)	IS 3889 : 1985	Specification for chisels, dental (First Revision)	WC to be circulated
88)	IS 3890 (Part 1) : 1986	Specification for instruments, plastic filling, dental: Part 1 designation numbers 1, 3, 4, 5 and 6 (First Revision)	WC to be circulated
89)	IS 4316 : 1991	Orthodontic pliers, snipe nose - Shape, dimensions and tests (First Revision)	WC to be circulated
90)	IS 4319 (Part 2) : 1986	Specification for pliers, stretching and contouring, dental: Part 2 pliers, contouring (First Revision)	WC to be circulated
91)	IS 4714 : 1985	Specification for scalers, dental, No. Sc 1/2, 3/4 and 5/6 (First Revision)	WC to be circulated
92)	IS 4975 : 1986	Specification for elevators, dental, No. 1, 2 and 3 (First Revision)	WC to be circulated
93)	IS 5181 : 1969	Specification for press, flask, dental	WC to be circulated
94)	IS 5576 : 1985	Specification for carriers, amalgam, dental, No. 1 and 2 (First Revision)	WC to be circulated
95)	IS 5582 : 1986	Specification for mandrels, dental, No. 1, 2 and 3 (First Revision)	WC to be circulated
96)	IS 5794 : 1986	Specification - For pliers, pin - Roughening and bending, dental (First Revision)	WC to be circulated
97)	IS 5795 : 1991	Orthodontic pliers, Crown and ligating, Howe's pattern - Shape, dimensions and tests	WC to be circulated
98)	IS 6038 : 1979	Specification for dental impression (Modeling) compound (First Revision)	WC to be circulated
99)	IS 6292 : 1986	Specification for cotton wool holder, dental (First Revision)	WC to be circulated
100)	IS 6829 : 1991	Dental instruments - Orthodontic pliers, angle wire bending - Shape, dimensions and tests (First Revision)	WC to be circulated
101)	IS 6846 : 1972	General requirements for control unit for air turbine, dental	WC to be circulated
102)	IS 6870 : 1986	Specification for pliers, loop bending, dental (First Revision)	WC to be circulated
103)	IS 7333 : 1991	Orthodontic pliers, spring forming - Shape and dimensions (First Revision)	WC to be circulated
104)	IS 7335 : 1974	Specification for pliers, closing loop, nance	WC to be circulated

		type, dental	
105)	IS 7338 : 1991	Orthodontic pliers, band removing, posterior - Shape and dimensions (First Revision)	WC to be circulated
106)	IS 7340 : 1974	Specification for pliers, pin and ligature cutting, dental	WC to be circulated
107)	IS 7474 : 1986	Specification for pliers, collar, dental (First Revision)	WC to be circulated
108)	IS 7476 : 1974	Specification for nippers, cutting, dental	WC to be circulated
109)	IS 7676 : 1975	Specification for chisel, osseous, dental	WC to be circulated
110)	IS 7677 : 1986	Specification for exolevers, apical, dental	WC to be circulated
111)	IS 7780 : 1975	Specification for pliers, ligature forming, dental	WC to be circulated
112)	IS 7781 : 1975	Specification for pliers, angle ribbon arch with groove, dental	WC to be circulated
113)	IS 7833 : 1975	Specification for knives, Gingivectomy, Dental	WC to be circulated
114)	IS 7853 : 1975	Specification for surveyor, cast, dental	WC to be circulated
115)	IS 8284 : 1976	Pusher, Band, Dental, Mershon's Pattern	WC to be circulated
116)	IS 8287 : 1986	Specification for pliers, band stretching and contouring, parrot beak, dental (First Revision)	WC to be circulated
117)	IS 8850 : 1978	Guide for use of dental materials	WC to be circulated
118)	IS 8864 : 1978	Specification for auto polymerizing (Acrylic) resins for dental use	WC to be circulated
119)	IS 9699 : 1981	Specification for chisel, dental, large	WC to be circulated
120)	IS 9717 : 1980	Specification for trays, impression, dental	WC to be circulated
121)	IS 9774 : 1981	Specification for pliers, bracket opening, dental	WC to be circulated
122)	IS 3890 (Part 2) : 1967	Specification for instruments, plastic filling, dental: Part ii designation numbers 12, 20, 21, 46, 47, 153 and 183	WC to be circulated
123)	IS 7627 : 1975	Gag, Mouth, Mason's Pattern	Circulated with committee members