

BUREAU OF INDIAN STANDARDS

Program of Work

MHD 4 : Ear, Nose And Throat Surgery Instruments

Scope: To formulate Indian Standards for diagnostic, examining, surgical instruments, devices and implants used in Ear, Nose, Throat and Head & Neck Surgery, excluding specific instruments under the scope of MHD 01 “Surgical Instruments” and MHD 08 “Dentistry”.

Liaison:

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10272 : 1982 Reviewed In : 2022	Specification for draffin suspension apparatus	January, 2022	1	Indigenous
2	IS 10308 : 1982 Reviewed In : 2022	Tracheostomy Tubes and Guides, Cubley's Pattern	January, 2022	-	Indigenous
3	IS 10344 : 2024	Davis-Boyle Gag Frame and Tongue Plates Specification First Revision		-	Indigenous
4	IS 10725 : 2024	Myringotomy Knife Specification (First Revision)		-	Indigenous
5	IS 10726 : 2024	Meatal Skin Incision Knife Specification (First Revision)		-	Indigenous
6	IS 10786 : 2024	St. Clair Thomsons Rhinoscopic Mirror Specification (First Revision)		-	Indigenous
7	IS 10846 : 2024	Killian's Pattern Nasal Speculum - Specification (First Revision)		-	Indigenous
8	IS 11318 : 1985 Reviewed In : 2022	Bronchoscope, Aspirating, Negus' Pattern	January, 2022	-	Indigenous
9	IS 11319 : 1985 Reviewed In : 2022	Oesophagoscope, Negus' Pattern	January, 2022	-	Indigenous
10	IS 12901 (Part 1) : 2024	Laryngeal Forceps Part 1 Fine Grasping Crocodile Jaws Straight Specification (First Revision)		-	Indigenous
11	IS 12901 (Part 2) : 2024	Laryngeal Forceps Part 2 Oval Cup Specification (First Revision)		-	Indigenous
12	IS 13169 : 1991 Reviewed In : 2022	Ent surgery instruments head mirror - Specification	January, 2022	-	Indigenous
13	IS 13179 : 1991 Reviewed In : 2022	Ent Surgery Instruments - Tracheostomy Tubes, Chevaliar Jackson's Pattern	January, 2022	-	Indigenous
14	IS 17407 : 2020	Digital Otoscope — Handheld Type		-	Indigenous
15	IS 17750 (Part 7) : 2021 ISO 14708-7:2019	Implants for surgery Active implantable medical devices Part 7: Particular requirements for		-	Identical under dual numbering

	ISO 14708-7:2019	cochlear and auditory brainstem Implant Systems(First Revision)			
16	IS 3758 : 2018 Reviewed In : 2023	Hooks, aural - Specification (First Revision)	June, 2023	-	Indigenous
17	IS 3760 : 2021	Probe, Aural, Jobson Horne's Pattern — Specification (First Revision of IS 3760)		-	Indigenous
18	IS 3788 : 2024	Aural Specula Specification First Revision		-	Indigenous
19	IS 3799 : 2019 Reviewed In : 2023	Forceps, aural and nasal, crocodile action - Specification (First Revision)	June, 2023	-	Indigenous
20	IS 3807 : 2024	Aural and Nasal Dressing Forceps Specification (Second Revision)		-	Indigenous
21	IS 4487 : 2000 Reviewed In : 2023	ENT Surgery Instruments - Forceps, Tonsil Artery (Birkett's Pattern)	February, 2023	-	Indigenous
22	IS 4488 : 2018 Reviewed In : 2023	Forceps, Tonsil Holding (Muck's and White's Patterns) Specification (First Revision)	February, 2023	-	Indigenous
23	IS 4489 : 2018 Reviewed In : 2023	Forceps, Nasal Turbinate, Luc's — Specification (First Revision)	February, 2023	-	Indigenous
24	IS 4504 : 2018 Reviewed In : 2023	Forceps, peritonsillar - Specification (First Revision)	May, 2023	-	Indigenous
25	IS 4514 : 2018 Reviewed In : 2023	Forceps, Tonsil Dissecting (Waugh's Pattern) - Specification (First Revision)	February, 2023	-	Indigenous
26	IS 4520 : 2018 Reviewed In : 2023	Forceps, Punch, Nasal Citelli's Antrum and Hajek's Sphenoidal— Specification (First Revision)	February, 2023	-	Indigenous
27	IS 4959 : 2018 Reviewed In : 2023	Raspatory, Nasal, Howarth's— Specification (First Revision)	February, 2023	-	Indigenous
28	IS 4994 : 1968 Reviewed In : 2023	Specification for Forceps, Redressing, Walsham's Right, Left and Straightening	February, 2023	1	Indigenous
29	IS 5147 : 1969 Reviewed In : 2023	Examination Lamp with Bull's Eye Condenser (Floor Model)	March, 2023	-	Indigenous
30	IS 5338 : 2024	Eustachian Catheter Specification First Revision		-	Indigenous
31	IS 5377 : 1969 Reviewed In : 2023	Speculum, Nasal, Thudichum's	February, 2023	1	Indigenous
32	IS 5412 : 1969 Reviewed In : 2023	Saws, Nasal, Joseph's Pattern	February, 2023	1	Indigenous
33	IS 5720 : 2024	Mollison's Pattern Self-Retaining Mastoid Retractor Specification (First Revision)		-	Indigenous
34	IS 5723 : 1970 Reviewed In : 2023	Specification for mallet with fluted handle for ENT surgery	February, 2023	2	Indigenous
35	IS 5732 : 1970 Reviewed In : 2023	Gouge, Mastoid (Jenkins' Pattern)	February, 2023	1	Indigenous
36	IS 5747 : 1970 Reviewed In : 2023	Retractor, Endaural (Lempert's Pattern)	February, 2023	1	Indigenous
37	IS 6464 : 2000 Reviewed In : 2023	ENT Diagnostic Instruments - Tuning Forks (Gardiner Brown's Pattern)	February, 2023	-	Indigenous

38	IS 6465 : 1972 Reviewed In : 2023	Trocar, Antral, with Cannula (Tilley Lichtwitz' Pattern)	February, 2023	1	Indigenous
39	IS 6514 : 1972 Reviewed In : 2023	Nasal Cartilage Knife (Ballenger's Pattern)	February, 2023	1	Indigenous
40	IS 7710 : 1975 Reviewed In : 2023	Snare, Tonsil, Eve's Pattern	February, 2023	-	Indigenous
41	IS 7712 : 1975 Reviewed In : 2023	Curette, Adenoid, St. Clair Thomson's Pattern	February, 2023	-	Indigenous
42	IS 7713 : 1975 Reviewed In : 2023	Retractor, Light Model, Weislander's Pattern	February, 2023	-	Indigenous
43	IS 7756 : 1975 Reviewed In : 2023	Depressor, Tongue, Lack's Pattern	February, 2023	-	Indigenous
44	IS 8093 : 1976 Reviewed In : 2023	Curette, Ballance's pattern	February, 2023	-	Indigenous
45	IS 8094 : 2024	Cawthornes Pattern Cerumen Hook Specification First Revision		-	Indigenous
46	IS 8128 : 2024	Farabeuf's Pattern Elevator Specification (First Revision)		-	Indigenous
47	IS 8129 : 2024	Forceps - Tonsil Artery, Curved (Scotts Pattern) - Specification (First Revision)		-	Indigenous
48	IS 8136 : 2024	Dundas Grant's Pattern Seeker Specification (First Revision)		-	Indigenous
49	IS 8157 : 2024	Heath's Pattern Granulation Forceps Specification (First Revision)		-	Indigenous
50	IS 8199 : 1976 Reviewed In : 2018	Tracheostomy Tubes, Fuller's Pattern	February, 2018	-	Indigenous
51	IS 8315 : 1977 Reviewed In : 2023	Forceps, Redressing, Asch's Pattern	February, 2023	-	Indigenous
52	IS 8316 : 1977 Reviewed In : 2021	Retractor, Hajek's Pattern	January, 2021	-	Indigenous
53	IS 8327 : 1977 Reviewed In : 2021	Forceps, Nodule, Vocal, Chevalier Jackson's Pattern	January, 2021	-	Indigenous
54	IS 8343 : 1977 Reviewed In : 2021	Forceps, Biopsy, Peterson's Pattern	January, 2021	1	Indigenous
55	IS 8734 : 1978 Reviewed In : 2021	Forceps, Cutting and Removing Large Specimens, Chevalier Jackson's Pattern	January, 2021	-	Indigenous
56	IS 8735 : 1978 Reviewed In : 2021	Tube, Suction, Yankauer's Pattern	January, 2021	-	Indigenous
57	IS 8743 : 1994 Reviewed In : 2021	ENT surgery instruments - Forceps, direct bronchoscopy, with alligator jaws and tenaculum points, Irwin Moore's pattern	January, 2021	-	Indigenous
58	IS 8825 : 1978 Reviewed In : 2021	Specification for cannula, suction irrigation with locking device, microlaryngeal	January, 2021	-	Indigenous
59	IS 8837 : 1978 Reviewed In : 2021	Specification for suction tubes with stylet microlaryngeal surgery	January, 2021	-	Indigenous
60	IS 8838 : 1978 Reviewed In : 2021	Specification for forceps, cup, straight, microlaryngeal surgery	January, 2021	-	Indigenous
61	IS 8839 : 1978 Reviewed In : 2021	Specification for forceps, cup upwards, microlaryngeal surgery	January, 2021	-	Indigenous
62	IS 8840 : 1978 Reviewed In : 2021	Specification for scissors, microlaryngeal surgery	January, 2021	-	Indigenous
63	IS 9058 : 2024	Zoellner's Pattern Upward Cutting Knife Specification - (First Revision)		-	Indigenous

64	IS 9059 : 2024	Zoellner's Pattern Downward Cutting Knife Specification (First Revision)		-	Indigenous
65	IS 9479 : 2024	Shea's Pattern 25, 45, and 90 Angle Fenestra Hook for Ear Surgery - Specification (First Revision)		-	Indigenous
66	IS 9480 : 2024	Shea's Pattern Left and Right Elevators For Ear Surgery - Specification (First Revision)		-	Indigenous
67	IS 9526 : 2024	Crocodile Jaw Stapedectomy Scissors - Specification (First Revision)		-	Indigenous
68	IS 9544 : 2024	Round Cup, Elongated Cup and Oval Cup Jaws Stapedectomy Forceps - Specification (First Revision)		-	Indigenous
69	IS 9558 : 1980 Reviewed In : 2023	Specification for gauge, depth, ptfe (Teflon) piston	February, 2023	-	Indigenous
70	IS 9564 : 2024	Serrated, Smooth and Mc Gee Wire Closing Jaws Stapedectomy Forceps - Specification (First Revision)		-	Indigenous
71	IS 9718 : 1981 Reviewed In : 2023	Specification for jig, cutting, ptfe piston	February, 2023	-	Indigenous

Standards under Development

Projects Approved

Sl. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards

Sl. No.	Doc No.	Title
No Records Found		

Drafts Standards in WC Stage

Sl. No.	Doc No.	Title
1	MHD 4 (25256)	ENT Workstation
2	MHD 4 (25258)	Otology Drill
3	MHD 4 (25922) Revision of: IS 5412:1969	Specification for Saws Nasal Josephs Pattern
4	MHD 4 (25923) Revision of: IS 4994:1968	Specification for Forceps Redressing Walshams Right Left and Straightening
5	MHD 4 (25925) Revision of: IS 5377:1969	Specification for Speculum Nasal Thudichums
6	MHD 4 (25927) Revision of: IS 8093:1976	Specification for Curette Ballances Pattern
7	MHD 4 (25929) Revision of: IS 8315:1977	Specification for Forceps Redressing ASCHs Pattern
8	MHD 4 (25933) Revision of: IS 6465:1972	Specification for Trocar Antral With Cannula Tilley Lichtwitz Pattern
9	MHD 4 (25934) Revision of: IS 6514:1972	Specification for Nasal Cartilage Knife Ballengers Pattern
10	MHD 4 (25938) Revision of: IS 7756:1975	Specification For Depressor Tongue Lacks Pattern

11	MHD 4 (25979) Revision of: IS 13169:1991	ENT Surgery Instruments Head Mirror-Specification
12	MHD 4 (25980) Revision of: IS 10272:1982	Specification for Draffin Suspension Apparatus
13	MHD 4 (25984) Revision of: IS 10308:1982	Specification for Tracheostomy Tubes and Guides Cubleys Pattern
14	MHD 4 (25987) Revision of: IS 13179:1991	Ent Surgery Instruments -Tracheostomy Tubes Chevaliar Jack Sons Pattern-- Specification

Draft Standards Completed WC Stage		
SI. No.	Doc No.	Title
1	MHD 4 (19128) Revision of: IS 13179:1991	Oesophagoscope Negus Pattern Specification First Revision
2	MHD 4 (21279)	Fibrin Glue
3	MHD 4 (21280)	Grommet Specification
4	MHD 4 (25360) Revision of: IS 13179:1991	Specification For Examination Lamp With Bulls Eye Condenser Floor Model
5	MHD 4 (25494) Revision of: IS 13179:1991	Specification For retractor Light Model Weislanders Pattern

Finalized Draft Indian Standard		
SI. No.	Doc No.	Title
1	MHD 4 (21654) Revision of: IS 5723:1970	Mallets for ENT Surgery First Revision
2	MHD 4 (21659) Revision of: IS 9718:1981	PTFE Piston Cutting Jig First Revision
3	MHD 4 (21736) Revision of: IS 5747:1970	Lempert s Pattern Endaural Retractor Specification First Revision
4	MHD 4 (21743) Revision of: IS 6464:2000	ENT Diagnostic Instruments Part 1 Tuning Forks Section 1 Gardiner Brown s Pattern
5	MHD 4 (21830) Revision of: IS 9558:1980	PTFE Teflon Piston Depth Gauge Specification First Revision
6	MHD 4 (25394) Revision of: IS 4487:2000	ENT Surgery Instruments Forceps Tonsil Artery Birketts Pattern Specification

Finalized Draft Indian Standards under Print		
SI. No.	Doc No.	Title
No Records Found		

Total Published Standards:69 Total Standards Under development:25

Aspect Wise Report
Product : 71
Code of Practices : 0
Methods of Test : 0
Terminology : 0
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 0
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.	IS No. & Year	Title
1	IS 12901 : 1990 Reviewed In : 2022	ENT surgery instruments - Laryngeal fine grasping forceps crocodile jaws straight - Specification
2	IS 12911 : 1990 Reviewed In : 2022	ENT surgery instruments - Laryngeal forceps oval cup - Specification
3	IS 5140 : 1969 Reviewed In : 2018	Specification for auriscope
4	IS 5357 : 1969 Reviewed In : 2013	Metallic Ear Syringe
5	IS 6463 : 1972 Reviewed In : 2023	Burs Antrum Tilley s Pattern
6	IS 6469 : 1972 Reviewed In : 2013	Harpoon Trocar Tilley s Pattern
7	IS 6470 : 1972 Reviewed In : 2013	Politzerization Apparatus Pritchard s pattern
8	IS 7007 : 1973 Reviewed In : 2022	Specification for E E N T Eye Ear Nose And Throat diagnostic set
9	IS 7282 : 1975 Reviewed In : 2023	Chisel Labyrinth Straight Lake s Pattern
10	IS 7711 : 1975 Reviewed In : 2023	Curette Adenoid Beckmann s Pattern
11	IS 8158 : 1976	Needle Eye Bowmans Pattern
12	IS 8191 : 1976 Reviewed In : 2023	Retractor Pillar Anterior and Tonsil Enucleator Mollison s Pattern
13	IS 8344 : 1977 Reviewed In : 2021	Snare Aural Glegg s Pattern
14	IS 9014 : 1979 Reviewed In : 2021	Specification for Raspatory fine curved right Zoellner 39 s Pattern
15	IS 9015 : 1979 Reviewed In : 2021	Raspatory Fine Curved Left Zoellner s Pattern
16	IS 9016 : 1979 Reviewed In : 2021	Needle Fine Spear Pointed Curved Right Zoellner s Pattern
17	IS 9017 : 1979 Reviewed In : 2021	Needle Fine Spear Pointed Curved Left Zoellner s Pattern
18	IS 9060 : 1979 Reviewed In : 2021	Hook Small Zoellner s Pattern

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 10272 : 1982 Reviewed In : 2022	Specification for draffin suspension apparatus
2	IS 10308 : 1982 Reviewed In : 2022	Tracheostomy Tubes and Guides Cubley s Pattern
3	IS 10344 : 2024	Davis-Boyle Gag Frame and Tongue Plates Specification First Revision
4	IS 10725 : 2024	Myringotomy Knife Specification First Revision
5	IS 10726 : 2024	Meatal Skin Incision Knife Specification First Revision
6	IS 10786 : 2024	St Clair Thomsons Rhinoscopic Mirror Specification First Revision
7	IS 10846 : 2024	Killian 39 s Pattern Nasal Speculum - Specification First Revision
8	IS 11318 : 1985 Reviewed In : 2022	Bronchoscope Aspirating Negus Pattern

9	IS 11319 : 1985 Reviewed In : 2022	Oesophagoscope Negus Pattern
10	IS 12901 (Part 1) : 2024	Laryngeal Forceps Part 1 Fine Grasping Crocodile Jaws Straight Specification First Revision
11	IS 12901 (Part 2) : 2024	Laryngeal Forceps Part 2 Oval Cup Specification First Revision
12	IS 13169 : 1991 Reviewed In : 2022	Ent surgery instruments head mirror - Specification
13	IS 13179 : 1991 Reviewed In : 2022	Ent Surgery Instruments - Tracheostomy Tubes Chevalier Jackson s Pattern
14	IS 17407 : 2020	Digital Otoscope Handheld Type
15	IS 17750 (Part 7) : 2021 ISO 14708-7:2019	Implants for surgery Active implantable medical devices Part 7 Particular requirements for cochlear and auditory brainstem Implant Systems First Revision
16	IS 3758 : 2018 Reviewed In : 2023	Hooks aural - Specification First Revision
17	IS 3760 : 2021	Probe Aural Jobson Horne s Pattern Specification First Revision of IS 3760
18	IS 3788 : 2024	Aural Specula Specification First Revision
19	IS 3799 : 2019 Reviewed In : 2023	Forceps aural and nasal crocodile action - Specification First Revision
20	IS 3807 : 2024	Aural and Nasal Dressing Forceps Specification Second Revision
21	IS 4487 : 2000 Reviewed In : 2023	ENT Surgery Instruments - Forceps Tonsil Artery Birkett s Pattern
22	IS 4488 : 2018 Reviewed In : 2023	Forceps Tonsil Holding Muck 39 s and White 39 s Patterns Specification First Revision
23	IS 4489 : 2018 Reviewed In : 2023	Forceps Nasal Turbinate Luc s Specification First Revision
24	IS 4504 : 2018 Reviewed In : 2023	Forceps peritonsillar - Specification First Revision
25	IS 4514 : 2018 Reviewed In : 2023	Forceps Tonsil Dissecting Waugh 39 s Pattern - Specification First Revision
26	IS 4520 : 2018 Reviewed In : 2023	Forceps Punch Nasal Citelli 39 s Antrum and Hajek 39 s Sphenoidal Specification First Revision
27	IS 4959 : 2018 Reviewed In : 2023	Raspatory Nasal Howarth 39 s Specification First Revision
28	IS 4994 : 1968 Reviewed In : 2023	Specification for Forceps Redressing Walsham 39 s Right Left and Straightening
29	IS 5147 : 1969 Reviewed In : 2023	Examination Lamp with Bull s Eye Condenser Floor Model
30	IS 5338 : 2024	Eustachian Catheter Specification First Revision
31	IS 5377 : 1969 Reviewed In : 2023	Speculum Nasal Thudichum s
32	IS 5412 : 1969 Reviewed In : 2023	Saws Nasal Joseph s Pattern
33	IS 5720 : 2024	Mollison 39 s Pattern Self-Retaining Mastoid Retractor Specification First Revision

34	IS 5723 : 1970 Reviewed In : 2023	Specification for mallet with fluted handle for ENT surgery
35	IS 5732 : 1970 Reviewed In : 2023	Gouge Mastoid Jenkins Pattern
36	IS 5747 : 1970 Reviewed In : 2023	Retractor Endaural Lempert s Pattern
37	IS 6464 : 2000 Reviewed In : 2023	ENT Diagnostic Instruments - Tuning Forks Gardiner Brown s Pattern
38	IS 6465 : 1972 Reviewed In : 2023	Trocar Antral with Cannula Tilley Lichtwitz Pattern
39	IS 6514 : 1972 Reviewed In : 2023	Nasal Cartilage Knife Ballenger s Pattern
40	IS 7710 : 1975 Reviewed In : 2023	Snare Tonsil Eve s Pattern
41	IS 7712 : 1975 Reviewed In : 2023	Curette Adenoid St Clair Thomson s Pattern
42	IS 7713 : 1975 Reviewed In : 2023	Retractor Light Model Weislander s Pattern
43	IS 7756 : 1975 Reviewed In : 2023	Depressor Tongue Lack s Pattern
44	IS 8093 : 1976 Reviewed In : 2023	Curette Ballance s pattern
45	IS 8094 : 2024	Cawthornes Pattern Cerumen Hook Specification First Revision
46	IS 8128 : 2024	Farabeuf 39 s Pattern Elevator Specification First Revision
47	IS 8129 : 2024	Forceps - Tonsil Artery Curved Scotts Pattern - Specification First Revision
48	IS 8136 : 2024	Dundas Grant 39 s Pattern Seeker Specification First Revision
49	IS 8157 : 2024	Heath 39 s Pattern Granulation Forceps Specification First Revision
50	IS 8199 : 1976 Reviewed In : 2018	Tracheostomy Tubes Fuller s Pattern
51	IS 8315 : 1977 Reviewed In : 2023	Forceps Redressing Asch s Pattern
52	IS 8316 : 1977 Reviewed In : 2021	Retractor Hajek s Pattern
53	IS 8327 : 1977 Reviewed In : 2021	Forceps Nodule Vocal Chevalier Jackson s Pattern
54	IS 8343 : 1977 Reviewed In : 2021	Forceps Biopsy Peterson s Pattern
55	IS 8734 : 1978 Reviewed In : 2021	Forceps Cutting and Removing Large Specimens Chevalier Jackson s Pattern
56	IS 8735 : 1978 Reviewed In : 2021	Tube Suction Yankauer s Pattern
57	IS 8743 : 1994 Reviewed In : 2021	ENT surgery instruments - Forceps direct bronchoscopy with alligator jaws and tenaculum points Irwin Moore s pattern
58	IS 8825 : 1978 Reviewed In : 2021	Specification for cannula suction irrigation with locking device microlaryngeal
59	IS 8837 : 1978 Reviewed In : 2021	Specification for suction tubes with stylet microlaryngeal surgery
60	IS 8838 : 1978 Reviewed In : 2021	Specification for forceps cup straight microlaryngeal surgery
61	IS 8839 : 1978 Reviewed In : 2021	Specification for forceps cup upwards microlaryngeal surgery
62	IS 8840 : 1978 Reviewed In : 2021	Specification for scissors microlaryngeal surgery

63	IS 9058 : 2024	Zoellner 39 s Pattern Upward Cutting Knife Specification - First Revision
64	IS 9059 : 2024	Zoellner 39 s Pattern Downward Cutting Knife Specification First Revision
65	IS 9479 : 2024	Shea 39 s Pattern 25 45 and 90 Angle Fenestra Hook for Ear Surgery - Specification First Revision
66	IS 9480 : 2024	Shea 39 s Pattern Left and Right Elevators For Ear Surgery - Specification First Revision
67	IS 9526 : 2024	Crocodile Jaw Stapedectomy Scissors - Specification First Revision
68	IS 9544 : 2024	Round Cup Elongated Cup and Oval Cup Jaws Stapedectomy Forceps - Specification First Revision
69	IS 9558 : 1980 Reviewed In : 2023	Specification for gauge depth ptfe Teflon piston
70	IS 9564 : 2024	Serrated Smooth and Mc Gee Wire Closing Jaws Stapedectomy Forceps - Specification First Revision
71	IS 9718 : 1981 Reviewed In : 2023	Specification for jig cutting ptfe piston