

एमएचडी/MHD

कार्य योजना  
**PROGRAMME OF WORK**  
(AS ON 01 June 2014)

चिकित्सा उपकरण एवम अस्पताल योजना विभाग  
एमएचडी  
MEDICAL EQUIPMENT & HOSPITAL PLANNING DEPARTMENT  
(MHD)



**भारतीय मानक ब्यूरो**  
**BUREAU OF INDIAN STANDARDS**

मानक भवन, ९ बहादुर शाह जफर मार्ग नई दिल्ली - ११०००२

Manak Bhavan, 9 Bahadur Shah Zafar Marg New Delhi - 110002

## P R E F A C E

A Programme of Work is prepared every year for each Division of Bureau of Indian Standards to indicate the latest position of published Indian Standards and draft Indian Standards at different stages of processing. The Programme of Work for Medical Equipment & Hospital Planning Division Council (MHDC) has been prepared & updated Sectional Committee wise as on 01 June 2014 and arranged in the sequential order of the Committee Numbers.

The present scope of Medical Equipment & Hospital Planning Division Council (MHDC) and approved by SAC in its 19<sup>th</sup> meeting is as under:

**“Standardization in the field of Medical Equipment, Surgical Dressings, Artificial limbs, Rehabilitation Equipment Diagnostic Kits, Veterinary Surgery instruments, Dental Equipment, Laboratory Instruments and Equipments, P.O.U. Water Purification System, Hospital Biomedical Waste Management and Infection Control, Medical Bio-technology & Medical Nano-technology, Hospital Planning and Health Care Services”.**

In the Programme of Work, an asterik mark (\*) given before a printed standard indicates that the standard is under revision and its relevant document is available at different stages of processing; whereas, double asterik mark (\*\*) indicates standard identified for revision for which document is yet to be prepared. Below the designation of a published standard, wherever ‘/ISO/IEC.....’ standard number is given , it implies that the Indian Standard is the total adoption of ISO/IEC standard under dual numbering scheme (*The designations such as IS/ISO 9001:2000 also indicate dual number standards*). Below the designation of a published standard, wherever ‘|ISO/IEC...’ standard number is given, it implies that assistance have been taken of ISO/IEC Standards for formulation of Indian Standards, the Indian Standard is technically equivalent to ISO/IEC standard.

Indian Standards withdrawn /superseded, dual number Standards, bilingual published Indian Standards, Indian Standards published in Hindi, are also given for reference. List of Indian Standards under BIS Certification Scheme along with list of licensees, ISS wise, is also given in this programme of work.

It is hoped that this publication will provide the community of Standards users a convenient tool for obtaining the latest information about all the published new and upcoming Standards in the field of Medical Equipment & Hospital Planning.

*For further information, please write to:*

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**Note:- Wherever red colour appears indicate----- DUAL NUMBER STANDARDS**  
**Wherever blue colour appears indicate----- EQUIVALENT STANDARD**

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**MEDICAL EQUIPMENT & HOSPITAL PLANNING DEPARTMENT**

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## MHD 1 SURGICAL INSTRUMENTS SECTIONAL COMMITTEE

**SCOPE -** To formulate Indian Standards for general, pediatric, urological and plastic surgery instruments, B.P. blades, endoscopic instruments with fibre optics pertaining to Gastroenterology & Urology, haemostatic forceps, etc.

To coordinate with the work of ISO/TC 170 'Surgical instruments' (P Member)

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
<b>STANDARDS PUBLISHED</b>				
1	IS 3317:2004	Hypodermic Needles, Reusable Type - Specification (second revision)	Mar 2012	1
2	IS 3318:1965	General requirements for surgical scalpels and knives	Dec 2011	1
3	<a href="#">IS 3319:1995</a>   <a href="#">ISO 7740:1985</a>	<a href="#">Blades, Surgical, Detachable (Bard Parker Type) and Handles - Specification (Fourth</a>	<a href="#">Jan 2011</a>	<a href="#">1</a>
4	IS 3320:1973	Specification for Surgical Scalpels (First	Dec 2011	1
5	<a href="#">IS 3642(Part 1):1990</a>   <a href="#">ISO 7151:1988</a>	<a href="#">Surgical instruments - Part 1: Non-cutting articulated instruments (second revision)</a>	<a href="#">Dec 2011</a>	
6	IS 3643:1992	Surgical instruments - Dissecting forceps (serrated and toothed) - Shapes and dimensions (First Revision)	Mar 2013	
7	IS 3644:1992	Surgical instruments - Artery forceps Halsted's Mosquito pattern - Shape and dimensions(First Revision)	Mar 2013	
8	IS 3645:1992	Surgical instruments - Artery forceps Spencer Wells pattern - Size, shape and dimensions	Mar 2013	
9	IS 3759:1987	Specification for Blades, Skin Grafting	Dec 2011	
10	IS 3767:1966	Specification for Hook, Skin, Gillies Pattern	Dec 2011	1
11	IS 3787:1966	Specification for Gag, Mouth, Cleft Palate	Dec 2011	
12	IS 4085:1967	Specification for Knives, Amputating	Dec 2011	1
13	IS 4089:1967	Specification for Forceps, Clip Removing, Michel Pattern	Dec 2011	1
14	IS 4094:1967	Specification for Forceps, Sterilizer, Cheatle's Pattern	Dec 2011	1
15	IS 4244:1967	Retractors, skin, double ended	Dec 2011	1

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARD

16	IS 4245:1967	Specification for Needle Holder (Gillies) Combined with Scissors, for Plastic Surgery	Oct 2012	1
17	IS 4275:1967	Specification for Scissors, Kilner's for Plastic Surgery	Dec 2011	
18	IS 4281:1967	Specification for Scissors, McIndoe's, for Plastic Surgery	Dec 2011	1
19	IS 4282:1992	Surgical instruments - Dissecting, forceps, plastic surgery - Shapes and dimensions(First	Mar 2013	
20	IS 4490:1968	Specification for Forceps, Dilating, Trousseau's	Dec 2011	1
21	IS 4513:1968	Specification for Scissors, Surgical Dressing and Stitch	Dec 2011	
22	IS 4587:1968	Specification for Raspatories, Cleft Palate, for Plastic Surgery	Dec 2011	1
23	IS 5738:1970	Specification for Cystoscope	Dec 2011	
24	IS 5750:1970	Specification for Sigmoidoscope	Dec 2011	
25	IS 6434:1971	Specification for Bow, Hare Lip Traction (Denis Browne's pattern)	Dec 2011	
26	IS 6435:1971	Specification for Strippers, Tendon	Dec 2011	
27	IS 6437:1970	Specification for Stripper, Fascia	Dec 2011	
28	IS 6989:1973	Specification for Chisel, Post-mortem	Mar 2013	
29	IS 6990:1973	Specification for Knife, Brain, Post - mortem	Mar 2013	
30	IS 6996:1973	Specification for Knife, Cartilage	Mar 2013	
31	IS 7388:1992	Surgical instruments - Forceps, tissue, Allis pattern - Shape, size and dimensions (First Revision)	Mar 2013	
32	IS 7501:1974	Specification for Speculum, Rectal, Kelly's	Mar 2013	
33	IS 7502:1974	Specification for Clamp, Intestine, Kocher's	Mar 2013	
34	IS 7507:1974	Specification for Forceps, Stone, Bladder	Mar 2013	
35	IS 7521:1974	Specification for Dissector, Kocher's Pattern	Mar 2013	

**\* INDICATES STANDARDS UNDER REVISION**  
/ **INDICATES DUAL NUMBER STANDARDS**

**\*\* INDICATES STANDARDS TO BE REVISED**  
/ **INDICATES EQUIVALENT STANDARDS**

36	IS 7522:1975	Specification for Retractor, Abdominal, Morris' Pattern	Mar 2013
37	IS 7531:1990	Surgical Instruments - Corrosion Resistance of Stainless Steel Surgical Instruments - Methods of Tests (First Revision)	Mar 2013
38	IS 7561:1992	Surgical instruments - Forceps, Gallstone, Desjardin's pattern - Shape and dimensions (first revision)	Mar 2013
39	IS 7566:1992	Surgical instruments - Forceps, spring clip compressing, Michel's pattern - Shape and dimensions (first revision)	Mar 2013
40	IS 7579:1992	Surgical instruments - Forceps, intestine holding, Denis Brown's pattern - Shape and dimensions (first revision)	Mar 2013
41	IS 7628:1975	Specification for Clamp, Stomach, Moynihan's Pattern	Mar 2013
42	IS 7665:1975	Specification for Clamp, Intestine, Crushing, Lever Action, Payr's Pattern	Mar 2013
43	IS 7858:1991	Operation microscope - Specification (first	Mar 2013
44	IS 7870:1992	Surgical instruments - Needle, holder, Mayo-Hegar's and Crile-Wood's Patterns - Shape and dimensions (first revision)	Mar 2013
45	IS 7892:1975	Specification for Retractor, Double and Single, Blunt Hooks	Mar 2013
46	IS 7893:1992	Surgical instruments - Forceps, towel, Backhaus's pattern – Shape, Size and dimensions (First Revision)	Mar 2013
47	IS 7912:1975	Specification for Scoop, Stanley Boyd's Pattern	Mar 2013
48	IS 7980:1976	Specification for Handle of skin Grafting Blade	Mar 2013
49	IS 7994:1976	Needle holder, Barron's pattern	Mar 2013
50	IS 8031:1976	Specification for Dissector, Watson Cheyne's Pattern	Mar 2013
51	IS 8040:1992	Surgical instruments - Artery, forceps, Kocher's pattern - Shape and dimensions (First Revision)	Mar 2013
52	IS 8253:1976	Specification for Lever, Bone, Bristow's Pattern	Mar 2013
53	IS 8340:1977	Needle, aneurism, Syme's pattern	Mar 2013
54	IS 8341:1977	Specification for Retractor, Goitre, Joll's Pattern	Mar 2013

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55	IS 8372:1977	Specification for Retractor, Alae, Kilner's Pattern	Mar 2013	
56	IS 8377:1977	Specification for Bougie, Lister's and Clutton's Patterns	Mar 2013	
57	IS 8424:1977	Specification for Gag, Mouth, Lane's Pattern	Mar 2013	
58	IS 8583:1991	Surgical instruments - Gall duct dilators, Bake's pattern (First Revision)	Mar 2013	
59	IS 8584:1992	Surgical instruments - Peritonium, forceps, Babcock's pattern - Shapes, sizes and dimensions (first revision)	Mar 2013	
60	IS 8585:1977	Specification for Bougie, Oesophageal	Dec 2011	
61	IS 8586:1977	Specification for Suction Tube, Poole's Pattern	Dec 2011	
62	IS 8853:1978	Specification for Retractor, Cheek	Dec 2011	
63	IS 8854:1978	Specification for Retractor, Czerny's Pattern	Dec 2011	
64	IS 8855:1978	Specification for Retractor, Langenbeck's	Dec 2011	1
65	IS 8889:1992	Surgical instruments - Forceps, stone, kidney, Randall's pattern - Shape and dimensions (first revision)	Mar 2013	
66	IS 8965:1978	Specification for Retractor, Deaver's Pattern	Dec 2011	
67	IS 9144:1979	Specification for Director and Guide, Cairn's	Dec 2011	
68	IS 9145:1979	Specification for Dilator, Rectal, Hegar's	Dec 2011	
69	IS 9146:1979	Specification for Scissors, Dissecting, Straight and Curved on Flat, Mayo's Pattern	Dec 2011	
70	IS 9149:1979	Specification for Probe with Eye	Dec 2011	
71	IS 9150:1979	Specification for Cylinder, Dermabraison Plastic Surgery	Dec 2011	
72	IS 9165(Part 1):1992	Surgical instruments - Needles, suture Part 1 Specification (first revision)	Mar 2013	
73	IS 9165(Part 2):1992	Surgical instruments - Needles, suture Part 2 Eyed needles - Sizes, shapes and dimensions	Mar 2013	
74	IS 9183:1979	Specification for Suction Tube, Magill's Pattern	Mar 2013	

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75	IS 9184:1979	Specification for Forceps, Disimpaction, Maxillary, for Plastic Surgery	Dec 2011
76	IS 9416:1980	Specification for Bladder Sound	Mar 2013
77	IS 9649:1980	Specification for Introducer, Catheter, Urethral	Mar 2013
78	IS 9650:1980	Specification for Hook, Joseph's Pattern	Mar 2013
79	IS 9651:1980	Specification for Clamp, Intestine Holding, Schoemaker's Pattern	Mar 2013
80	IS 9689:1980	Specification for Microtome Knives	Mar 2013
81	IS 10383:1982	Specification for Scissors, Nail, Curved on Flat	Dec 20011
82	IS 10384:1982	Specification for Scissors, Bandage, Smith's Pattern	Dec 2011
83	IS 10414:1982	Specification for Scissors, Bowel	Dec 2011
84	IS 10445:1982	Scissors, bandage and clothing, angle to side	Dec 2011
85	IS 10599:1993	Surgical instruments - Needle holder, Hegar's pattern - Sizes, shapes and dimensions (first revision)	Dec 2011
86	IS 10637:1992	Surgical instruments - Forceps, splinter, Arthur's pattern Shape and dimensions (first	Jan 2011
87	IS 10638:1983	Specification for Forceps, Sponge Holding, Foerster's Pattern, Smooth or Serrated Jaws	Dec 2011
88	IS 10984:1984	Specification for Scissors, Dissecting, Curved on Flat, Pott's Pattern	Dec 2011
89	IS 11497:2014	Catheter, Foley's, Rubber, for Prolonged Urinary Drainage - Specification (First Revision)	Jan 2014
90	IS 11502:1992	Surgical instruments - Forceps, tissue, Adson-Brown's pattern - Shape and dimensions (first revision)	Mar 2013
91	IS 11545:1992	Surgical instruments - Haemostatic, forceps, Adson's pattern - Shape and dimensions (first revision)	Mar 2013
92	IS 11558:1992	Surgical instruments - vessel, forceps, Debakey's pattern - Sizes, shape and dimensions (first revision)	Mar 2013
93	IS 11595:1992	Surgical instruments - Peritoneum, forceps, McKulicz's pattern - Shape and dimensions (first revision)	Mar 2013
94	IS 11640(Part 1):1986	Specification for Retractor, General Surgery - Part 1 : Schonborn's Pattern	Dec 2011

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95	IS 11640(Part 2):1987	Specification for Retractor, General Surgery - Part 2 : Kocher's Pattern	Mar 2013
96	IS 11640(Part 3):1987	Specification for Retractor - Part 3 : Israel's	Mar 2013
97	IS 11640(Part 4):1987	Specification for Retractor - Part 4 : Abdominal, Fritsch's Pattern	Mar 2013
98	IS 11640(Part 5):1987	Specification for Retractor - Part 5 Korte's	Mar 2013
99	IS 11640(Part 6):1987	Specification for Retractor, General Surgery - Part 6 : Volkmann's Pattern	Mar 2013
100	IS 11640(Part 7):1987	Specification for Retractor - Part 7: Abdominal and Liver, Mikulicz's Pattern	Mar 2013
101	IS 12103:1987	Specification for Skin Graft Expander	Mar 2013
102	IS 12815:1989	Surgical Instruments - Knife Autopsy -	Jan 2011
103	IS 12822:1989	Surgical Instruments - Forceps Intestinal Mayo-Robson's Pattern - Specification	Jan 2011
104	IS 12841(Part 1):1989	Surgical instruments - Needle holders: Part 1 Mathieu's pattern	Feb 2011
105	IS 12841(Part 2):1989	Surgical instruments - Needle holders: Part 2 With carbide inserts, Stratte's pattern	Mar 2011
106	IS 12841(Part 3):1989	Surgical Instruments - Needle holders: Part 3 Heaney's pattern	Mar 2011
107	IS 12841(Part 4):1989	Surgical Instruments - Needle holders: Part 4 With carbide inserts, De Bakey's pattern	Mar 2011
108	IS 13127:1991	Surgical Instruments - Suture Clip Applying Forceps, Wachenfeld Type - Shape, Dimensions and Mass	Dec 2011
109	IS 13198:1991	Surgical instruments - Trocar holding forceps, vogel type - Shape, dimensions and mass	Dec 2011
110	IS 15732(Part 1):2006 / ISO 8600-1:2005	Optics and optical instruments Medical endoscopes and endoscopic accessories Part 1: General requirement	Nov 2011
111	IS 15732(Part 3):2006 / ISO 8600-3:1997, Amd 1	Optics and optical instruments - Medical endoscopes and endoscopic accessories - Part 3: Determination of field of view and direction of view of endoscopes with optics	Nov 2011
112	IS 15732(Part 4):2006 / ISO 8600-4:1997	Optics and optical instruments- Medical endoscopes and endoscopic accessories Part – 4: Determination of maximum width of insertion portion	Nov 2011
113	IS/ISO 13402:1995	Surgical and dental instrument - determination of resistance against autoclaving, corrosion thermal exposure	Feb 2014

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## NEW ITEM

1. Stapler
2. Ultrasonic separator
3. Microscope
4. Laparoscopy

### ASPECT WISE REPORT

PRODUCT	90
METHODS OF TEST	3
TERMINOLOGY, DIMENSIONS & SYMBOLS (TDS)	20
<b>TOTAL :</b>	<b>113</b>

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## MHD 2 ORTHOPAEDIC INSTRUMENTS, IMPLANTS AND ACCESSORIES SECTIONAL COMMITTEE

- SCOPE**
- a) To formulate Indian Standards for instruments used in orthopaedic surgery and orthopaedic implants (excluding cardio-vascular and neuro-surgical implants) such as bone holding forceps, bone nail, bone cutting saws and bone drills, etc.
  - b) To coordinate with the work of ISO/TC 150 'Implants for surgery'(P-member); and its sub committee
    - i) ISO/TC 150/SC1 'Materials' (P-member);
    - ii) ISO/TC 150/SC4 'Bone and Joints Replacements' (O-member);
    - iii) ISO/TC 150/SC5 'Osteosynthesis and spinal devices' (P-member);
    - iv) ISO/TC150/SC 6 ' Active implants' (O-member)

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
<b>STANDARDS PUBLISHED</b>				
1	IS 5089:1969	Blade plate, Blount type	Feb 2013	
2	IS 5347(Part 1):1986	Requirements for orthopaedic implants Part 1 General requirements (second revision)	Mar 2012	
3	IS 5347(Part 2):1993 / ISO 5832/1-1987	Requirements for orthopaedic Implants Part 2 Wrought stainless steel (first revision)	Sep 2013	
4	IS 5347(Part 3):1996 / ISO 5832/2-1993	Requirements for orthopaedic implants Part 3 Unalloyed titanium (First revision)	Mar 2012	
5	IS 5347(Part 4):1996 / ISO 5832/3-1990	Requirements for orthopaedic implants Part 4 Wrought titanium 6-aluminium 4- vanadium alloy (first revision)	Mar 2012	
6	IS 5347(Part 5):2000 / ISO 5832/4:1996	Requirements for orthopaedic implants Part 5 Cobalt-chromium-molybdenum casting alloy_(first revision)	Feb 2011	
7	IS 5347(Part 6):1996 / ISO 5832/5-1993	Requirements for orthopaedic implants Part 6 Wrought-cobalt-chromium tungsten-nickel alloy (first revision)	Mar 2012	
8	IS 5347(Part 7):2002 / ISO 5832/6-1978	Requirements for orthopaedic implants Part 7 Wrought cobalt-nickel chromium-molybdenum alloy(first revision)	Mar 2012	
9	IS 5347(Part 8):1997 / ISO 5832/7-1994	Requirements for orthopaedic implants Part 8 Forgeable and cold-formed-cobalt-chromium-nickel-molybdenum-iron alloy (first revision)	Feb 2013	
10	IS 5347(Part 9):1998 / ISO 6474-1994	Requirements for Orthopaedic Implants - Part 9 : Ceramic Materials Based on High Purity Alumina(first revision)	Feb 2013	
11	IS 5347(Part 10):1987 / ISO 5834/1-1985	Requirements for orthopaedic implants Part 10 Ultra-high molecular weight Polyethylene, powder form	Mar 2012	
12	IS 5347(Part 11):1987 / ISO 5834/2-1985	Requirements for orthopaedic implants Part 11 Ultra-high molecular weight polyethylene, moulded forms	Mar 2012	

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13	IS 5347(Part 12):1993 / ISO 5832-8:1987	Requirements for orthopaedic implants Part 12 Wrought cobalt-Sep 2013 nickel-chromium molybdenum tungsten iron alloy	
14	IS 5347(Part 13):1997 / ISO 5832-9:1992	Requirements for orthopaedic implants Part 13 Wrought high Feb 2013 nitrogen stainless steel	
15	IS 5347(Part 14):1997 / ISO 5832-10:1996	Requirements for orthopaedic implants Part 14 Wrought titanium Feb 2013 5-aluminium 2, 5-iron alloy	
16	IS 5347(Part 15):1997 / ISO 5832-11:1994	Requirements for orthopaedic implants Part 15 Wrought titanium Feb 2013 6-aluminium 7-niobium alloy	
17	IS 5347(Part 16):2002 / ISO 13781:1997	Requirements for Orthopaedic Implants - Part 16 : Poly (L- Feb 2013 Lactide) Resins and Fabricated Forms for Surgical Implants - In Vitro Degradation Testing	
18	IS 5347(Part 17):2002 / ISO 13782:1996	Requirements for Orthopaedic Implants - Part 17 : Metallic Feb 2013 Materials - Unalloyed Tantalum for Surgical Implant Applications	
19	IS 5347(Part 18):2002 / ISO 13356:1997	Requirements for Orthopaedic Implants - Part 18 : Ceramic Feb 2013 Materials Based on Ytria-Stabilized Tetragonal Zirconia (Y- TZP)	
20	IS 5393:1969	Specification for Screws, Bone	Mar 2012
21	IS 5394:1969	Specification for Prostheses, Hip	Mar 2012
22	IS 5395(Part 1):1989 / ISO 5837/1-1985	Specification for Surgical Implants - Intramedullary Nailing Feb 2011 Systems for Bone Surgery - Part 1 : Intramedullary Nails with Cloverleaf or V-Shaped Cross-Section (second revision)	
23	IS 5396:1969	Specification for Guide Pin for Kuntscher Nail	Mar 2012
24	IS 5397:1969	Specification for Reamer, Flexible for Kuntscher Nail (medullary Mar 2012 canal)	
25	IS 5574:1970	Specification for Forceps, Wire Cutting, Compound Action, Mar 2012 Orthopaedic	
26	IS 5580:1970	Specification for Chisels, Stille Pattern, Orthopaedic	Mar 2012
27	IS 5581:1970	Specification for Stirrup, Bohler's	Mar 2012
28	IS 5583:1970	Specification for Osteotomes, Stille Pattern, Orthopedic	Mar 2012 2
29	IS 5585:1970	Specification for Mallet, Rubber-capped	Mar 2012
30	IS 5589:1970	Specification for Saw Handle, Bone Amputation, Orthopaedic	Mar 2012
31	IS 5590:1970	Specification for Saw Blade, Bone Amputation	Mar 2012
32	IS 5601:1970	Specification for Gouges, Stille Pattern, Orthopedic	Mar 2012 1

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33	IS 5803:1970	Specification for Twist Drill Used in Orthopaedic Surgery	Mar 2012
34	IS 5847:1970	Specification for Pin Chuck for Introducing Steinman Pins	Mar 2012
35	<a href="#">IS 5848:1996</a>   <a href="#">ISO 5838-2:1991</a>	<a href="#">Implants for Surgery - Skeletal Pins and Wires - Steinmann Skeletal Pins - Dimensions (first revision)</a>	<a href="#">Mar 2012</a>
36	IS 6187:1971	Specification for Saw, Wire (Gigli pattern)	Mar 2012
37	IS 6233:1971	Specification for Forceps, Bone Cutting (stille liston pattern)	Mar 2012
38	IS 6252:1971	Specification for Scissors Bandage, Lister's Pattern	Mar 2012
39	IS 6281:1971	Specification for Awl, Bone	Mar 2012
40	IS 6289:1971	Specification for Staple, Epiphyseal, Orthopedic	Mar 2012
41	IS 6319:1971	Specification for Clamp, Bone, Lowman Type	Mar 2012
42	IS 6371:1971	Specification for Forceps, Bone Holding, Lane's, Lane-fagge's and Fergusson's Patterns	Mar 2012
43	IS 6484:1972	Specification for Forceps, Gouge, Orthopaedic Fergusson's Pattern	Mar 2012
44	IS 6485:1972	Specification for Forceps, Gouge, Angular, Orthopaedic	Mar 2012
45	IS 6486:1972	Specification for Forceps, Gouge, Orthopaedic Lane's Pattern	Mar 2012
46	IS 6501:1972	Specification for Forceps, Gouge, Orthopaedic, Stille Luer's Pattern	Mar 2012
47	<a href="#">IS 6801(Part 1):1999</a> / <a href="#">ISO 8319/1:1996</a>	<a href="#">Orthopaedic Instruments - Drive Connections - Part 1 : Keys for Use with Screws with Hexagon Socket Heads (second revision)</a>	<a href="#">Feb 2011</a>
48	<a href="#">IS 6801(Part 2):1987</a> / <a href="#">ISO 8319/2-1986</a>	<a href="#">Specification for Drive Connections for Orthopaedic Instruments - Part 2 : Screw Drivers for Single Slot Head Screws, Screws with Cruciate Slot and Cross-recessed Head Screws (first revision)</a>	<a href="#">Feb 2013</a>
49	IS 6975:1973	Specification for Reamer, Trochanteric, Orthopedic	Feb 2013

\* **INDICATES STANDARDS UNDER REVISION**  
/ **INDICATES DUAL NUMBER STANDARDS**

\*\* **INDICATES STANDARDS TO BE REVISED**  
/ **INDICATES EQUIVALENT STANDARDS**

50	IS 6976:1973	Specification for Awl, Kuntscher, Diamond Pointed	Feb 2013	1
51	IS 6982:1973	Specification for Gauge for Intramedullary Nails (first revision)	Feb 2013	
52	IS 7055:1973	Specification for Drivers, Kuntscher, Nail, Orthopaedic	Feb 2013	
53	IS 7102:1973	Specification for Screw, Bone, Leinbach, Medullary	Feb 2013	
54	IS 7105(Part 1):1973	Specification for Extractor for Kuntscher Nail - Part 1 : Handle type	Feb 2013	1
55	IS 7105(Part 2):1986	Specification for Extractor for Kuntscher Nail - Part 2 : Striker Type	Mar 2012	
56	IS 7106:1973	Specification for Extractor, Staple, Orthopaedic	Feb 2013	
57	IS 7107:1973	Specification for Punch, Staple, Orthopaedic	Feb 2013	
58	IS 7108:1973	Specification for Hammer for Kuntscher Nail Extractor	Feb 2013	
59	IS 7109:1973	Specification for Starter, Staple, Orthopaedic	Feb 2013	
60	IS 7110:1984 / ISO 5837/2-1980	Pins, rush intramedullary (first revision)	Mar 2012	
61	IS 7111:1973	Insertor, staple orthopaedic	Feb 2013	
62	IS 7398:1974	Specification for Forceps, bone holding, Farabeuf's pattern	Feb 2013	
63	IS 7435:1974	Rongeur, Ruskin's pattern	Feb 2013	
64	IS 7442:1974	Forceps, bone cutting, straight and angular liston's pattern	Feb 2013	
65	IS 7629:1975	Bender, plate orthopaedic	Feb 2013	
66	IS 7650:1975	Drill, hand, bone, universal, Micro and Kirschner	Feb 2013	
67	IS 7817:1975	Impactor, for hip prostheses	Feb 2013	
68	IS 7818:1975	Broach, Moore type, for hip prostheses	Feb 2013	
69	IS 7819:1975	Mallet, nylon headed, orthopaedic	Feb 2013	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

70	IS 7841:1975	Compression plate, Muller type	Feb 2013	
71	IS 7846:1975	Specification for Extractor for hip prosthesis	Feb 2013	
72	IS 8261(Part 1):1976   ISO 5838-3:1993	Specification for Pins and wires skeletal traction Part 1: Kirschner wires	Feb 2013	1
73	IS 8261(Part 2):1976	Specification for Pins and wires skeletal traction Part 2: Guide wires	Feb 2013	1
74	IS 8261(Part 3):1976	Pins and wires skeletal traction Part 3 Pins and wires fixation and threaded	Feb 2013	1
75	IS 8261(Part 4):1998 / ISO 5838/1-1995	Pins and wires skeletal traction Part 4: Material and mechanical requirements(first revision)	Feb 2013	
76	IS 8332:1977	Handle, saw Gigli	Feb 2013	
77	IS 8608:1977	Specification for Conntersinks, pilot type for orthopaedic use	Feb 2013	
78	IS 8641:1997 / ISO 5833/1992	Implants for Surgery Acrylic resin cement (second revision)	Sep 2013	
79	IS 8755:1977	Method for testing for biological compatibility of metals for surgical implants	Feb 2013	
80	IS 8922:1978	Specification for Depth gauge, for orthopaedic use	Mar 2012	
81	IS 8926:1978	Specification for Bone skid, Murphy Lane's pattern	Mar 2012	
82	IS 9265:1979	Specification for Clamps, compression Muller's pattern	Mar 2012	
83	IS 9829(Part 1):1996 / ISO 5835-1991	Implants for surgery - Metal bone screws Part 1 With hexagonal drive connection, spherical under surface of head, asymmetrical thread - Dimensions (first revision)	Mar 2012	
84	IS 9829(Part 2):1996 / ISO 9268-1988	Implants for surgery - Metal bone screws Part 2 With conical under-surface head - Dimensions (first revision)	Mar 2012	
85	IS 10121(Part 1):1982   ISO 6475:1989	Specification for Metal bone screws- mechanical requirements and methods of test Part 1 Screws with assymetrical thread, variable fitting (spherical stainless steel)	Feb 2011	
86	IS 10121(Part 2):1982   ISO 6475:1989	Metal bone screws- mechanical requirements and methods of test Part 2 Screws with asymmetrical thread, constant fitting (spherical)stainless steel.	Feb 2011	
87	IS 10128:1982	Pin,Knowles	Feb 2011	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

88	IS 10155:1982	Specification for Blade, plate Femoral, lower	Mar 2012	
89	IS 10235(Part 1):1982	Glossary of terms - Part 1: General medical terms for surgical implants	Feb 2011	
90	IS 10235(Part 2):1982	Glossary of terms in orthopaedics Part 2: Mechanics and materials for implants	Feb 2011	
91	IS 10235(Part 3):1982	Glossary of terms in orthopaedics Part 3: Orthopaedic surgery	Feb 2011	
92	IS 10326:1982	Specification for Spreader, plaster cast, Henning's pattern	Feb 2011	
93	IS 10327:1982	Specification for Bender, plaster, Bohler's pattern	Feb 2011	
94	IS 10338:1982	Specification for saw, plaster, hand	Feb 2011	
95	IS 10349:1982	Specification for Rasp for Hip Prosthesis, Thompson's and Moore's Patterns	Feb 2011	
96	IS 10727:1983	Specification for Nail, square Ulna	Mar 2012	
97	IS 10728:1983	Specification for Nail, square, radius	Mar 2012	
98	IS 10729:1983	Nail, set, Kuntscher	Feb 2011	
99	IS 10730:1983	Osteotome, Whitchurch, Howell's pattern	Feb 2011	1
100	IS 11034:1993 / ISO 8828:1988	Implants for surgery - Guidance on care and handling of orthopaedic implants (first revision)	Mar 2012	
101	IS 11088:1984	Guide for retrieval and analysis of metallic orthopaedic implants	Mar 2012	
102	IS 11567(Part 1):1986   ISO 5836:1988	Specification for Holes and slots for metal bone plates Part 1 Corresponding to screws with asymmetrical thread and spherical under surfaces	Mar 2012	
103	IS 11567(Part 3):1986   ISO 9269:1988	Specification for Holes and slots in metal bone plates Part 3 Corresponding to screws with asymmetrical thread and conical under-surfaces	Mar 2012	
104	IS 11567(Part 4):1986	Specification for Holes and slots in metal bone plates Part 4 Corresponding to screws with asymmetrical thread and conical under-surfaces	Mar 2012	
105	IS 11568:1986	Forceps, bone holding, Semb's pattern	Mar 2012	
106	IS 11569:1986	Cervical collar	Dec 2011	
107	IS 11953:1986	Specification for Driver and bender for rush intramedullary pin	Mar 2012	
108	IS 12088:1987	Specification for Bone Plate dynamic compression	Feb 2013	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS



109	IS 12165:1987 / ISO 5839-1985	Basic requirements for orthopaedic Joint Prostheses	Feb 2013
110	IS 12172:1987	Specification for Distraction cervical collar	Sep 2013
111	IS 12173:1987	Specification for Cervical Halters	Feb 2013
112	IS 12304:1987	Specification for Plastic cervical collar	Feb 2013
113	IS 12375(Part 1):2000 / ISO 7206/1:1995	Implants for surgery - Partial and total hip joint prostheses Part 1 Classification and Designation of Dimensions (first revision)	Feb 2011
114	IS 12375(Part 2):1993 / ISO 7206/2:1996	Implants for surgery - Partial and total hip joint prostheses Part 2 Articulating surfaces made of metallic ceramic and plastic materials (first revision)	Sep 2013
115	IS 12375(Part 3):1993 / ISO 7206/3:1988	Implant for Surgery - Partial and total hip joint prostheses Part 3 Determination of endurance properties of stemmed femoral components without application of torsion	Sep 2013
116	IS 12375(Part 4):1993 / ISO 7206/4:1989	Implant for Surgery - Partial and total hip joint prostheses Part 4 Determination of endurance properties of stemmed femoral components with application of torsion	Sep 2013
117	IS 12375(Part 5):1998 / ISO 7206/5:1992	Implants for surgery - Partial and total hip joint prostheses Part 5 Determination of resistance to static load of head and neck region of stemmed femoral components	Sep 2013
118	IS 12375(Part 6):1998 / ISO 7206/6:1992	Implants for surgery - Partial and total hip joint prostheses Part 6 Determination of endurance properties of head and neck region of stemmed femoral components	Sep 2013
119	IS 12375(Part 7):1998 / ISO 7206/7:1993	Implants for surgery - Partial and total hip joint prostheses Part 7 Endurance performance of stemmed femoral components without application of torsion	Sep 2013
120	IS 12375(Part 8):1998 / ISO 7206/8:1995	Implants for surgery - Partial and total hip joint prostheses Part 8 Endurance performance of stemmed femoral components with application of torsion	Sep 2013
121	IS 12375(Part 9):1998 / ISO 7206/9:1994	Implants for surgery - Partial and total hip joint prostheses Part 9 Determination of resistance to torque of head fixation of stemmed femoral components	Sep 2013
122	IS 12376(Part 1):1997 / ISO 7207/1-1994	Implants for surgery - Femoral tibial components for partial and total knee joint prostheses Part 1 Classification, definitions and designation of dimensions (first revision)	Sep 2013
123	IS 13423:1992	Good Manufacturing Practices for Orthopaedic Implants - Guide	Feb 2013
124	IS 14227:1995 / ISO 8615:1991	Implants for surgery - Fixation devices for use in the ends of the femur in adults	Feb 2011
125	IS 14228:1995 / ISO 8827:1988	Implants for surgery - Staples with parallel legs for orthopaedic use - General requirements	Feb 2011
126	IS 14229:1995 / ISO 9585:1990	Implants for surgery - Determination of bending strength and stiffness of bone plates	Feb 2011
127	IS 14239:1995 / ISO 9714-1:1991	Orthopaedic drilling instruments - Drill bits, taps and countersink cutters	Feb 2011
128	IS 14240:1995 / ISO 6018:1987	Orthopaedic implants - General requirements for marking packaging and labeling	Feb 2011

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

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## FINILIZED DOCUMENT UNDER PRINT

1. DOC MHD 02(0278)  
ISO 5832-2:1999 Implants for surgery -- Metallic materials -- Part 2: Unalloyed titanium (Revision of IS 5347(Part 3):1996)
2. DOC MHD 02(0279)  
ISO 5832-3:1996 Implants for surgery -- Metallic materials -- Part 3: Wrought titanium 6-aluminium 4-vanadium alloy (Revision of IS 5347(Part 4):1996)
3. DOC MHD 02(0280)  
ISO 5832-5:2005 Implants for surgery -- Metallic materials -- Part 5: Wrought cobalt-chromium-tungsten-nickel alloy (Revision of IS 5347(Part 6):1996)
4. DOC MHD 02 (0281)  
ISO 5832-8:1997 Implants for surgery -- Metallic materials -- Part 8: Wrought cobalt-nickel-chromium-molybdenum- tungsten-iron alloy (Revision of IS 5347 (Part 12):1993)
5. DOC MHD 02 (282)  
ISO 5832-9:2007 Implants for surgery -- Metallic materials -- Part 9: Wrought high nitrogen stainless steel (Revision of IS 5347(Part 13):1997)

## DOCUMENT FINILIZED FOR PRINTING

1. DOC MHD 02 (255)  
ISO 6474-1:2010 Implants for surgery -- Ceramic materials -- Part 1: Ceramic materials based on high purity alumina (Revision of IS 5347(Part 9):1998)
2. DOC MHD 02 (256)  
ISO 5834-1:2005 Implants for surgery -- Ultra-high-molecular-weight polyethylene – Part 1: Powder form (Revision of IS 5347(Part 10):1987)
3. DOC MHD 02 (257)  
ISO 5834-2:2011 Implants for surgery -- Ultra-high-molecular-weight polyethylene -- Part 2: Moulded form (Revision of IS 5347(Part 11):1987)
4. DOC MHD 02 (260)  
ISO 13356:2008 Implants for surgery -- Ceramic materials based on yttria-stabilized tetragonal zirconia (Y-TZP) (Revision of IS 5347(Part 18):2002)
5. DOC MHD 02 (261)  
ISO 5833:2002 Implants for surgery -- Acrylic resin cements (Revision of IS 8641:1997)
6. DOC MHD 02 (262)  
ISO 7206-1:2008 Implants for surgery -- Partial and total hip joint prostheses -- Part 1: Classification and designation of dimensions (Revision of IS 12375(Part 1):2000)
7. DOC MHD 02 (263)  
ISO 7206-4:2010 Implants for surgery -- Partial and total hip joint prostheses -- Part 4: ) Determination of endurance properties of stemmed femoral components (Revision of IS 12375(Part 4):1993)
8. DOC MHD 02 (263)  
ISO 7207-1: 2007 Implants for surgery -- Components for partial and total knee joint prostheses -- Part 1: Classification, definitions and designation of dimensions (Revision of IS 12376(Part 1):1997)
9. DOC MHD 02 (284)  
ISO 12891-1:2001 Retrieval and Analysis of surgical implants Part 1 Retrieval and handling
10. DOC MHD 02 (285)  
ISO 12891-2:2000 Retrieval and Analysis of surgical implants Part 2 Analysis of revtrival metallic surgical implants
11. DOC MHD 02 (286)  
ISO 12891-3:2000 Retrieval and Analysis of surgical implants Part 3 Analysis of revtrival polymeric surgical implants
12. DOC MHD 02 (287)  
ISO 12891-4:2000 Retrieval and Analysis of surgical implants Part 4 Analysis of revtrival ceramic surgical implants

## ASPECT WISE REPORT

PRODUCT	80
METHODS OF TEST	28
CODES OF PRACTICES	3
TERMINOLOGY, DIMENSIONS & SYMBOLS	16
OTHERS	1

**TOTAL : 128**

\* INDICATES STANDARDS UNDER REVISION

\*\* INDICATES STANDARDS TO BE REVISED

/ INDICATES DUAL NUMBER STANDARDS

| INDICATES EQUIVALENT STANDARDS

**MHD 3 OBSTETRICS AND GYNAECOLOGICAL INSTRUMENTS AND APPLIANCES SECTIONAL COMMITTEE**

- SCOPE** a) To formulate Indian Standards for instruments, appliances and medical devices, used in obstetrics and gynaecology and for contraception.  
b) To coordinate with the work of ISO/TC 157 'Mechanical contraceptives' (P Member)

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
<b>STANDARDS PUBLISHED</b>				
1	IS 5829:1982	Sound, uterine (first revision)	Jul 2012	
2	IS 5849:1970	Retractor, anterior vaginal wall (Sim's pattern)	Jul 2012	1
3	IS 5906:1970	Speculum, vaginal (Cusco's pattern)	Jul 2012	1
4	IS 6111:1971	Curette, uterine (suction type)	Jul 2012	1
5	IS 6112:1971	Speculum, vaginal, double-ended (Sim's pattern)	Jul 2012	1
6	IS 6114:1991	Gynaecological instruments - Forceps, uterine vulsellum - Shape and dimensions (first revision)	Dec 2011	
7	IS 6115:1991	Gynaecological instruments - Forceps, uterine tenaculum - Shape and dimensions (first revision)	Dec 2011	1
8	IS 6373:1971	Sucker, mucus	Jul 2012	
9	IS 6499:1971	Curette, uterine, double-ended, sharp, Sim's pattern	Jul 2012	1
10	IS 6505:1971	Curette, uterine, double-ended, sharp and blunt, Sim's pattern	Jul 2012	1
11	IS 6510:1971	Curette, endometrial biopsy, suction type	Jul 2012	1
12	IS 6565:1972	Stethoscope (foetoscope) for foetal heart sounds, Pinard's pattern	Jul 2012	
13	IS 6578:1992	Obstetric Instruments - Forceps,, ovum - Shape and dimensions (first revision)	Jul 2012	
14	IS 6584:1972	Dilators, uterine, single-ended, Hegar's pattern	Jul 2012	
15	IS 6589:1992	Gynaecological Instruments - Forceps, uterine, dressing, Bozemann's pattern - Shape and dimensions (first revision)	Jul 2012	
16	IS 6957:1973	Curette, blunt, uterine	Jul 2012	1
17	IS 6958:1973	Knife, decapitation	Jul 2012	1

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

18	IS 6959:1973	Scissors, embryotomy, curved on flat	Jul 2012	1
19	IS 6960:1973	Catheters, metal, female	Jul 2012	1
20	IS 6999:1973	Cannula, artificial insemination	Jul 2012	
21	IS 7080(Part 1):1992	MTP Suction Apparatus Part 1 Manually operated (second revision)	Jul 2012	
22	IS 7080(Part 2):1992	MTP Suction Apparatus Part 2 Electric-cum-manually operated (first revision)	Jul 2012	
23	IS 7080(Part 3):1992	MTP suction apparatus Part 3 Electrically operated	Jul 2012	2
24	IS 7100:1973	Hook, decapitation, Jardine's pattern	Jul 2012	2
25	IS 7103:1973	Scissors, episiotomy	Jul 2012	1
26	IS 7115:1973	Apparatus, tubal patency	Jul 2012	1
27	IS 7116:1973	Forceps, midwifery, short	Jul 2012	1
28	IS 7117:1973	Scissors, umbilical cord	Jul 2012	1
29	IS 7432:1974	Clamp, myomectomy, Bonny's pattern	Jul 2012	1
30	IS 7433:1992	Obstetrics Instruments - Forceps, round ligament, Bonney's pattern - Shape and dimensions (first revision)	Jul 2012	
31	IS 7475:1992	Obstetrics Instruments - Clamp, vaginal, angled - Shape and dimensions (first revision)	Jul 2012	
32	IS 7480:1974	Perforator, Simpson's pattern	Jul 2012	
33	IS 7484:1974	Retractor, vaginal, Purandare's pattern	Jul 2012	
34	IS 7725:1975	Hook, IUCD, Shirodkar's pattern	Jul 2012	
35	IS 7735:1992	Forceps, sponge holding - Shape and dimensions (first revision)	Jul 2012	
36	IS 7736:1975	Screw, myoma	Jul 2012	
37	IS 7737:1975	Forceps, punch, cervical biopsy	Jul 2012	
38	IS 7964:1992	Obstetric Instruments - Forceps, Caesarean section, haemostasis, Green-Armytage pattern - Shape and dimensions (first revision)	Jul 2012	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
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39	IS 7981(Part 1):1976	Instruments, tuboplasty, Part 1 Occluder,cervical, Shirodkar's Pattern	Jul 2012
40	IS 7981(Part 2):1976	Instruments, tuboplasty, Part 2 Cannula, Shirodkar's pattern	Jul 2012
41	IS 7981(Part 3):1976	Instruments, tuboplasty, Part 3 Guide, Shirodkar's pattern	Jul 2012
42	IS 7981(Part 4):1976	Instruments, tuboplasty, Part 4 Probe, single-ended, Shirodkar's pattern	Jul 2012
43	IS 7981(Part 5):1976	Instruments, tuboplasty, Part 5 Probe, double-ended,Shirodkar's pattern	Jul 2012
44	IS 8313:1977	Cannula, flexible, Karman type	Jul 2012
45	IS 8314:1977	Forceps, midwifery, modified Kedarnath Das's pattern, without axis traction	Jul 2012
46	IS 8342:1977	Forceps, midwifery, modified Kedarnath Das's pattern, with axis traction	Jul 2012
47	IS 8458:1977	Manipulators, uterine, Dr Purandare's pattern	Jul 2012
48	IS 8459:1977	Manstrual regulation syringe	Jul 2012
49	IS 9756:1981	Cups,vaccum extraction	Jul 2012
50	IS 10156:1982	Cannula, intra-uterine, hysterosalpingography	Mar 2010
51	IS 10545:1992	Gynaecological and obstetric instruments - Clamp, curved on flat, Heaney's pattern - Shape and dimensions (first revision)	Jul 2012
52	IS 12256:1988	Curette, uterine biopsy, angled	Mar 2010
53	IS 12270:1988	Cannula, Spackmann's pattern	Mar 2010
54	IS 12271:1988	Laparoscopic trocar and cannula	Mar 2010
55	IS 13009:2000	Contraceptive devices - Tubal ring - Specification (first revision)	Apr 2010
56	IS/ISO 16037:2000	Rubber condoms for clinical trials-Measurement of physical properties	May 2009
57	IS/ISO 4074:2002	Natural latex rubber condoms- Requirements and test methods (first revision of IS 3701)	Apr 2009

\* INDICATES STANDARDS UNDER REVISION  
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/ INDICATES EQUIVALENT STANDARDS

58	IS/ISO 8009:2004	Mechanical contraceptives-Reusable natural and silicone rubber contraceptive diaphragms-Requirements and Tests	May 2009
59	IS/ISO 16038:2005	Rubber condoms- Guidance on the use of ISO 4074 in the quality management of natural rubber latex condoms	Oct 2009
60	IS/ISO 7439:2002	Copper bearing intrauterine contraceptive devices - Requirements tests (first revision of IS 12418 (Part 1)	Apr 2012

**DRAFT STANDARDS UNDER PRINTING**

1. DOC NO: MHD 03 ( 295) / ISO 25841:2011 Female condoms- Requirements and test methods
2. DOC NO: MHD 03 ( 296) / ISO 23409:2011 Male condoms- Requirements and test methods for condoms made from synthetic materials
3. DOC NO: MHD 03 ( 297) /ISO 29941:2010 Condoms- Determination of nitrosamines migrating from natural for rubber latex condoms
4. DOC NO: MHD 03 ( 298) / ISO 29942:2011 Prophylactic dams- Requirements and test methods

**DRAFT STANDARDS COMPLETED WIDE CIRCULATION**

1. DOC NO: MHD 03 (294)/ ISO 7439:2011 Draft Indian Standard for Copper-bearing contraceptive intrauterine devices- Requirements and tests (revision of IS/ISO 7439:2002)

**NEW ITEMS**

1. Intra-Uterine Contraceptive Device – Copper T (380A)
2. Non-Scalpel Vasectomy (NSV)
3. Cu375
4. LNG IUD
5. Vaginal ring

**ASPECT WISE REPORT**

PRODUCT	50
METHODS OF TEST	2
CODE OF PRACTICE	1
TERMINOLOGY, DIMENSIONS & SYMBOLS	7

**TOTAL : 60**

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

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#### **MHD 4 EAR, NOSE AND THROAT SURGERY INSTRUMENTS SECTIONAL COMMITTEE**

**SCOPE** To formulate Indian Standards for instruments used in ear, nose and throat surgery including ENT microsurgery instruments, ENT implants, vibrators, audiometers, hearing-aids tuning forks, hooks and elevators, diagnostic instrument, etc

<b>Sl. No.</b>	<b>IS Number/ DOC Number</b>	<b>Title</b>	<b>Reaffirm Date</b>	<b>No. of Amd.</b>
<b>STANDARDS PUBLISHED</b>				
1	IS 3758:1966	Hooks, aural	Feb 2013	1
2	IS 3760:1966	Probe, aural, Jobson Horne's pattern	Feb 2013	1
3	IS 3788:1966	Specula, aural	Feb 2013	
4	IS 3799:1966	Forceps, aural and nasal, crocodile action	Feb 2013	1
5	IS 3807:2000	ENT Surgery Instrument Forceps, dressing, aural and nasal- Specification (First Revision)	Feb 2013	
6	IS 4487:2000	ENT Surgery Instrument Forceps, tonsil artery (Birkett's pattern)-First Revision	Feb 2013	
7	IS 4488:1968	Forceps, tonsil holding (Muck's and White's pattern)	Feb 2013	1
8	IS 4489:1968	Forceps, nasal turbinate, Luc's	Feb 2013	1
9	IS 4504:1968	Forceps, peritonsillar	Feb 2013	1
10	IS 4514:1968	Forceps, tonsil dissecting (Waugh's pattern)	Feb 2013	1
11	IS 4520:1968	Forceps, punch, nasal (Citelli's Antrum and Hajek's Sphenoidal)	Feb 2013	1
12	IS 4959:1968	Raspatory, nasal, Howrath's	Feb 2013	1
13	IS 4994:1968	Forceps, redressing, Walsham's right, left and straightening	Feb 2013	1
14	IS 5140:1969	Auriscope	Feb 2013	
15	IS 5147:1969	Examination lamps with bulls eye condenser (floor model)	Mar 2013	
16	IS 5338:1969	Catheter, eustachian	Feb 2013	
17	IS 5357:1969	Metallic ear syringe	Feb 2013	

\* **INDICATES STANDARDS UNDER REVISION**  
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\*\* **INDICATES STANDARDS TO BE REVISED**  
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18	IS 5377:1969	Speculum, nasal, Thudichum's	Feb 2013	1
19	IS 5412:1969	Saws, nasal, Joseph's pattern	Feb 2013	1
20	IS 5720:1970	Retractor, mastoid, self-retaining (Mollison's pattern)	Feb 2013	1
21	IS 5723:1970	Mallet with fluted handle for ENT surgery	Feb 2013	2
22	IS 5732:1970	Gouge, mastoid (Jenkin's pattern)	Feb 2013	1
23	IS 5747:1970	Retractor, endaural (Lempert's pattern)	Feb 2013	1
24	IS 6463:1972	Burs, antrum (Tilley's pattern)	Feb 2013	1
25	IS 6464:2000	ENT Diagnostic Instruments - Tuning forks (Gardiner Brown's pattern)-Specification (First Revision)	Feb 2013	
26	IS 6465:1972	Trocar, antral, with cannula (Tilley Lichtwitz pattern)	Feb 2013	1
27	IS 6469:1972	Harpoon trocar (Tilley's pattern)	Feb 2013	1
28	IS 6470:1972	Politzerization apparatus (Pritchard's pattern)	Feb 2013	
29	IS 6514:1972	Nasal cartilage knife (Ballenger' pattern )	Feb 2013	1
30	IS 7007:1973	E.E.N.T. (Eye, Ear, Nose and Throat) diagnostic set	Dec 2011	
31	IS 7282:1975	Chisel, labyrinth, straight (Lake's pattern)	Feb 2013	
32	IS 7710:1975	Snare, tonsil, Eve's pattern	Feb 2013	
33	IS 7711:1975	Curette, adenoid, Beckmann's pattern	Feb 2013	
34	IS 7712:1975	Curette, adenoid, St. Clair Thomson's Pattern	Feb 2013	
35	IS 7713:1975	Retractor, light model, Weislander's pattern	Feb 2013	
36	IS 7756:1975	Depressor, tongue, Lack's pattern	Feb 2013	
37	IS 8093:1976	Curette, Ballance's pattern	Feb 2013	
38	IS 8094:1976	Hook, cerumen, Cawthorne's pattern	Feb 2013	

\* INDICATES STANDARDS UNDER REVISION  
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39	IS 8128:1976	Elevator, Farabeuf's pattern	Feb 2013	
40	IS 8129:1976	Forceps, tonsil artery, curved, Scott's pattern	Dec 2011	2
41	IS 8136:1976	Seeker, Dundas Grant's pattern	Feb 2013	
42	IS 8157:1976	Forceps, granulation, Heath's pattern	Feb 2013	
43	IS 8191:1976	Retractor, pillar, anterior and tonsil enucleator, Mollison's pattern	Feb 2013	
44	IS 8199:1976	Tracheostomy tubes, Fuller's pattern	Feb 2013	
45	IS 8315:1977	Forceps, redressing, Asch's pattern	Feb 2013	
46	IS 8316:1977	Retractor, Hajek's pattern	Jan 2011	
47	IS 8327:1977	Forceps, nodule, vocal, Chevalier Jackson's pattern	Jan 2011	
48	IS 8343:1977	Forceps, biopsy, Paterson's pattern	Jan 2011	1
49	IS 8344:1977	Snare, aural, Glegg's pattern	Jan 2011	
50	IS 8734:1976	Forceps, cutting and removing large specimens, Chevalier Jackson's pattern	Jan 2011	
51	IS 8735:1978	Tube, suction, Yankauer's pattern	Jan 2011	
52	IS 8743:1994	ENT surgery instruments - Forceps, direct bronchoscopy, with alligator jaws and tenaculum points, Irwin Moore's pattern - Specification (first revision)	Jan 2011	
53	IS 8825:1978	Cannula, suction, irrigation with locking device, microlaryngeal	Jan 2011	
54	IS 8837:1978	Suction tubes, with stylet, microlaryngeal surgery	Jan 2011	
55	IS 8838:1978	Forceps, cup straight, microlaryngeal surgery	Jan 2011	
56	IS 8839:1978	Forceps, cup upwards, microlaryngeal surgery	Jan 2011	
57	IS 8840:1978	Scissors, micro laryngeal surgery	Jan 2011	
58	IS 9014:1979	Raspatory, fine, curved right, Zoellner's pattern	Jan 2011	
59	IS 9015:1979	Raspatory, fine, curved left, Zoellner's pattern	Jan 2011	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

60	IS 9016:1979	Needle, fine, spear pointed, curved right, Zoellner's pattern	Jan 2011	
61	IS 9017:1979	Needle, fine, spear pointed, curved left, Zoellner's pattern	Jan 2011	
62	IS 9058:1979	Knife, upward cutting, Zoellner's pattern	Jan 2011	
63	IS 9059:1979	Knife, downward cutting, Zoellner's pattern	Jan 2011	
64	IS 9060:1979	Hook, small, Zoellner's pattern	Jan 2011	
65	IS 9479:1980	Hook, fenestra, 25 deg, 45 deg and 90 deg angle, ear, Shea's pattern	Feb 2013	
66	IS 9480:1980	Elevators, left and right ear, Shea's pattern	Feb 2013	
67	IS 9526:1980	Scissors, stapedectomy, crocodile jaw	Feb 2013	
68	IS 9544:1980	Forceps, stapedectomy, round cup, elongated cup, and oval cup jaws	Feb 2013	
69	IS 9558:1980	Gauge, depth, PTFE (teflon) piston	Feb 2013	
70	IS 9564:1980	Forceps, stapedectomy, serrated, smooth and Mc Gee wire closing jaws	Feb 2013	
71	IS 9718:1981	Jig, cutting, PTFE piston	Feb 2013	
72	IS 10272:1982	Draffin suspension apparatus	Dec 2011	1
73	IS 10308:1982	Tracheostomy tubes and guides, Cubley's pattern	Dec 2011	
74	IS 10344:1982	Gag frame, Davis-Boyle and tongue plates	Dec 2011	1
75	IS 10725:1983	Knife, myringotomy	Dec 2011	1
76	IS 10726:1983	Knife, meatal skin incision	Dec 2011	1
77	IS 10786:1984	Mirror, rhinoscopic, St. Clair Thomson's pattern	Dec 2011	
78	IS 10846:1984	Speculum, nasal, Killian's pattern	Dec 2011	1
79	IS 11318:1985	Bronchoscope, aspirating, Negus pattern	Dec 2011	
80	IS 11319:1985	Oesophagoscope, Negus pattern	Dec 2011	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

81	IS 12901:1990	ENT surgery instruments - Laryngeal Fine Grasping Forceps, Crocodile Jaws, Straight -Specification	Dec 2011
82	IS 12911:1990	ENT surgery instruments - Laryngeal forceps, Oval cup-Specification	Dec 2011
83	IS 13169:1991	ENT surgery instruments - Head mirror - Specification	Jan 2011
84	IS 13179:1991	ENT surgery instruments - Tracheostomy tubes, Chevalier Jackson's pattern – Specification	Dec 2011

**DRAFT AMENDMENT UNDER WIDE CIRCULATION**

1 Doc. No. MHD 04(0265): Draft Amendment No.2 to IS 3758:1966 ‘Specification for Hooks, Aural.’

2 Doc. No. MHD 04(0266): Draft Amendment No.2 to IS 3760:1966 ‘Specification for Probe, Aural, Jobson Horne’s Pattern.’

3 Doc. No. MHD 04(0267): Draft Amendment No.1 to IS 3788:1966 ‘Specification for Specula, Aural.’

4 Doc. No. MHD 04(0268): Draft Amendment No.1 to IS 5338:1966 ‘Specification for Catheter, Eustachian.’

**ASPECT WISE REPORT  
PRODUCT**

84

**TOTAL: 84**

*\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS*

*\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS*

## MHD 5 OPHTHALMIC INSTRUMENTS AND APPLIANCES SECTIONAL COMMITTEE

- SCOPE**
- a) To formulate Indian Standards for surgical instrument, Ocular implants and equipment used in eye surgery
  - b) To coordinate with the work of
    - i) ISO/TC 172 "Optics and Optical Photonics "(O Member)
    - ii) ISO/TC SC 7 Ophthalmic Optics and Instruments (O Member)

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
<b>STANDARDS PUBLISHED</b>				
1	IS 4382:1967	Specification for Non-tinted ophthalmic glass	Mar 2012	1
2	IS 4569(Part 1):1985	Specification for Scissors, eye Part 1 Corneal (second revision)	Mar 2012	
3	IS 4569(Part 2):1985	Specification for Scissors, eye Part 2 Conjunctival, blunt and sharp point scissors(second revision)	Mar 2012	
4	IS 4569(Part 3):1985	Specification for Scissors, eye Part 3 Scissors, tenotomy (second revision)	Mar 2012	
5	IS 4569(Part 4):1985	Specification for Scissors, eye Part 4 Scissors, enucleation (second revision)	Mar 2012	
6	IS 4569(Part 5):1985	Specification for Scissors, eye Part 5 Scissors, spring action, Vann's pattern (Modified) (second revision)	Mar 2012	
7	IS 4569(Part 6):1985	Specification for Scissors, eye Part 6: Scissors, Iris (second revision)	Mar 2012	
8	IS 4790:1989	Knife, eye, corneal splitting (Lang's & Tooke's patterns)(Modified) (Second revision)	Nov 2013	
9	IS 4978:1985	Forceps, eye, fixation (toothed ) (first revision)	Mar 2012	1
10	IS 5157:1981	Forceps, eye, Iris (first revision)	Feb 2013	1
11	IS 5232:1990	Eye surgery instruments - Forceps, eye,cilia, Beer's pattern (modified) - Specification (second revision)	Oct 2010	1
12	IS 5367:1969	Forceps, eye,strabismus, for advancement (Prince's & Worth's patterns)	Mar 2012	
13	IS 5668:1989	Eye surgery instruments - Forceps, eye dissecting, serrated, fine - Specification (first revision)	Nov 2013	
14	IS 5678:1970	Specification for Forceps, eye, conjunctival, suture (Moorfield's pattern)	Feb 2013	
15	IS 5721:1970	Specification for Forceps, eye,peripheral iridectomy (Sinclair's pattern)	Feb 2013	
16	IS 5722:1970	Specification for Hook, eye, Iris (Tyrell's pattern)	Feb 2013	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

17	IS 6420:1989	Specification for eye surgery instruments - Retractor, eye, Lachrymal sac Muller's pattern (modified) - Specification (first revision)	Nov 2013	
18	IS 6472:1971	Specification for general requirements for tinted ophthalmic glass	Nov 2013	
19	IS 6473:1972	Specification for trial spectacle lens sets	Feb 2013	
20	IS 7006:1973	Specification for visual acuity test charts	Mar 2012	
21	IS 7734:1975	Specification for forceps, eye, peripheral iridectomy (Traquair's pattern)	Feb 2013	1
22	IS 7758:1975	Specification for curette, eye, evacuation, Moorfield's pattern	Feb 2013	1
23	IS 7762:1975	Hook, eyelid	Feb 2013	1
24	IS 7767:1975	Spatula, eye, cyclodiagnosis, Sinclair's pattern	Feb 2013	1
25	IS 7786:1975	Retractor, eyelid, Desmarre's pattern	Feb 2013	1
26	IS 8106:1976	Needle holder, eye, Kalt's pattern	Nov 2013	
27	IS 8109:1976	Needle holder, eye, Castroviejo's pattern	Nov 2013	
28	IS 8181:1976	Repositor, Iris	Nov 2013	
29	IS 8257:1976	Ophthalmoscope	Feb 2013	
30	IS 8260(Part 1):1976	Glossary of terms relating to ophthalmic lenses and spectacle frames Part 1 Ophthalmic lenses	Nov 2013	
31	IS 8771:1985	Needle holder, eye, scissors and forceps combined, Castroviejo's pattern modified (first revision)	Mar 2012	
32	IS 8772:1985	Specification for needle holder, eye, Barraquer's pattern modified (first revision)	Mar 2012	
33	IS 8773:1985	Dissector, lacrimal Sac, Lang's pattern modified (First Revision)	Mar 2012	
34	IS 8810:1985	Rouge for lacrimal sac, Rollet's pattern modified (first revision)	Mar 2012	
35	IS 9061:1989	Dilator, punctum, Wilder's pattern (Modified)-Specification (first revision)	Nov 2013	
36	IS 9062:1987	Probes, lacrimal, Bowman's pattern (first revision)	Feb 2013	1

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

37	IS 9134:1987	Trephine, corneal, Castroviejo's pattern(Modified) (first revision)	Feb 2013	1
38	IS 9329:1987	Speculum, eye, Clark's pattern (first revision)	Feb 2013	
39	IS 9378:1987	Specification for Speculum, eye, Castroviejo's pattern(Modified) (first revision)	Feb 2013	
40	IS 9626:1990	Calipers, Castroviejo's pattern (Modified) (first revision)	Oct 2010	
41	IS 9688:1992	Eye Surgery Instruments - Hook, strabismus - Specification	Feb 2013	
42	IS 9983:1981	Wire vectis and lens expressor, eye	Feb 2013	1
43	IS 9984:1981	Cannula, air injection, eye	Feb 2013	
44	IS 10009:1981	Breaker and holder, razor blade, Barraquer's pattern	Feb 2013	1
45	IS 10045:1981	Punch, lacrimal bone, Beyer's pattern	Feb 2013	1
46	IS 10058:1985	Forceps, fixation, Graef's pattern modified (first revision)	Mar 2012	
47	IS 10389:1983	Fixation hook, eye, Guthrie's pattern	Nov 2013	
48	IS 10390:1983	Muscle hook	Nov 2013	
49	IS 10408:1983	Spatula, eye, Green's pattern	Nov 2013	
50	IS 10696:1983	Round segment fused bifocal blanks	Nov 2013	
51	IS 10847:1984	Speculum with screw adjustment, eye, right & left, Arruga's pattern	Nov 2013	
52	IS 10848:1984	Irrigator anterior chamber, eye, Bishop Harmann's pattern	Nov 2013	
53	IS 11244:1985	Trephine, bone lacrimal, with handle	Mar 2012	
54	IS 12947:1990	Eye surgery instruments - Tonometers - Specification	Oct 2010	
55	IS 13783:1993 / ISO 8429-1986	Optics and optical instruments - Ophthalmology - Graduated dial scale	Nov 2013	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

56	IS 14895:2000	Ophthalmic Instruments - Spuds, Foreign Body - Waltons Sizes Dec 2010 1 and 1.5 mm Wide, Stainless Steel – Specification	
57	IS/ ISO 11979-6:2007	Ophthalmic Implants -Intraocular Lenses- Part -6 Shelf life and transport stability	Jan 2012
58	IS / ISO 11979-7:2006	Ophthalmic Implants -Intraocular Lenses- Part -7 Clinical investigation	Jan 2012
59	IS / ISO 7998:2005	Ophthalmic Optics-Spectacles frames- List of equivalent terms and vocabulary( Superseding IS 8260(Part 2):1976)	Aug 2011
60	IS / ISO 18369-4:2006	Ophthalmic Optics-Contact Lenses-Part 4 Physicochemical properties of contact lenses material(Superseding IS 13767:1993, IS 13903:1993 & IS 13928:1993)	May 2012
61	IS / ISO 8980-1:2004	Ophthalmic Optics-Uncut finished Spectacle lenses- Part 1-Specification for single vision and multifocal lenses (Superseding IS 5695:1970)	Aril 2012
62	IS / ISO 18369-1:2006	Ophthalmic Optics-Contact lenses- Part 1 Vocabulary Classification system and recommendation for labeling Specification(Superseding IS 13767:1993, IS 13903:1993 & IS 13928:1993)	May 2012
63	IS / ISO 18369-2:2006	Ophthalmic Optics- contact Lenses -Part 2:Tolerances (Superseding IS 13767:1993, IS 13903:1993 & IS 13928:1993)	April 2012
64	IS / ISO 18369-3:2006	Ophthalmic Optics-Contact Lenses-Part 3 Measurement Method (Superseding IS 13767:1993, IS 13903:1993 & IS 13928:1993)	May 2012
65	IS / ISO 11979-1:2006	Ophthalmic Implants -Intraocular Lenses- Part -1 Vocabulary (Superseding IS 14323:1996)	May 2012
66	IS / ISO 11979-2:1999	Ophthalmic Implants -Intraocular Lenses- Part -2 Optical Properties and test methods (Superseding IS 14323:1996)	May 2012
67	IS / ISO 11979-3:2006	Ophthalmic Implants -Intraocular Lenses- Part -3 Mechanical Properties and test methods (Superseding IS 14323:1996)	May 2012
68	IS / ISO 11979-4:2008	Ophthalmic Implants -Intraocular Lenses- Part -4 Labelling and Information (Superseding IS 14323:1996)	June 2011
69	IS / ISO 11979-5:2006	Ophthalmic Implants -Intraocular Lenses- Part -5 Biocompatibility (Superseding IS 14323:1996)	May 2012
70	IS / ISO 11979-8:2006	Ophthalmic Implants -Intraocular Lenses- Part -8 Fundamental requirements (Superseding IS 14323:1996)	June 2011
71	IS / ISO 11979-9:2006	Ophthalmic Implants -Intraocular Lenses- Part -9 Multifocal Intraocular lenses (Superseding IS 14323:1996)	May 2012
72	IS / ISO 11979-10:2006	Ophthalmic Implants -Intraocular Lenses- Part -10 Phakic Intraocular lenses (Superseding IS 14323:1996)	May 2012

\* INDICATES STANDARDS UNDER REVISION  
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/ INDICATES EQUIVALENT STANDARDS

## FINALISED DRAFTS UNDER PRINT

1	DOC.MHD 5(196) / ISO 8596:2009	Ophthalmic Optics-Visual acuity twisting-Standard optotype and its presentation
2	DOC.MHD 5(197) / ISO 8598:1996	Optics and optical instruments- Focimeters
3	DOC.MHD 5(198) / ISO 8612:2009	Ophthalmic Instruments-Tonometers
4	DOC.MHD 5(199) / ISO 9801:2009	Ophthalmic Instruments-Trial case lenses
5	DOC.MHD 5(200) / ISO 10342:2003	Ophthalmic Instruments-Eye refractometers
6	DOC.MHD 5(201) / ISO 10938:1998	Ophthalmic Instruments-Chart projectors
7	DOC.MHD 5(202) / ISO 10939:2007	Ophthalmic Instruments-Slit lamp microscopes
8	DOC.MHD 5(203) / ISO 10940:2009	Ophthalmic Instruments-Fundus cameras
9	DOC.MHD 5(204) / ISO 10942:2006	Ophthalmic Instruments-Direct Ophthalmoscopes
11	DOC.MHD 5(206) / ISO 12865:2006	Ophthalmic Instruments -Retinoscopes
12	DOC.MHD 5(207) / ISO 12866:1999	Ophthalmic Instruments -Perimeters

## DRAFT STANDARD FINALIZED FOR PRINTING

1.	DOC MHD 05(0222) / ISO 8624:2011	Ophthalmic optics- Spectacle frames-Measuring system and terminology
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## DRAFT STANDARDS COMPLETED WIDE CIRCULATION

1.	DOC.MHD 5(205) / ISO 10943:2006	Ophthalmic Instruments- Indirect Ophthalmoscopes
2.	DOC MHD 05(0223) /ISO 8980-2:2004	Ophthalmic optics- Uncut finished spectacle lenses- Part 2: Specifications for progressive power lenses
3.	DOC MHD 05(0224) /ISO 8980-3:2003	Ophthalmic optics- Uncut finished spectacle lenses— Part 3: Transmittance Specifications and test methods
4.	DOC MHD 05 (0225) /ISO 8980-4:2006	Ophthalmic optics- Uncut finished spectacle lenses— Part 4: Specifications and test methods for anti reflective Coatings
5.	DOC MHD 05 (0226) /ISO 8980-5:2005	Ophthalmic optics- Uncut finished spectacle lenses— Part 5 Minimum requirements for spectacle lens surfaces Claimed to be abrasion-resistant
6.	DOC MHD 05 (0227) /ISO 11985:1997	Ophthalmic optics-Contact lenses-Ageing by exposure to UV and visible radiation (in vitro method)
7.	DOC MHD 05 (0228) /ISO 11986:2010	Ophthalmic optics-Contact lenses and contact lens care products – Guidelines for determination of preservative uptake And release
8.	DOC MHD 05 (0229) /ISO 15253:2000	Ophthalmic optics and instruments –Optical devices for enhancing low vision
9.	DOC MHD 05 (0230) /ISO 15254:2009	Ophthalmic optics and instruments-Electro –optical devices for enhancing low vision
10.	DOC MHD 05(0231) /ISO 15798:2010	Ophthalmic Implants- Ophthalmic viscosurgical devices
11.	DOC MHD 05 (0232) /ISO 16671:2003	Ophthalmic Implants- Irrigating solutions for ophthalmic surgery
12.	DOC MHD 05(0233) ISO 16672:2003	Ophthalmic Implants – Ocular endotamponades

## ASPECT WISE REPORT

PRODUCT	59
METHOD OF TEST	6
CODES OF PRACTICES	1
TERMINOLOGY, DIMENSIONS & SYMBOLS	5
OTHERS	1

**TOTAL : 72**

\* INDICATES STANDARDS UNDER REVISION

\*\* INDICATES STANDARDS TO BE REVISED

/ INDICATES DUAL NUMBER STANDARDS

/ INDICATES EQUIVALENT STANDARDS



**MHD 6 THORACIC AND CARDIOVASCULAR SURGERY INSTRUMENTS SECTIONAL COMMITTEE****SCOPE** To formulate Indian Standards for thoracic and cardiovascular surgery instruments, implants and accessories

To coordinate with the work of

- i) ISO/TC 150/ SC2 'Cardiovascular Implants & Extracorporeal Systems' (P Member)
- ii) ISO/TC 150/SC 6 Active Implant (O Member)

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
<b>STANDARDS PUBLISHED</b>				
1	IS 6395:1989	Thoracic surgery instruments- Clamps, auricle, Crafoord's pattern (first revision)	Mar 2010	
2	IS 6436:1989	Thoracic surgery instruments - Spreader, Rib, Finochietto's pattern adult size(first revision)	Mar 2010	
3	IS 6442:1989	Thoracic surgery instruments - Shears, Rib, Tudor Edward's pattern,for posterior end of ribs (first revision)	Mar 2010	
4	IS 6466:1989	Thoracic and Cardiovascular surgery instruments - Needle holders (first revision)	Mar 2010	
5	IS 6467:1989	Thoracic surgery instruments - Periosteotome, Rib, Alexander's pattern (first revision)	Mar 2010	
6	IS 6468:1989	Thoracic surgery instruments - Trocar, empyema, Nelson's Pattern (first revision)	Mar 2010	
7	IS 6777:1989	Thoracic and cardiovascular surgery instruments - Forceps, dissecting, lung (first revision)	Mar 2010	
8	IS 6778:1989	Thoracic surgery instruments - Forceps, lung, Duval's pattern (first revision)	Mar 2010	
9	IS 6779:1989	Thoracic surgery instruments - Forceps, dissecting and ligature, Mixer's pattern (first revision)	Mar 2010	
10	IS 6780:1989	Thoracic surgery instruments - Forceps, artery, Robert's pattern,curved on flat(first revision)	Mar 2010	
11	IS 7345:1994	Cardiovascular surgery instruments - Anastomosis forceps and clamps - Patterns,shapes and dimensions (second revision)	Mar 2010	
12	IS 7346:1987	Raspatories, rib,Semb's Pattern (first revision)	Mar 2010	1
13	IS 7355:1987	Spreader, rib, Tuffier's pattern, adult size (first revision)	Mar 2010	1
14	IS 7367:1987	Clamp, coarctation, Pott's pattern, straight and angular (first revision)	Mar 2010	
15	IS 7379:1987	Clamp, patent ductus, Potts' pattern, straight and angular (first revision)	Mar 2010	
16	IS 7382:1987	Shears,rib, Price Thomas'pattern (first revision)	Mar 2010	
17	IS 7399:1987	Knife, sternum, Lebsche's pattern (first revision)	Mar 2010	1

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

18	IS 7434:1987	Retractor, scapula, Tudor Edward's pattern (first revision)	Mar 2010	
19	IS 7971:1987	Tourniquet, cardiovascular, Rumel-Belmont's pattern (first revision)	Mar 2010	
20	IS 7972:1987	Scissors, dissecting, Metzenbaum's pattern (first revision)	Mar 2010	1
21	IS 8317:1991	Clamp, vasular, angled at 45 degree - Shape and dimensions (first revision)	Mar 2011	
22	IS 8335:1991	Clamps; auricle, Satinsky pattern- sizes, shapes and dimensions (first revision)	Mar 2011	
23	IS 8345:1994	Cardiovascular surgery instruments - Clamps, bulldog, cross action type - Specification (first revision)	Mar 2010	
24	IS 8409:1991	Dilators, valve, Tubb's Mitral pattern (first revision)	Mar 2011	
25	IS 8549:1991	Scissors, angled, Potts Smith pattern (first revision)	Mar 2012	
26	IS 8890:1991	Clamps, bronchus - Types, shapes and dimensions (first revision)	Mar 2011	
27	IS 9928:1981	Clamp, arotic, De Bakey's pattern (spoon shaped angled jaw)	Mar 2010	
28	IS 9950:1981	Clamp, vascular, Wister pattern	Mar 2010	
29	IS 9951:1981	Scissors, blunt end, Nelson pattern	Mar 2010	
30	IS 9987:1981	Clamps, multipurpose, De Bakey's pattern	Mar 2010	
31	IS 10540:1990	Clamp, atrial appendage, Glover's pattern - Shape and dimensions (first revision)	Mar 2011	
32	IS 10541:1991	Clamps, vena cava, Satinsky pattern - Shape, size and dimensions (first revision)	Mar 2011	
33	IS 11566:1986	Valve retractors	Mar 2012	
34	IS/ISO 5840:2005	Cardiovascular Implants - Cardiac Valve - Protheses - Specification	Feb 2012	
35	IS 13940:1994	Cardiovascular surgery instruments - Clamps, bulldog, DeBakey's ring handle - Shape and dimensions	Mar 2010	
36	IS/ISO 15539:2000	Cardiovascular Implants -Endovascular protheses	Jan 2012	
37	IS/ISO 7199:1996	Cardiovascular Implants and artificial organs-Blood Gas Exchangers (Oxygenators)	Apr 2012	
38	IS/ISO 13960:2003	Cardiovascular Implants and artificial organs-Plasmafilters	Apr 2012	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

39	IS/ISO 15674:2001	Cardiovascular Implants and artificial organs-Hard Shell Cardiotomy venous reservoir system (with/without filter) and soft venous reservoir bags	Apr 2012
40.	IS/ISO 25539-1:2003	Cardiovascular Implants and artificial organs-End Vascular Device	Apr 2012
41	IS / ISO 8637:2004	Cardiovascular Implants & Artificial Organs- Haemodialysers, haemodialiters, haemofilters and haemoconcentrators (Second revision of IS 13890:1994)	Apr 2012
42	IS / ISO 8638:2004	Cardiovascular Implants and artificial organs-Extracorporeal blood circuit for haemodialysers haemodiafilters and haemofilters (Second revision of IS 13878:1993)	Apr 2012

### FINALISED DRAFTS UNDER PRINT

1	DOC.MHD 6(211) ISO 15676:2005	Cardiovascular implants and artificial organs – Requirements for single-use –tubing packs for cardiopulmonary by pass and extracorporeal membrane oxygenation (ECMO).
2	DOC.MHD 6(212) ISO 25539-2:2008	Cardiovascular implants – Endovascular devices – Part 2: Vascular
3	DOC.MHD 6(213) /ISO 7199:2009	Cardiovascular implants and artificial organs -- Blood-gas exchangers ISO (oxygenators)’
4	DOC.MHD 6(214) /ISO8637:2010	Cardiovascular implants and extracorporeal systems -- Haemodialysers, haemodiafilters, haemofilters and haemoconcentrators’
5	DOC.MHD 6(215) /ISO8638:2010	Cardiovascular implants and extracorporeal systems -- Extracorporeal blood circuit for haemodialysers, haemodiafilters and haemofilters’
6	DOC.MHD 6(216) /ISO13960:2010	Cardiovascular implants and extracorporeal systems – Plasmafilters’
7	DOC.MHD 6(217) /ISO15674:2009	Cardiovascular implants and artificial organs -- Hard-shell cardiotomy/venous reservoir systems (with/without filter) and soft venous reservoir bags’

### NEW ITEM

1. Guideline of re-use of Instruments

### ASPECT WISE REPORT

PRODUCT	33
TERMINOLOGY, DIMENSIONS & SYMBOLS	7
OTHERS	2

**TOTAL : 42**

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
| INDICATES EQUIVALENT STANDARDS

## MHD 7 NEUROSURGERY INSTRUMENTS IMPLANTS AND ACCESSORIES SECTIONAL COMMITTEE

**SCOPE** To formulate Indian Standards for neurosurgery instruments, implants and accessories (cranial & spinal) and monitoring devices.

To coordinate with the work of ISO/TC 150/SC 3 'Neurosurgical Implants' (O Member)

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
<b>STANDARDS PUBLISHED</b>				
1	IS 8174:1994	Neurosurgical instruments - Forceps, artery, Dandy's pattern - Shape and dimensions (first revision)	Mar 2010	
2	IS 8175:1994	Neurosurgical Instruments - Forceps, Artery, Straight and Curved on Flat, Hugh Cairn's Pattern - Shape and Dimensions	Mar 2010	
3	IS 8176:1976	Dissectors, Penfield's pattern	Nov 2012	
4	IS 8334:1977	Rongeur, cranial, Dahlgren's pattern	Nov 2012	
5	IS 8380:1977	Rongeur, double-action, Olivecrona's pattern	Nov 2012	
6	IS 8695:1978	Forceps, dressing, bayonet shape, Cushing's pattern	Nov 2012	
7	IS 8696:1978	Guide, saw, De Martel's pattern	Nov 2012	
8	IS 8799:1978	Rongeur, Kerrison	Nov 2012	
9	IS 9041:1979	Elevator periosteal	Nov 2012	
10	IS 9072:1979	Rongeur, pituitary	Nov 2012	
11	IS 9073:1979	Neuro-suction tubes	Nov 2012	
12	IS 9074:1979	Raney clips and clip applicator	Nov 2012	
13	IS 9408:1986	Retractor, self retaining (first revision)	Nov 2012	
14	IS 9410(Part 1):1980	Silver clip set Part 1 Forceps, clip cutting and forming	Nov 2012	
15	IS 9410(Part 2):1980	Silver clip set Part 2 Forceps, clip applying	Nov 2012	
16	IS 9410(Part 3):1981	Silver clip set Part 3 Rack, clip	Nov 2012	
17	IS 9903:1981	Brace, skull	Nov 2012	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

18	IS 9904:1981	Hooks, dural	Nov 2012
19	IS 9911:1981	Cannula, brain	Nov 2012
20	IS 9914:1981	Calipers, ice tong,Cone's pattern	Nov 2012
21	IS 9933:1981	Retractor, brain,malleable	Nov 2012
22	IS 10157:1982	Percussor, neurological, Magill's pattern	Jan 2011
23	IS 10172:1982	Burs and perforators for drill brace	Jan 2011
24	IS 10174:1982	Tong, skull traction, Crutchfield's pattern	Jan 2011
25	IS 10183:1982	Retractor, deep, self-retaining, laminectomy	Jan 2011
26	IS 10676:1983	Spatula, brain, double-ended, malleable, Olivecrona's pattern	Jan 2011
27	IS 10677:1983	Rongeur, intervertebral disc	Jan 2011
28	IS 10765:1983	Forceps, dissecting, toothed and bayonet shaped,Cushing's pattern	Jan 2011
29	IS 13141:1991	Neurosurgical Instruments-Leksell's Rongeur - Specification	Mar 2012
30	IS 13175:1991	Neurosurgical Instruments - Needle Holder - Shape and Dimensions	Nov 2012
31	IS 13180:1991	Neurosurgical Instruments - Scoville Trephine - Specification	Nov 2012
32	IS 14139:2008 / ISO 9713:2002	Neurosurgical implants - Self closing intracranial aneurysm clips(first revision)	Jun 2013
33	IS/ ISO 7197:2006	Neurosurgical implants - Sterile, single-use hydrocephalus shunts and components (second revision of IS 14219)	Jan 2010
34	IS 14679:1999	Neurosurgical implants - Implantable peripheral nerve stimulators	Jan 2011
35	IS 14921:2001 / ISO 10310:1995	Neurosurgical implants - marking & packaging of implantable neural stimulators	Mar 2012
36	IS/ISO 14708-1:2000	Implants for surgery -- Active implantable medical devices -- Part 1:General requirements for safety, marking and for information to be provided by the manufacturer	May2013
37	IS/ISO 14708-3:2008	Implants for surgery -- Active implantable medical devices -- Part 3: Implantable neurostimulators	May2013

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

## ASPECT WISE REPORT

PRODUCT	32
TERMINOLOGY, DIMENSIONS & SYMBOLS	3
OTHERS	2
<b>TOTAL :</b>	<b>37</b>

*\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS*

*\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS*

## MHD 8 DENTISTRY SECTIONAL COMMITTEE

**SCOPE** To formulate Indian Standards for all types of dental instruments, equipments, filling and restorative materials, prosthodontic materials, dental implants, terminology methods of tests,

To coordinate with the work of

i) ISO/TC 106 `Dentistry'( P Member)

a)ISO/TC 106/SC1 Filling and restorative material(O Member)

b) ISO/TC 106/SC2 Prosthodontic materials (O member)

c)ISO/TC 106/SC3 Terminology (O Member)

d) ISO/TC 106/SC4 Dental Instrument (O Member)

e) ISO/TC 106/SC6 Dental equipment (O Member)

f) ISO/TC 106/SC7 Oral Care Product (O Member)

g)ISO/TC 106/SC8 Dental Implants (O Member)

194 `Biological testing of medical and dental material and devices' so far as it concerns its own work (O Member)

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
<b>STANDARDS PUBLISHED</b>				
1	IS/ISO 7492:1997	Dental explorers	Jun 2013	
2	IS 3875:1983	Specification for Hot Plate, Wax Levelling, Dental	Mar 2012	
3	IS 3876:1985	Specification for Knife, Plaster, Dental	Mar 2012	
4	IS 3877:1967	Specification for Wax Knife, Dental	Feb 2013	1
5	IS 3878:1967	Specification for Plaster Shears, Dental	Feb 2013	1
6	IS 3879:1967	Specification for Wax Spatula, Dental	Feb 2013	1
7	IS 3887:1978	General requirements for cutting type dental instruments	Feb 2013	
8	IS 3888:1987	Specification for Spatula, Stainless Steel, Dental	Feb 2013	
9	IS 3889:1985	Specification for Chisels, Dental	Mar 2012	
10	IS 3890(Part 1):1986	Specification for Instruments, Plastic Filling, Dental - Part I : Designation Numbers 1, 3, 4, 5 and 6	Mar 2012	
11	IS 3890(Part 2):1967	Specification for Instruments, Plastic Filling, Dental - Part II : Designation Numbers 12, 20, 21, 46, 47, 153 and 183	Feb 2013	

\* INDICATES STANDARDS UNDER REVISION  
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12	IS 4316:1991	Orthodontic pliers, snipe nose - Shape,dimensions and tests	Mar 2012	
13	IS 4319(Part 2):1986	Specification for Pliers, Stretching and Contouring, Dental - Part 2 Pliers, contouring	Mar 2012	
14	IS 4679:1968	Specification for Spatula, Plaster, Dental, Curved and Straight	Feb 2013	
15	IS 4680:1968	Specification for Spatula, Wax, Dental, No. 2	Feb 2013	
16	IS 4714:1985	Specification for Scalers, Dental, no. SC 1/2, 3/4 and 5/6	Mar 2012	
17	IS 4715:1968	Specification for Excavators, Dental, No. EX 1/2, 3/4, 5/6, 7/8, 9/10, 11/12 and 13/14	Feb 2013	
18	IS 4975:1986	Specification for Elevators, Dental, No. 1, 2 and 3	Mar 2012	
19	IS 4976:1987	Specification for Forceps Extraction, Dental, Upper Anteriors, No. 1 and 2	Feb 2013	
20	IS 4977:1968	Specification for Forceps, Extraction, Dental, Lower Molar, Hawk's Bill, No. 1	Feb 2013	
21	IS 5004:1968	Specification for Spoons, Cutting Dental, No. 1/2, 3/4 and 5/6	Feb 2013	
22	IS 5005:1968	Specification for Burnisher, Dental, No. Brn 1/2	Feb 2013	
23	IS 5017:1968	Specification for Carvers, Dental, No. Car 1/2, 3/4 and 5/6	Feb 2013	
24	IS 5023:2003	Dental Units	Mar 2012	
25	IS 5178:1969	Specification for Gingival Margin Trimmers, Dental, No. GMT 1/2, 3/4, 5/6 and 7/8	Feb 2013	
26	IS 5179:1986	Specification for Pluggers, Root Canal, Dental, No. PLG 1, 2 and 3	Mar 2012	
27	IS 5180:1969	Specification for Needles, Hypodermic, Dental	Feb 2013	
28	IS 5181:1969	Specification for Press, Flask, Dental	Feb 2013	1
29	IS 5185:1969	Specification for Articulators, Dental	Feb 2013	2
30	IS 5211:1969	Specification for Scissors, Dental No. 1, Straight and Curved on Flat	Feb 2013	
31	IS 5212:1969	Specification for Scissors, Crown, Dental, Straight and Curved on Flat	Feb 2013	

\* INDICATES STANDARDS UNDER REVISION  
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32	IS 5217:1969	Specification for Clamp, Flask, Dental	Feb 2013
33	IS 5227:1969	Specification for Flasks, Dental	Feb 2013
34	IS 5541:1970	Specification for Spatula, Plastics, Clear and Colorless, Dental	Feb 2013
35	IS 5576:1985	Specification for Carriers, Amalgam, Dental, No. 1 and 2	Mar 2012
36	IS 5582:1986	Specification for Mandrels, Dental, No, 1, 2 and 3	Mar 2012
37	IS 5584:1970	Specification for Syringe, Hypodermic, Cartridge, Dental, Pivot Breech Cap Type	Feb 2013
38	IS 5763:1970	Specification for Occlusal Plane Guide, Dental	Feb 2013
39	IS 5794:1986	Specification for Pliers, Pin-roughening and Bending, Dental	Mar 2012
40	IS 5795:1991	Orthodontic pliers, Crown and ligating, Howe's pattern - Shape, dimensions and tests (first revision)	Mar 2012
41	IS 5879:1970	Specification for Punch, Rubber Dam, Dental	Feb 2013
42	IS 5941:1970	Specification for Dental Engine, Electric	Dec 2012
43	IS 5965:1970	Specification for Frame, Rubber Dam, Dental	Feb 2013
44	IS 6020:2003 / ISO 9873:1998	DENTAL HAND INSTRUMENTS - REUSABLE MIRRORS AND HANDLES (First Revision)	Mar 2012
45	IS 6035:1986	Specification for Zinc Phosphate Dental Cement (first revision)	Mar 2012
46	IS 6036:1987	Specification for Alginate Dental Impression Materials (first revision)	Feb 2013
47	IS 6037:1970	Specification for Zinc Oxide-eugenol Dental Impression Paste	Feb 2013
48	IS 6038:1979	Specification for Dental Impression (Modelling) Compound(first revision)	Mar 2012
49	IS 6039:1970	Specification for Zinc Oxide-eugenol Dental Cement	Mar 2012
50	IS 6043:1970	Specification for Copper Phosphate - Zinc Phosphate Dental Cement	Feb 2013

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

51	IS 6116:1992 / ISO 6875-1988	Dental equipment - Dental patient chair - Specification (first revision)	Feb 2013	
52	IS 6292:1986	Specification for Cotton Wool Holder, Dental(first revision)	Mar 2012	
53	IS 6402:1986	Specification for Forceps, Rubber Dam Clamp and Cotton Roll Clamp, Dental (first revision)	Mar 2012	
54	IS 6404:1971	Specification for Tweezers, Dental, No. 1, 2 and 3	Feb 2013	
55	IS 6462:1972	Fitting Dimensions for Dental Burs and Cutters	Jan 2011	
56	IS 6525:1972	Specification for Syringe, Hypodermic, Dental for Interchangeable Needles	Feb 2013	
57	IS 6555:1972	Specification for Dental Laboratory Plaster	Feb 2013	1
58	IS 6556:1972	Specification for Dental Impression Plaster	Mar 2012	
59	IS 6811:1972	Specification for Syringe, Water, Self-filling, Dental	Feb 2013	
60	IS 6814:1972	Specification for Syringe, Air and Water, Dental	Feb 2013	
61	IS 6815:1972	Specification for Retainers, Matrix, Dental, No. 1 and 2	Feb 2013	
62	IS 6822:1972	Specification for Cutter, Distal Arch Wire, Dental	Feb 2013	
63	IS 6823:1972	Specification for Forceps, Extraction, Dental, Lower Molars	Feb 2013	
64	IS 6824:1972	Specification for Forceps, Extraction, Dental, Lower Wisdom Tooth	Feb 2013	
65	IS 6825:1972	Specification for Forceps, Extraction, Dental, Upper Cuspids and Bicuspid	Feb 2013	
66	IS 6826:1972	Forceps, extraction, dental, lower incisors, cuspids and bicuspid, left	Feb 2013	
67	IS 6827:1972	Specification for Forceps, Extraction, Dental, Upper Molars, Left	Feb 2013	
68	IS 6828:1972	Specification for Forceps, Extraction, Dental, Upper Molars, Right	Feb 2013	
69	IS 6829:1991	Dental Instruments - Orthodontic Pliers, Angle Wire Bending - Shape, Dimensions and Tests(first revision)	Mar 2012	
70	IS 6846:1972	General requirements for control unit for airturbine, dental	Mar 2012	
71	IS 6856:1972	Specification for Forceps, Extraction, Dental, Upper Root, Narrow Beak	Feb 2013	

\* INDICATES STANDARDS UNDER REVISION  
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\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

72	IS 6858:1972	Specification for Forceps, Extraction, Dental, Lower Incisors, Cuspids and Bicuspids	Feb 2013
73	IS 6859:1972	Specification for Forceps Extraction, Dental, Upper Root, Wide Beak	Feb 2013
74	IS 6866:1986	Specification for Forceps, Extraction, Dental, Upper Wisdom Tooth (first revision)	Jan 2011
75	IS 6867:1972	Specification for Forceps, Extraction, Dental, Upper Root, Medium Beak	Feb 2013
76	IS 6868:1991	Dental instruments - Dental extraction forceps - Specification (first revision)	Mar 2012
77	IS 6870:1986	Specification for Pliers, Loop Bending, Dental(first revision)	Mar 2012
78	<a href="#">IS 6887:1986</a>   <a href="#">ISO 1567: 1999</a>	<a href="#">Dentistry - Denture Base Polymers (Second revision)</a>	<a href="#">Jun 2010</a>
79	IS 6888:1986	Specification for Dental Inlay Casting Wax(first revision)	Mar 2012
80	IS 7066:1973	Specification for Trays, Instrument-cabinet, Dental	Feb 2013
81	IS 7333:1991	Orthodontic pliers, spring forming - Shape and dimensions	Mar 2012
82	IS 7334:1988	Specification for Pliers, Clasp Adjusting, Dental	Jan 2011
83	IS 7335:1974	Specification for Pliers, Closing Loop, Nance Type, Dental	Feb 2013
84	IS 7338:1991	Orthodontic pliers, band removing, posterior - Shape and dimensions	Mar 2012
85	IS 7340:1974	Pliers, pin and ligature cutting, dental	Feb 2013
86	<a href="#">IS 7348(Part 1):2003</a> / <a href="#">ISO 1942-1:1989</a>	<a href="#">Dental Vocabulary - Part 1 : General and Clinical Terms</a>	<a href="#">Oct 2013</a>
87	<a href="#">IS 7348(Part 2):2003</a> / <a href="#">ISO 1942-2:1989</a>	<a href="#">Dental Vocabulary - Part 2 : Dental Materials</a>	<a href="#">Mar 2012</a>
88	<a href="#">IS 7348(Part 3):2003</a> / <a href="#">ISO 1942-3:1989</a>	<a href="#">DENTAL VOCABULARY PART 3 DENTAL INSTRUMENTS (Second Revision)</a>	<a href="#">Mar 2013</a>
89	<a href="#">IS 7348(Part 4):1994</a> / <a href="#">ISO 1942-4:1989</a>	<a href="#">Dental vocabulary Part 4 : Dental equipment (second revision)</a>	<a href="#">Jan 2011</a>
90	<a href="#">IS 7348(Part 5):1994</a> / <a href="#">ISO 1942-5:1989</a>	<a href="#">Dental vocabulary Part 5 Terms associated with testing</a>	<a href="#">Jan 2011</a>
91	IS 7425:1974	Specification for Dental Casting Investment for Gold Alloys	Feb 2013
92	IS 7467:1974	Specification for Bands, Matrix, Dental, No. 1 and 2	Feb 2013

\* **INDICATES STANDARDS UNDER REVISION**  
/ **INDICATES DUAL NUMBER STANDARDS**

\*\* **INDICATES STANDARDS TO BE REVISED**  
/ **INDICATES EQUIVALENT STANDARDS**

93	IS 7474:1986	Specification for Pliers, Collar, Dental (first revision)	Mar 2012	
94	IS 7476:1974	Specification for Nippers, Cutting, Dental	Feb 2013	
95	IS 7627:1975	Specification for Gag, Mouth, Mason's Pattern	Jan 2013	1
96	IS 7676:1975	Specification for Chisel, Osseous, Dental	Feb 2013	
97	IS 7677:1986	Specification for Exolevers, Apical, Dental (first revision)	Mar 2012	
98	IS 7780:1975	Specification for Pliers, Ligature Forming, Dental	Feb 2013	
99	IS 7781:1975	Specification for Pliers, Angle Ribbon Arch with Groove, Dental	Feb 2013	
100	IS 7833:1975	Specification for Knives, Gingivectomy, Dental	Mar 2012	
101	IS 7853:1975	Specification for Surveyor, Cast, Dental	Mar 2012	
102	IS 7966:1976	Specification for Dental Modelling Wax	Mar 2012	
103	IS 8019:1976	Specification for Dental Artificial Stone	Mar 2012	1
104	IS 8020:1976	Specification for Baseplate, Dental	Mar 2012	
105	IS 8021:1975	Specification for Dental Sticky Wax	Feb 2013	
106	IS 8022:1976	Specification for Acrylic Resin Teeth	Mar 2012	
107	IS 8044:1976	Forceps, extraction, dental, lower molar, children	Mar 2012	
108	IS 8045:1976	Specification for Forceps, Extraction, Dental, Lower Incisors and Canines, Children	Mar 2012	
109	IS 8046:1976	Specification for Forceps, Extraction, Dental, Upper Incisors and Canines, Children	Mar 2012	
110	IS 8047:1976	Specification for Forceps, Extraction, Dental, Upper Molar, Children	Mar 2012	
111	IS 8207:1976	Specification for Forceps, Rongeur, Dental	Mar 2012	
112	IS 8283:1976	Specification for Tweezers, Soldering	Mar 2012	
113	IS 8284:1976	Specification for Pusher, Band, Dental, Mershon's Pattern	Mar 2012	
114	IS 8287:1986	Specification for Pliers, Band Stretching and Contouring, Parrot Beak, Dental (first revision)	Mar 2012	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

115	IS 8346:2003 / ISO 7439:1997	Stool, operating, dental	Mar 2012
116	IS 8527:1977	Tweezers, extraction, dental	Feb 2013
117	IS 8528:1988	Pliers, anterior band forming, double beak, dental (first revision)	Jan 2011
118	IS 8529:1989	Dental instruments - Pliers, posterior band forming, double beak (first revision)	Jan 2011
119	IS 8571:1977	Dental porcelain	Mar 2012
120	IS 8815:1993 / ISO 3950-1984	Dentistry - Designation system for teeth and areas of the oral cavity (first revision)	Jan 2011
121	IS 8850:1978	Guide for the use of dental materials	Mar 2012
122	IS 8864:1978	Autopolymerizing (acrylic) resins for dental use	Mar 2012
123	IS 8948:1989	Dental instruments - Pliers, ligature, tying (first revision)	Jan 2011
124	IS 8949:1989	Dental instruments - Pliers, curved, Howe's pattern (first revision)	Jan 2011
125	IS 9003:1978	Acrylizer (curling unit)	Mar 2012
126	IS 9699:1981	Chisel, dental, large	Feb 2013
127	IS 9717:1980	Trays, impression, dental	Feb 2013
128	IS 9774:1981	Pliers, bracket opening, dental	Feb 2013
129	IS 9932:1981	Recommendations for lighting of dental operatories	Feb 2013
130	IS 9940:1981	Trimmers, electrically operated, for dental models	Jan 2011
131	IS 10011:1981   ISO 4049:1988	Resin-based dental filling materials	Feb 2013
132	IS 10012:1981	Dental zinc oxide/eugenol filling materials	Feb 2013
133	IS 10088:1981	Retractor, dental	Feb 2013
134	IS/ISO 2157-1992	Dental rotary instruments –Nominal diameter - and designation Code number (second revision)	Feb 2012

\* INDICATES STANDARDS UNDER REVISION  
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135	IS 10309:1982	Key, torquing, edgewise	Jan 2011
136	IS 10353:1982	Specification for Pliers, McKellops' Type, Dental	Jan 2011
137	IS 10354:1982	Torch, alcohol, dental	Jan 2011
138	IS 10663:2003	Dental Rotary Instruments - Steel and Carbide Burs	Mar 2012
139	IS 10664:2003	Dental Rotary Instruments - Steel and Carbide Finishing Burs	Mar 2012
140	IS 10798:1984 / ISO 4073-1980	Indentification system for items of dental equipment at the working place	Mar 2012
141	IS 10828:1984	Pliers, band contouring, dental, Johnson's pattern	Mar 2012
142	IS 10836(Part 1):1984	Pliers, loop bending, dental, Tweed's pattern Part 1 Fixed beak, Type 1	Mar 2012
143	IS 10866:1984	Abrasives, dental	Mar 2012
144	IS 11044:1984	Acrylic trimmers, dental	Mar 2012
145	IS 11045:1984	Metal trimmers, dental	Mar 2012
146	IS 11317:1985	Shears, laboratory, straight, dental	Mar 2012
147	IS 11394:1985	Pliers, distal end cutting, with safety hold, dental	Mar 2012
148	IS 11628:1986	Agar impression material	Mar 2012
149	IS 11929:1986	Adopters, band, dental	Mar 2012
150	IS 12181:1987   ISO 7491:1985	Determination of colour stability of dental polymeric materials	Feb 2013
151	IS 12374:1987 / ISO 3964-1982	Dimensions for swivel type coupling to dental handpieces	Feb 2013
152	IS 12507:1988	General requirements for Dental Pliers	Jan 2011
153	IS 12601:1989	Dental instruments - Pliers, lip-safe, flat nose	Jan 2011
154	IS 12602:1989	Dental Instruments - Nippers, cutting, carbide tip	Jan 2011
155	IS 12624:1989	Dental materials - Root canal obturating points	Jul 2010

\* INDICATES STANDARDS UNDER REVISION  
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\*\* INDICATES STANDARDS TO BE REVISED  
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156	IS 12721(Part 2):2005   ISO 6871-2: 1994	Dental Base Metal Casting Alloys - Part 2: Nickel-Based Alloys	Jul 2010
157	IS 12721(Part 1):2005   ISO 6871-1: 1994	Dental Base Metal Casting Alloys - Part 1: Cobalt-Based Alloys	Jun 2010
158	IS 12797:1989	Dental materials - Dental glass polyalkenoate cements	Jan 2011
159	IS 12855:1989   ISO 6876:1986	Dental materials - Root canal sealing materials	Jan 2011
160	IS 13701:1993 / ISO 8325-1985	Dentistry - Dental Rotary Instruments - Test methods	Jan 2011
161	IS 13710:1993	Dental materials - Dental zinc polycarboxylate cements - Specification	Jan 2011
162	IS 15311(Part 1):2003 / ISO 1797-1 : 1992	Dental Rotary Instruments - Shanks - Part 1 : Shanks Made of Metals	Mar 2009
163	IS 15311(Part 2):2003 / ISO 1797-2 : 1992	Dental Rotary Instruments - Shanks - Part 2 : Shanks Made of Plastics	Mar 2009
164	IS/ISO 9168:1991	Dental handpieces -- Hose connectors	Sep 2013
165	IS/ISO 9917-1:2003	Dentistry -- Water-based cements -- Part 1: Powder/liquid acid-base cements	Jun 2013
166	IS / ISO 9917-2:1998	Dental water-based cements -- Part 2: Light-activated cements	Jul 2013
167	IS/ ISO1563:1990	Dental alginate impression material	Feb 2012
168	IS/ ISO 6873:1998	Dental gypsum products	Jan 2012
169	IS/ISO 2157:1992	Dental rotary instruments -- Nominal diameters and designation code number	Feb 2012
170	IS/ISO 6876:2001	Dental Root Canal ceiling material	Feb 2012
171	IS/ISO 24234:2004	Dentistry-Mercury an alloy for dental amalgam	Mar 2012

\* INDICATES STANDARDS UNDER REVISION  
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## Draft Completed wide circulation

1	Doc.MHD 8 (0244) /ISO 9917-1:2007	Dentistry -- Water-based cements -- Part 1: Powder/liquid acid-base cements
2	Doc.MHD 8 (0245) /ISO 9917-2:2010	Dentistry -- Water-based cements -- Part 2: Resin-modified cements
3	Doc.MHD 8 (246) /ISO 1942:2009	Dentistry – Vocabulary
4	Doc. MHD 8(0247) /ISO 6360-1:2004	Dentistry -- Number coding system for rotary instruments -- Part 1: General characteristics
5	Doc. MHD8 (0248) /ISO 6360-2:2004	Dentistry -- Number coding system for rotary instruments -- Part 2: Shapes
6	Doc. MHD 8 (0249) /ISO 6875:2011	Dentistry -- Patient chair

### ASPECT WISE REPORT

PRODUCT	147
METHODS OF TEST	3
CODES OF PRACTICES	8
TERMINOLOGY, DIMENSIONS & SYMBOLS	10
OTHERS	3

**TOTAL : 171**

*INDICATES STANDARDS UNDER REVISION*  
*/ INDICATES DUAL NUMBER STANDARDS*

*\*\* INDICATES STANDARDS TO BE REVISED*  
*/ INDICATES EQUIVALENT STANDARDS*



**MHD 9 ARTIFICIAL LIMBS, REHABILITATION APPLIANCES AND EQUIPMENT FOR THE DISABLED SECTIONAL COMMITTEE**

- SCOPE**
- a) To formulate Indian Standards for artificial limbs, prosthetic and orthotic appliances and rehabilitation equipment
  - b) To coordinate with the work of
    - i) ISO/TC 173 `Assistive products for persons with disability (O Member)
    - a) ISO/TC 173 SC 1 Wheelchair (O Member)
    - b) ISO/TC 173 SC2 Classification and Terminology (O Member)
    - c) ISO/TC 173 SC 3 Aids for Ostomy and incontinence (O Member)
    - ii) ISO/TC 168 `Prosthetics and Orthotics' (P Member)

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
<b>STANDARDS PUBLISHED</b>				
1	IS 4534:1980	Specification for Adapter for Terminal Devices, Artificial Limbs (first revision)	Jan 2012	
2	IS 4535:1968	Specification for Saw-grip Terminal Device for Artificial Limbs	Nov 2012	
3	IS 4554:1968	Specification for Terminal Devices, Ball Pein and Claw, for Artificial Limbs	Jan 2011	
4	IS 4555:1980	Specification for Biprong Terminal Device, Draughtsman, for Artificial Limbs	Jan 2012	
5	IS 4556:1968	Specification for Typing Finger Terminal Device for Artificial Limbs	Jan 2012	
6	IS 4567:1968	Specification for Pliers Terminal Device, Quick-grip, for Artificial Limbs	Jan 2011	
7	IS 4577:1980	Specification for Spade-grip Terminal Device for Artificial Limbs	Jan 2012	
8	IS 4609:1980	Specification for Pencil-holding Device for Artificial Limbs	Jan 2012	
9	IS 4675:1968	Specification for Light Split-hook Device for Artificial Limbs	Jan 2011	
10	IS 4677:1968	Specification for Steering Appliance for Artificial Limbs	Jan 2011	
11	IS 5015:1969	Specification for Knife-terminal Device Artificial Limbs	Jan 2012	
12	IS 5143:1988	Specification for Adjustable Axillary Crutches	Nov 2013	3
13	IS 5144:1980	Specification for Metal Forearm Crutches (Canadian Pattern)	Jan 2012	3
14	IS 5145:1969	Specification for Walking Sticks	Jan 2012	
15	IS 5150:1969	Specification for Rubber Tips for Crutches and Walking Sticks	Jan 2012	

\* INDICATES STANDARDS UNDER REVISION  
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\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

16	IS 5586:1979	Specification for Metal Component for Sectional Forearm	Jan 2012	
17	IS 5594:1983	Specification for Wrist Unit, Rotary, for Hand Prostheses	Jan 2012	1
18	IS 5603:1983	Mechanical elbow joint (first revision)	Jan 2012	1
19	IS 5607:1970	Semi-automatic elbow joint	Nov 2012	
20	IS 5665:1982	Specification for Shoulder Wheel (first revision)	Nov 2012	
21	IS 5745:1986	Specification for Heel Socket and Plate for Orthosis (first revision)	Jan 2012	
22	IS 5796:1970	Specification for Disc Type Weight Set for Physio-Therapy Exercisers Other than Pulley Arrangements	Jan 2012	1
23	IS 5809:1986	Specification for Ankle Joint for Orthosis	Jan 2012	
24	IS 5810:1986	Specification for Knee Joint with Lock for Orthosis(first revision)	Jan 2012	
25	IS 5827:1982	Specification for Paraffin Wax Bath	Nov 2013	
26	IS 5956:1986	Specification for Hip Joint with Lock for Orthosis	Jan 2012	
27	IS 5963:1971	Specification for Knee Joint without Lock for Steel Orthopaedic Calipers	Nov 2012	
28	IS 5964:1971	Specification for Round Spur for Orthopaedic Calipers	Nov 2012	
29	IS 6069:1971	Specification for Sliding Seat Exerciser	Nov 2012	
30	IS 6099:1990	Rehabilitation equipment - Invalid walkers with crutches - Specification	Jan 2011	
31	IS 6205:1982	Stationary cycle exerciser for adults (first revision)	Nov 2013	
32	IS 6221:1971	Pelvic band for steel orthopaedic calipers and braces	Nov 2012	2
33	IS 6222:1971	Thigh band for orthopaedic calipers and braces	Nov 2012	1
34	IS 6223:1971	Calf band for orthopaedic calipers and braces	Nov 2012	2
35	IS 6224:1980	Tuber band for orthopaedic calipers and braces (first revision)	Nov 2012	2
36	IS 6275:1971	Lower extremity full length brace with locks	Nov 2012	
37	IS 6302:1971	Whirlpool bath	Jan 2012	1
38	IS 6414:1972	Parallel walking bars, adult and child sizes for the handicapped	Jan 2012	
39	IS 6571:1991	Rehabilitation equipment - Wheelchairs, non-folding, adult size, institutional model - Specification (first revision)	Jan 2012	2

\* INDICATES STANDARDS UNDER REVISION  
/INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

40	IS 6624:1972	Basic hand splint, palmar arch support	Jan 2012	1
41	IS 6625:1972	Basic hand splint, component	Jan 2012	
42	IS 6626:1972	Basic hand splint, forearm piece	Jan 2012	
43	IS 6781:1972	Staple ankle joint	Jan 2012	
44	IS 6802:1986	Prosthetic hip joint (first revision)	Jan 2012	
45	IS 6809:1990	Rehabilitation equipment - Fixed-height walking frame - Specification (first revision)	Jan 2011	
46	IS 6810:1990	Rehabilitation equipment - Metal tripod and tetrapod sticks - Specification (first revision)	Jan 2011	
47	IS 6812:2003	Knee Joint, Uniaxial for Below Knee Prosthesis - Specification (Second Revision)	Nov 2013	
48	IS 6979:1973	Cerebral palsy chair, tubular, institutional model	Jan 2012	1
49	IS 6992:1982	Cerebral palsy chair, domestic model (first revision)	Nov 2013	
50	IS 6993:1973	Through knee joint	Jan 2011	1
51	IS 6995:1973	Cruciform below-knee joint	Nov 2013	
52	IS 7373:2003	Hip disarticulation joint unit for lower limb prosthetic fitments (second revision)	May 2013	
53	IS 7419:1983	Stairs for physical rehabilitation (first revision)	Jan 2011	
54	IS 7454:1991	Rehabilitation equipment - Wheelchairs, folding, adult size - Specification ( first revision)	Jan 2012	3
55	IS 7924:1976	Thigh blocks, wooden	Nov 2012	2
56	IS 8086:1991	Rehabilitation equipment - Wheelchairs, folding, junior size - Specification (first revision)	Jan 2012	2
57	IS 8088:1976	Tricycle, hand propelled	Nov 2013	1
58	IS 8492:1985	Ankle blocks, wooden (first revision)	Nov 2012	2
59	IS 8511:1985	Valves for suction sockets for artificial limbs (first revision)	Jan 2011	
60	IS 8798:1978	Wheel, multipurpose	Nov 2012	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

61	IS 9471(Part 1):1980	Modular lower limb orthotic components: Part 1 Stirrups	Nov 2012	1
62	IS 9471(Part 2):1980	Modular lower limb orthotic components: Part 2 Stirrups, split	Nov 2012	1
63	IS 9471(Part 3):1980	Modular lower limb orthotic components: Part 3 Stirrup plates	Nov 2012	
64	IS 9471(Part 4):1980	Modular lower limb orthotic components: Part 4 Joint unit, ankle	Nov 2012	
65	IS 9471(Part 5):1980	Modular lower limb orthotic components: Part 5 Joint unit, knee	Nov 2012	
66	IS 9471(Part 6):2000	Modular Lower Limb Orthotic Components - Part 6 : Orthotic Hip Joint (Joint Unit, Hip Drop Lock) - Specification	Nov 2012	
67	IS 9471(Part 7):2000	Modular Lower Limb Orthotic Components - Specification - Part 7 : Orthotic Joint Bars, Ankle and Knee (Upper and Lower)	Jan 2011	
68	IS 9797:1981	Cycle, fret-saw	Nov 2012	
69	IS 10110:1982	Table spoon terminal device for artificial limbs	Nov 2013	2
70	IS 10111:1982	Table fork terminal device for artificial limbs	Nov 2013	2
71	IS 10537:1983	Ankle bolt for each foot	Jan 2012	1
72	IS 10538:1983	Kitchen knife terminal device for artificial limbs	Jan 2012	2
73	IS 10539:1983	Sickle terminal device for artificial limbs	Jan 2012	1
74	IS 10926:1984	Tweezer terminal device for artificial limbs	Jan 2012	
75	IS 10928:1984	Specification for Table, Tilting, Manual	Jan 2012	
76	IS 10929:1984	Hook voluntary opening terminal device for artificial limbs	Jan 2012	
77	IS 10976:1993 / ISO 6440-1985	Wheelchairs - Nomenclature, terms and definitions (first revision)	Nov 2013	
78	IS 11242:1985	Lumbo sacral flexion-extension and lateral-flexion control brace	Jan 2011	
79	IS 11243:1985	Thoraco-lumbo-sacral, flexion-extension and lateral-flexion control brace	Jan 2011	
80	IS 11279:1985	Braille slate	Jan 2011	
81	IS 11316:1985	Cosmetic hand artificial limb (Supersedes IS 5587:1970)	Jan 2011	
82	IS 11646(Part 1):2003	Cane for Visually Handicapped - Specification - Part 1 : Rigid, Long and White (first revision)	Nov 2013	
83	IS 11646(Part 2):1986	Cane for visually handicapped: Part 2 Folding type	Jan 2012	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

84	IS 11647:1986	Braille paper	Jan 2012	
85	IS 11708:1986	Hand, Mechanical	Jan 2012	2
86	IS 12104:1987	Abacus for visually handicapped	Jan 2012	
87	IS 12152:1987	Pocket frame, braille writing	Nov 2012	
88	IS 12184:1987	Stylus for braille writing	Jan 2012	1
89	IS 12439:1988	Signature guide for visually handicapped	Nov 2013	1
90	IS 12664(Part 1):2003	Artificial limbs - Sach foot for lower extremity prostheses: Part 1 Design and dimensions	Aug 2009	
91	IS 12683(Part 1):1989	Measuring devices for visually impaired persons: Part 1 Scale, general purpose	Aug 2009	
92	IS 12683(Part 2):1989	Measuring devices for visually impaired persons: Part 2 Tape	Aug 2009	
93	IS 12683(Part 3):2000	Measuring Devices for Visually Impaired Persons - Specification - Part 3 : Goniometer	Aug 2009	
94	IS 13017:1990	Walker rollator	Jan 2012	
95	IS 13822:1993	Braille duplicating sheet - Specification	Nov 2013	
96	IS 13837:1993	Braille duplicating machine - Specification	Nov 2013	
97	IS 13889:1993 / ISO 7930-1986	Wheelchairs - Type classification based on appearance characteristics	Nov 2013	
98	IS 13970(Part 1):1995   ISO 8549-1:1989	Prosthetics and Orthotics - Vocabulary: Part 1 General terms for external limb prostheses and external orthoses	Jan 2011	
99	IS 13970(Part 2):1994   ISO 8549-2:1989	Prosthetics and Orthotics - Vocabulary: Part 2 Terms relating to external limb prostheses and wearers of these prostheses	Aug 2009	
100	IS 13970(Part 3):1994   ISO 8549-3:1989	Prosthetics and Orthotics - Vocabulary: Part 3 Terms relating to external orthoses	Aug 2009	
101	IS 14429:1997	Braille shorthand machine, - Specification	Jan 2012	
102	IS 14723:1999	Artificial Limbs - Knee Shin Assembly - Specification	Jan 2011	
103	IS 14879:2000	Anterior Spinal Hyperextension (ASH) Brace - Specification	Jan 2011	
104	IS 15376(Part 1):2003 / ISO 8670-1:1988	Ostomy Collection Bags - Part 1 : Vocabulary	Nov 2013	
105	IS 15376(Part 2):2003 / ISO 8670-2:1996	Ostomy collection bags: Part 2 Requirements and test method	Nov 2013	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

## DRAFT APPROVED FOR WIDE CIRCULATION

- |    |   |  |
|----|---|--|
| 1  | Doc. No. MHD 09(0351)                       | Specification for Jaipur Rubber foot                                   |
| 2. | Doc. No. MHD 09 (0352)                      | Specification for Boots Ankle surgical Broad Toe (Child & Adult Size). |
| 3. | Doc. No. MHD 09 (0353)<br>/ISO 7176-26:2007 | Wheelchairs -- Part 26: Vocabulary                                     |

### NEW ITEM IDENTIFIED

1. Hand Propelled Tricycles for juniors size
2. Special case patients (like horse – shoe shaped cushion, back rest zip open style, etc for wheelchair).
3. centrally propelled, Tricycle
4. Battery Operated Tricycle
5. Multi-utility Tricycle
6. Single Hand Propelled (Right/Left) Tricycle(Junior Size)

### ASPECT WISE REPORT

PRODUCT	98
METHODS OF TEST	1
TERMINOLOGY, DIMENSIONS & SYMBOLS	5
OTHERS	1
<b>TOTAL :</b>	<b>105</b>

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

## MHD 10 MEDICAL LABORATORY INSTRUMENTS SECTIONAL COMMITTEE

**SCOPE** To formulate Indian Standards for medical Instruments used in all laboratories including pathological and clinical laboratories such as glass tubes for pathological and microbiological work,

To co-ordinate with ISO/TC 76 for working group related to Glass Equipment WG 2(O Member)

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
<b>STANDARDS PUBLISHED</b>				
1	IS 1108:1975	Specification for Pharmaceutical Glass Containers (second revision)	Mar 2012	
2	IS/ISO 8362-1:2003	Injection Containers for Injectables and Accessories - Part 1 : Injection Vials Made of Glass Tubing (Third revision)	Apr 2009	
3	IS 1984(Part 2):2003 / ISO 8362-4:1989	Injection Containers for Injectables and Accessories - Part 2 : Injection Vials Made of Moulded Glass (Second revision)	Aug 2013	
4	IS 3055(Part 1):1994	Clinical thermometers Part 1 : solid stem type - Specification (second revision)	Feb 2011	4
5	IS 3055(Part 2):2004	Clinical Thermometers - Part 2 : Enclosed Scale Type - Specification (Third Revision )	Nov 2009	
6	IS 3423:1973	Specification for Glass Containers for Transfusion Fluids (First Revision)	Jan 2013	
7	IS 3740:1966	Specification for Tubes, Glass, for Pathological Work	Mar 2012	
8	IS 3741(Part 1):1990	Medical Instruments - Sedimentation Tubes - Specification - Part 1 : Westergren Tube (second revision)	Feb 2011	
9	IS 3741(Part 2):1990	Medical Glass Instruments - Sedimentation Tubes - Specification - Part 2 : Wintrobe Tube (second revision)	Feb 2011	
10	IS 3742:1990	Medical Glass Instruments - Pipettes, dilution for haemocytometers (second revision)	Feb 2011	
11	IS 4067:1967	Specification for Tube, Swab (West Type), for Throat	Mar 2012	
12	IS 4069:1967	Specification for Urinometer	Mar 2012	
13	IS 4087:1980	Specification for Pipette for Haemoglobinometers and Blood Pipette for Biochemical Work (first revision)	Mar 2012	
14	IS 4363:1980	Specification for drip counter E. M. S. Pattern (first revision)	Mar 2012	
15	IS 4364:1967	Specification for Pipettes, Serological	Mar 2012	
16	IS 4381:1967	Specification for Pathological Microscope	Mar 2012	2
17	IS 4444:1967	Specification for Bottles, Bacteriological	Mar 2012	1

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

18	IS 4529:1968	Specification for Glass Tubes for Medical Thermometers	Jan 2013
19	IS 4708:1968	Specification for Urine Glass, Conical	Mar 2012
20	IS 4754:1968	Specification for Staining troughs and jar	Mar 2012
21	IS 5155:1969	Pipettes, Ostwald - Folin type	Mar 2012
22	IS 6606:1972	Albuminometer (Esbach's) with stopper, stand and case	Mar 2012
23	IS 6942:1973	Flask, roux, bacteriological, with or without offset neck (1000 ml nominal capacity)	Mar 2012
24	IS 6943:1990	Cover, glass used with haemocytometer (first revision)	Feb 2012
25	IS 6944:1973	Bottle, Bijou, bacteriological	Mar 2012
26	IS 7039:1973	Tube, culture, screw cap	Mar 2012
27	IS 7183:1973	Flask, culture, Haffkine	Mar 2012
28	IS 8501:1977	Anaerobic jar	Mar 2012
29	IS 9430:1980	Tube, haemometer	Mar 2012
30	IS 9824(Part 1):1996   ISO 1135-1:1987	Transfusion equipment for medical use Part 1: Glass transfusion bottle, closures and caps (first revision)	Feb 2013
31	IS 10269:1982	Haemocytometer, counting chamber, clinical and diagnostic apparatus	Mar 2013
32	IS 10615:1983	Needle holder, Bozemann's pattern	Mar 2012
33	IS 10867:1984 / ISO 4822-1981	Single use blood specimen containers upto 25 ml capacity	Mar 2012
34	IS 10916:1984	Evacuated tubes for blood specimen collection (Vacutainers)	Mar 2012
35	IS 11383:1985	Thin walled glass capillary pipettes	Mar 2012
36	IS 12622:1989	Medical thermometers for hypothermia, subnormal range	Feb 2011
37	IS 14193:1994	Ovulation thermometers	Feb 2011
38	IS 14284:1995 / ISO 7712:1983	Laboratory glassware pipette pastuer, disposable - Specification	Feb 2011

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS



39	IS 15110:2002	Veterinary Thermometers, Mercury-in-Glass Type – Specification	Mar 2012
40	IS 15113:2002	Clinical Electrical Thermometers with Maximum Device - Specification	Mar 2012
41	IS 15537:2004 / ISO 9187-1: 2000	Injection Equipment for Medical Use - Ampoules for Injectables	
42	IS 16004:2013 /ISO 6009:2013	Hypodermic Needles for single use colour coding for identification	Feb 2013

**ASPECT WISE REPORT**

PRODUCT	40
OTHERS	1
CODE OF PRACTICE	1
<b>TOTAL :</b>	<b>42</b>

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

**MHD 11 ANAESTHETIC, RESUSCITATION AND ALLIED EQUIPMENT SECTIONAL COMMITTEE**

**SCOPE** To formulate Indian Standards for instruments and equipment used for anaesthetizing and ventilating a patient, including diagnostic instruments such as sphygmomanometers, suction apparatus and anaesthetic face mask.

To coordinate with the work of

i) ISO/TC 121 Anaesthetic and respiratory equipment "(P-Member)

a)ISO/TC 121/SC 6 Medical gas systems" (P-member)

b)ISO/TC 121/SC 8 Suction devices for hospital and emergency care use" (O-member),

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
<b>STANDARDS PUBLISHED</b>				
1	IS 3390:1988	Sphygmomanometers, mercurial (second revision)	Mar 2013	1
2	IS 3391:1965	Specification for Stethoscopes	Jan 2013	
3	IS 3392:1965	Anaesthetic airways	Mar 2013	
4	IS 3393:1965	Mouth props and airways (London Hospital pattern)	Mar 2013	
5	IS 3949:1971	Dimensions and screw thread for lamp used in laryngoscope	Mar 2013	
6	*IS 4113(Part 1):2003 / ISO 7376-1:1994	Laryngoscopes - Part 1: Conventional Hook-on Type Handle- Blade Fittings (Second Revision)	Jan 2014	
7	*IS 4113(Part 2):2003 / ISO 7376-2:1997	Laryngoscopic Fittings - Part 2: Miniature Electric Lamps - Screw Threads and Sockets for Conventional Blades(Second Revision)	Jan 2014	
8	IS 4154:1967	Specification for Endotracheal Connections	Mar 2013	
9	IS 4533:1995	Suction apparatus - Specification (second revision)	Feb 2011	
10	IS 5622:1970	Specification for Soda-Lime Canisters for Use with Gas Anaesthetic Apparatus (Waters' to-and-Fro)	Feb 2011	
11	IS 6190:1971	Specification for Anaesthetic Face Masks	Jan 2014	
12	IS 6194:1971	Specification for Intermittent Positive Pressure Respirator, Bag Type, Manually Operated	Feb 2011	
13	IS 6207:1971	Specification for Trolleys for Oxygen Cylinders	Mar 2013	
14	IS 6581:1972	Specification for Endotracheal Tubes (Rubber)	Mar 2013	1
15	IS 6807:1972	Specification for Reinforced (Flexo-metallic) Magill's Endotracheal Tube	Mar 2013	
16	IS 7176:1985	Specification for Anaesthetic Apparatus, Drawover Portable Type [first revision]	Dec 2011	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

17	IS 7409(Part 2):1994 / ISO 5356-2:1987	Anaesthetic and respiratory equipment - Conical connectors Part 2: Screw threaded weight bearing connectors (Second Revision)	Feb 2011	
18	IS 7625:1975	Specification for Gag, Mouth, Doyen's Pattern	Mar 2013	1
19	IS 7652:1988	Specification for Sphygmomanometer, Aneroid Type (first revision)	Feb 2011	
20	IS 7885:1985	Specification for Spray, Macintosh's Pattern [first revision]	Mar 2013	
21	IS 8254(Part 1):1976	Specification for Valve, Non-Rebreathing - Part I : Ruben's Pattern	Mar 2013	
22	IS 8254(Part 2):1976	Specification for Valve, Non-rebreathing - Part II : Ambu-hesse's Pattern	Mar 2013	
23	IS 8312:1977	Specification for Forceps, Introducing, Endotracheal Tube, Magill's Pattern	Jan 2014	
24	IS 8382:1977	Specification for Pressure Regulators, Pre-set Used with Medical Gas Cylinders	Dec 2011	
25	IS 8432:1977	Specification for Tubes, Tracheotomy (rubber or plastics)	Jan 2014	
26	IS 9462:1980	Specification for Humidifier, Nebulizing, Ventury Type	Mar 2013	
27	IS 11378:2002 / ISO 5358:1992	Anaesthetic Machines for Use with Humans (First Revision)	Mar 2012	
28	* IS 11807:1994 / ISO 5364:1986	Oropharyngeal Airways - Specification (first revision)	Feb 2011	
29	IS 12417:1988	Specification for Suction Apparatus, Pedal Operated	Jan 2014	
30	*IS 13200:1993 / ISO 4135:1979	Anaesthesiology - Vocabulary	Feb 2011	1
31	IS/ISO 7396- 2:2007	Medical gas pipeline systems- Part 2: Anaesthetic gas scavenging disposal systems	Jun 2009	
32	IS /ISO 7396 -1:2007	Medical gas pipeline systems Part 1: Pipelines systems for compressed medical gases and vacuum	Jun 2009	
33	*IS /ISO 15001:2003	Anaesthetic and respiratory equipment - Compatibility with oxygen	Sep 2009	
34	IS/ISO 5362:2006	Anaesthetic Reservoir Bags (Superseding IS 11364:1994)	Mar 2012	
35	IS/ISO 5366-1:2000	Anaesthetic and Respiratory Equipment - Tracheostomy tubes – Part 1 Tubes and Connectors for use in adults (Superseding IS 12505(Part 1 & 2:1988)	Feb 2012	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

36	IS/ISO 9170-1:2008	Terminal units for medical gas pipeline systems Part 1: Terminal units for use with compressed medical gases and vacuum	Aug 2011
37	IS/ISO 9170-2:2008	Terminal units for medical gas pipeline systems Part 2: Terminal units for anaesthetic gas scavenging systems	Mar 2012
38	IS/ISO 5367:2000	Breathing tubes intended for use with Anaesthetic Apparatus and ventilators.(Superseding IS 11363:1985)	Marc 2012
39	IS/ISO: 5356-1:2004	Anaesthetic & Respiratory Equipment -Conical Connectors Part 1 Cones & Sockets (Superseding IS 7409(Part 1):2003)	Mar 2012
40	*IS/ISO 5361:1999	Anaesthetic & Respiratory Equipment -Tracheal Tubes& Connectors(Superseding IS 12504(Part 1&2):1988 & IS 11808:1986)	Mar 2012
41	IS/ISO 10079-2:1999	Medical Suction Equipment -Part 2Manually powered suction equipment	Mar 2013
42	IS/ISO 10079-3:1999	Medical Suction Equipment -Part 3 Suction equipment powered from a vacuum or pressure source	Apr 2013
43	IS/ISO 10524-1:2005	Pressure Regulators for use with medical gases-Part 1 Pressure regulators and Pressure regulators with flow metering Devices	Mar 2013
44	IS/ISO 10524-2:2006	Pressure regulators for use with medical gases-Part 2: Manifold and Line pressure regulators	Mar 2013
45	IS/ISO 15002:2008	Flow metering devices for connection to terminal units of medical gas pipelines system	Mar 2013
46.	IS/ISO 10524-3:2005	Pressure Regulators for use with medical gases-Part 3 Pressure regulators integrated with cylinder valves	Dec 2013
47.	IS/ISO 10524-4:2008	Pressure Regulators for use with medical gases-Part 4 Low Pressure regulators	Dec 2013

#### FINALISED DRAFTS UNDER PRINT

- |    |  |  |
|----|--|--|
| 1. | DOC.MHD 11(123)<br>/ ISO: 5364:2008    | Anaesthetic and Respiratory equipment - Oropharyngeal airways<br>(Second Revision of IS 11807:1994)  |
| 2. | DOC MHD 11 (O234)<br>/ISO 7376:2009    | Anaesthetic and respiratory equipment – Laryngoscopes for Tracheal intubation (Third revision of IS 4113 (Part 1):2003/ISO 7376-1:1994) & IS 4113 (Part 2):2003/ISO 7376-2:1997) |
| 3. | DOC MHD 11 (O235)<br>/ ISO 5356-2:2006 | Anaesthetic and respiratory equipment-Conical connectors-Part 2: Screw threaded weight-bearing (Third revision of IS 7409 (Part 2):1994/ISO 5356-2:1987)                         |

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

## FINALIZED DRAFT STANDARDS UNDER PRINT

4. Doc: MHD 11(0236) /ISO 4135:2001 Anaesthetic and respiratory equipment-Vocabulary(First revision of IS 13200 :1993/ISO 4135:1997)
5. DOC MHD 11( 299) /ISO 11712:2009 Anaesthetic & Respiratory equipment supralaryngeal airways & connectors
6. DOC MHD 11(300) /ISO 14408:2005 Tracheal tubes designed for laser surgery requirements for marking and accompanying information

## DRAFTS AMENDMENTS FINALIZED FOR PRITING

1. Doc. No. MHD 11(0342) Draft Amendment No. 1 to IS/ISO 7396(Part – 1):2007 medical gas pipeline systems Part 1 Pipeline systems for compressed medical gases and vacuum
2. Doc. No. MHD 11(0343) Draft Amendment No. 2 to IS/ISO 7396(Part – 1):2007 medical gas pipeline systems Part 1 Pipeline systems for compressed medical gases and vacuum
3. Doc. No. MHD 11(0344) Draft Amendment No. 3 to IS/ISO 7396(Part – 1):2007 medical gas pipeline systems Part 1 Pipeline systems for compressed medical gases and vacuum

## DRAFT APPROVED FOR WIDE CIRCULATION

1. Doc: No. MHD 11(0349) /ISO 15001: 2010 Anaesthetic and respiratory equipment – Compatibility with Oxygen (*first revision* of IS/ISO 15001: 2003)
2. Doc: No. MHD 11(0350) /IS/ISO 5361: 1999 Anaesthetic and respiratory equipment – Tracheal tubes & Connectors (*first revision* of IS/ISO 5361: 1999)
3. Doc. No. MHD 11 (0345) Draft amendment no. 1 to IS 6190:1971 Specification for anaesthetic face masks
4. Doc. No. MHD 11 (0346) Draft amendment no. 1 to IS 8312:1977 specification for forceps, introducing, Endotracheal tube, magill's pattern
5. Doc. No. MHD 11(0347) Draft Amendment to IS 8432:1977 Specification for tubes, tracheotomy (rubber or plastics)
6. Doc. No. MHD 11(0348) Draft Amendment to IS 12417:1988 Specification for suction apparatus, pedal operated

### ASPECT WISE REPORT

PRODUCT	43
TERMINOLOGY, DIMENSIONS & SYMBOLS	1
OTHERS	3

**TOTAL : 47**

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

## MHD 12 HOSPITAL EQUIPMENT SECTIONAL COMMITTEE

**SCOPE** To formulate Indian Standards for Hospital equipment used in OPD wards and operation theaters Such as Sterilizers, Incubators, hospital furniture operation tables etc.

To co-ordinate with the work of: ISO/TC 198 – Sterilization of health care products (O Member)

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
<b>STANDARDS PUBLISHED</b>				
1	IS 3118:1978	Electric bacteriological incubators (first revision)	Dec 2011	1
2	IS 3119:1978	Hot air sterilizers (first revision)	Dec 2011	
3	IS 3120:1999	Baby incubators (second revision)	Mar 2014	
4	IS 3829(Part 1):1999	Steam sterilizers Part 1 Horizontal cylindrical and horizontal rectangular sterilizers, pressure type (for hospital and pharmaceutical use (second revision)	Mar 2014	
5	IS 3829(Part 2):1978	Steam sterilizers Part 2 Horizontal cylindrical, high speed steam sterilizers, pressure type (first revision) (redesignation of IS 4510-1978)	Dec 2011	4
6	IS 3829(Part 3):1985	Steam sterilizers Part 3 Pressure sterilizers, vertical cylindrical type	Dec 2011	2
7	IS 3830:1979	Water stills for pyrogen-free distilled water (second revision)	Dec 2011	3
8	IS 3831:1979	Sterilizers shallow (dressing drums) (second revision)	Dec 2011	4
9	IS 3992:1982	Trays, kidney (first revision)	Feb 2011	
10	IS 3993:1993	Trays, instruments - Specification (second revision)	Mar 2014	
11	IS 3994:1993	Bowls, wash - Specification (second revision)	Mar 2014	
12	IS 3997:1982	Jars, ointment	Feb 2011	1
13	IS 4033:1968	Furniture, hospital, general requirements	Dec 2011	1
14	IS 4034:1979	Castors for hospital equipment (first revision)	Dec 2011	
15	IS 4035:1967	Trolleys, stretcher	Dec 2011	1
16	IS 4036:1967	Trolleys, patient	Dec 2011	
17	IS 4037:1967	Stretchers and stretcher carriers	Dec 2011	1

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

18	IS 4266:1967	Lockers, bedside,for hospital use	Dec 2011	3
19	IS 4267:1967	Stands, wash hand basin	Dec 2011	
20	IS 4455:1967	Trolleys, soiled linen	Dec 2011	
21	IS 4458:1967	Screen, bedside	Dec 2011	
22	IS 4494:1968	Tables, overbed	Dec 2011	1
23	IS 4769:1968	Trolley, dressing	Dec 2011	1
24	IS 4787:1968	Table, examination	Dec 2011	1
25	IS 5022:1989	Sterilizers, instruments (table model)(third revision)	Aug 2009	2
26	IS 5029:1979	Bedsteads, hospital, general purposes (first revision)	Dec 2011	3
27	IS 5035:1969	Sterilizers, bowl and utensil (pedal type)	Dec 2011	
28	IS 5291:1969	Tables, operation, hydraulic, major	Dec 2011	2
29	IS 5336:1969	Back rest	Dec 2011	
30	IS 5337:1969	Cot, dropside, baby, hospital	Dec 2011	1
31	IS 5630:1994	Cribs (cradles), maternity (first revision)	Aug 2009	1
32	IS 5631:1970	Trolley, instruments, plain and curved	Dec 2011	1
33	IS 5880:1970	Stand, saline cum irrigator	Dec 2011	
34	IS 6083:1971	Table, obstetric, labour	Dec 2011	1
35	IS 6106:1971	Tables, operation, hydraulic, minor	Dec 2011	3
36	IS 6328:1971	Table, operation, general purposes (non-hydraulic)	Dec 2011	
37	IS 6593:1972	Electric serological water baths	Dec 2011	3
38	IS 6877:1977	Cabinet, instruments (first revision)	Dec 2011	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
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39	IS 6904:1973	Receptacle, waste	Dec 2011	
40	IS 6905:1973	Instruments table, Mayo's type	Dec 2011	1
41	IS 7036:1982	Table, postmortem (first revision)	Dec 2011	1
42	IS 7081:1973	Stool, revolving, for hospital use	Mar 2014	4
43	IS 7083:1975	Trolley, medicine	Dec 2011	2
44	IS 7091:1973	Lifter, bed, adjustable	Dec 2011	
45	IS 7099:1973	Trolley, dressing drum	Dec 2011	
46	IS 7378:1974	Bed, Fowler's, hospital	Dec 2011	2
47	IS 7455:1974	Sterilizer, pressure, hot and cold water	Dec 2011	
48	IS 7596:1974	Table, operation, orthopaedic, Albee's type	Dec 2011	
49	IS 8078:1976	Table, operation, paediatric	Dec 2011	
50	IS 8079:1976	Table, operation, urological	Dec 2011	
51	IS 8462:1977	Sterilizers, portable, vertical pressure type	Dec 2011	3
52	IS 9132:1979	Table, operation, folding type	Dec 2011	
53	IS 9133:1979	Trolley, for general medical store	Dec 2011	
54	IS 9395:1979	Bed, intensive care	Dec 2011	
55	IS 10150:1981	Guide for sterilization of medical products	Dec 2011	3
56	IS 10263:1982	Deep fat fryer, single and double pan, electrically operated, for large catering establishment	Dec 2011	
57	IS 10264:1982	Trolley, hot food, for hospital and industrial canteens	Dec 2011	
58	IS 10783:1983	Patient lifting devices, mobile, manually operated	Dec 2011	
59	IS 12173:1987	Cervical halter	Mar 2013	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS



60	IS 12430:1987	Safety code for installation, maintenance and servicing of sterilizers	Mar 2013	
61	IS 13115:1991	Portable first aid kit for general use - Specification	Dec 2011	1
62	IS 13836:1993	Potato peeling machine (electrically operated) - Specification	Mar 2014	
63	IS 13850:1993	Dish washing machine, heavy duty, ratchet type - Specification	Mar 2014	

**DRAFT UNDER WIDE CIRCULATION**

Sl. No.	Doc. No.	Title
1.	MHD 12(0331) /ISO 11135-1:2007	Sterilization of health care products —Ethylene oxide — Part 1: Requirements for development validation and routine control of a sterilization process for medical Devices.
2.	MHD 12(0332) /ISO/TS 11135-2:2008	Sterilization of health care products —Ethylene oxide — Part 2: Guidance on the application of ISO 11135-1
3.	MHD 12(0333) /ISO 11138-1:2006	Sterilization of health care products —Biological indicators — Part 1: General requirements
4.	MHD 12(0334) /ISO 11138-2:2006	Sterilization of health care products —Biological indicators — Part 2: Biological indicators or ethylene oxide sterilization processes
5.	MHD 12(0335) /ISO 11138-3:2006	Sterilization of health care products —Biological indicators — Part 3: Biological indicators for moist heat sterilization processes.
6.	MHD 12(0336) /ISO 11138-4:2006	Sterilization of health care products —Biological indicators — Part 4: Biological indicators for dry heat sterilization processes
7.	MHD 12(0337) /ISO 11138-5:2006	Sterilization of health care products —Biological indicators — Part 5: Biological indicators for low-temperature steam and formaldehyde sterilization processes

**ASPECT WISE REPORT**

PRODUCT	61
CODE OF PRACTICE	2

**TOTAL : 63**

\* **INDICATES STANDARDS UNDER REVISION**  
/ **INDICATES DUAL NUMBER STANDARDS**

\*\* **INDICATES STANDARDS TO BE REVISED**  
/ **INDICATES EQUIVALENT STANDARDS**

**MHD 13 VETERINARY HOSPITAL PLANNING & SURGICAL INSTRUMENTS SECTIONAL COMMITTEE****SCOPE** To formulate Indian Standards for Instruments used in Veterinary Surgery.

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
<b>STANDARDS PUBLISHED</b>				
1	IS 10568:1983	Knife, teat, Mclean	Feb 2011	
2	IS 10937:1984	Nose ring and key, bull	Feb 2011	
3	IS 10938:1984	Searcher, double edged, with handle and sheath	Feb 2011	
4	IS 10940:1984	Castrator	Feb 2011	
5	IS 10953:1984	Catheter, uterine, single channel [Nelson type]	Feb 2011	
6	IS 10954:1984	Catheter, cow	Feb 2011	
7	IS 10955:1984	Gimlet for trephine	Feb 2011	
8	IS 10963:1984	Forceps, hoof testing	Feb 2011	
9	IS 10964:1984	Forceps bullet, veterinary	Feb 2011	
10	IS 12243:1988	Rasp, tooth, reversible	Feb 2011	
11	IS 12245:1988	Dilators teat (Nudson)	Feb 2011	
12	IS 12246:1988	Irons, pyropuncture; with copper needles	Mar 2011	
13	IS 12302:1988	Chisel, tooth guarded (large animal)	Mar 2011	
14	IS 12329:1988	Self- centring Bone holding forceps	Feb 2011	
15	IS 12344:1988	Reduction Forceps	Feb 2011	
16	IS 12670:1989	Veterinary pump, stomach	Feb 2011	
17	IS 14420:1996	Tracheal tubes for large animals used for veterinary anaesthesia - Specification	Mar 2013	

**DRAFT STANDARDS COMPLETED WIDE CIRCULATION**

1	DOC.MHD 13(77)	Specification for Stomach tubes (Equines)		
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\* **INDICATES STANDARDS UNDER REVISION**  
/ **INDICATES DUAL NUMBER STANDARDS**

\*\* **INDICATES STANDARDS TO BE REVISED**  
/ **INDICATES EQUIVALENT STANDARDS**

2	DOC.MHD 13(78)	Specification for Mare Urinary Catheter
3	DOC.MHD 13(80)	Specification for Blood Cannula
4	DOC.MHD 13(81)	Specification for Instrument used for horses
5	DOC.MHD 13(01)	Specification for artificial insemination gun for Bovine
6	DOC.MHD 13(02)	Specification for artificial Vagina for Bovine

**ASPECT WISE REPORT**  
PRODUCT

17

**TOTAL : 17**

*\* INDICATES STANDARDS UNDER REVISION*  
*/ INDICATES DUAL NUMBER STANDARDS*

*\*\* INDICATES STANDARDS TO BE REVISED*  
*/ INDICATES EQUIVALENT STANDARDS*

## MHD 14 HOSPITAL PLANNING SECTIONAL COMMITTEE

- SCOPE**
- a) To prepare codes, guides and standards (physical, staff and equipment planning), quality management systems and operational systems for health care services
  - b) To coordinate with the work of ISO/TC 210, "Quality management and Corresponding general aspects for medical devices"(P Member)

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
<b>STANDARDS PUBLISHED</b>				
1	IS 10905(Part 1):1984	Recommendations for basic requirements of general hospital buildings: Part 1 Administrative and hospital services department buildings	Sep 2013	
2	IS 10905(Part 2):1984	Recommendations for basic requirements of general hospital buildings: Part 2 Medical services department buildings	Sep 2013	
3	IS 10905(Part 3):1984	Recommendations for basic requirements of general hospital buildings: Part 3 Engineering services department buildings	Sep 2013	
4	IS 12377:1988	Classification and matrix for various categories of hospitals	Sep 2013	
5	IS 12433(Part 1):1988	Basic requirements for hospital planning:Part 1 upto 30 bedded hospitals	Sep 2013	2
6	IS 12433(Part 2):2001	Basic requirement for hospital planning: Part 2 Up to 100 bedded hospitals	Sep 2013	
7	IS 13808(Part 1):1993	Quality management for hospital services (Upto 30-bedded hospitals) - Guidelines : Part 1 Out-patient department (OPD) and Emergency Services	Sep 2013	1
8	IS 13808(Part 2):1993	Quality management for hospital services (Upto 30-bedded hospitals) - Guidelines : Part 2 Diagnostic and blood transfusion services	Sep 2013	1
9	IS 13808(Part 3):1995	Quality management for hospital services (upto 30 bedded hospitals) - Guidelines: Part 3 Wards, nursing services and operation theatre	Dec 2011	
10	IS 13808(Part 4):1996	Quality management for hospital services (for 30 bedded hospital) - Guidelines: Part 4 Hospital support services	Dec 2011	
11	IS 13808(Part 5):1996	Quality management for hospital services (for 30 bedded hospital) - Guidelines: Part 5 Hospital equipment management	Dec 2011	
12	IS/ISO 15189:2007	Medical Laboratory - Particular Requirements for Quality and Competence	Aug 2010	
13	IS 15195:2002	Performance Guidelines for Quality assurance in hospital services upto 30-bedded hospitals	Oct 2012	
14	IS 15461:2004	Performance Guidelines for Quality assurance in hospital services upto 100-bedded hospitals	Jul 2009	
15	IS 15551:2003	Quality Management systems - Guidelines for process improvements in health service organization	Dec 2009	
16	IS/ISO 13485: 2003	Medical Devices - Quality Management Systems - Requirements for Regulatory Purposes	Nov 2009	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

17	IS 15784:2007	Health care facilities-Particular requirements	Sep 2012
18	IS/ISO 15223:2000	Medical device - Symbols to be used with medical device labels, Labelling and information to be supplied Part-1 General requirements	Feb2010
19	IS 15902:2010	Guidelines for Nursing Homes	Nov 2010
20	IS 15903:2010	Guidelines for Maternities Nursing Homes	Nov 2010
21	IS 15904:2010	Guidelines for single Doctor clinic including Dental Clinic	Nov 2010

#### DRAFT STANDARDS UNDER PRINT

1.	DOC.MHD 14(126)	Draft Indian Standards on classification & Matrix for various categories of Hospitals (First Revision of IS 12377-1988)
2.	DOC NO MHD14 (309) /ISO 15189:2012	Medical laboratories- Requirements for quality and competence (Second revision)
3.	DOC NO MHD14 (310) /ISO 15223-1:2012	Medical device-symbols to be used with medical device labels, labelling and information to be supplied - Part 1: General requirements ( First revision))

#### DRAFT STANDARDS COMPLETED WIDE CIRCULATION

1	DOC. MHD 14 (0191)	Basic requirements for hospital Planning Part 1 : Upto 30 bedded Hospital ( First revision of IS 12433 (Part 1)
2	DOC. MHD 14 (0192)	Basic requirements for hospital Planning Part 2: Upto 100 bedded Hospital ( First revision of IS 12433 (Part 2)

#### NEW ITEMS

1. 250 bedded Hospital
2. Mobile Medical Unit
3. Life support ambulance

#### ASPECT WISE REPORT

CODES OF PRACTICES	19
TERMINOLOGY, DIMENSIONS & SYMBOLS	1
OTHERS	1

**TOTAL : 21**

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

## MHD 15 ELECTROMEDICAL EQUIPMENT SECTIONAL COMMITTEE

**SCOPE** To prepare Standards for electrical equipment concerning diagnostic, surgical, therapeutic and monitoring equipment for various specialties and

To coordinate with the work of

- i) IEC TC 62 Electrical Equipment In Medical Practice [O-Member]
- ii) IEC SC 62A Common Aspects Of Electrical Equipment Used In Medical Practice[ O Member]
- iii) IEC SC 62D: Electromedical Equipment [O-Member]

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
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### STANDARDS PUBLISHED

1	IS 7583:1991   IEC 60601-2-2(1991)	High frequency surgical equipment (first revision)	Dec 2011	
2	IS 8048:1985	Electrocardiograph (first revision)	Dec 2011	2
3	IS 8885:1994	Medical Electrical Equipment - Electromyograph - Specification (first revision)	Mar 2010	
4	IS 10550:1983	Specification for Medical Treatment Lamps	Dec 2011	
5	IS 11302(Part 1):1985   IEC 60601-2-26	Electro-encephalograph (EEG): Part 1 General and safety requirements	Dec 2011	
6	IS 11302(Part 2):1985   IEC 60601-2-26	Electro-encephalograph (EEG): Part 2 Performance requirements	Dec 2011	
7	IS 11331:1985   IEC 60601-2-10	Specification for Electrical Muscle and Nerve Stimulators for Therapeutic Purpose	Dec 2011	
8	IS 11393:1985	Specification for Scintillation Counters	Dec 2011	
9	IS 11478(Part 1):1985   IEC 60930:1988	Application guide for medical electrical equipment: Part 1 General requirements and electrical installations	Dec 2011	
10	IS 11478(Part 2):1985   IEC 60930:1988	Application guide for medical electrical equipment: Part 2 Safety provisions, application, operation and maintenance	Dec 2011	
11	IS 11661:1986   IEC 60601-2-12	Safety of lung ventilators for medical use	Dec 2011	1
12	IS 11701:1986	Guide For Testing And Calibration of Ultrasonic Therapeutic Equipment	Feb 2011	
13	IS 11753:1986	Electrical impedance plethysmograph	Dec 2011	
14	IS 11754:1986   ISO 5841-1:1989	Specification for Implantable Ventricular Pacemaker	Dec 2011	
15	IS 12311:1987   IEC 60601-2-6(1984)	Specification for Microwave Diathermy Equipment for Therapeutic Purposes	Feb 2011	1
16	IS 13450(Part 1):2008 / IEC 60601-1(2005)	Medical electrical equipment Part 1 General requirement for basic safety and essential performance(First Revision)	Aug 2013	
17	IS 13450(Part 2/Sec 30):2008 / IEC 60601-2-30(1999)	Medical electrical equipment Part 2 Particular requirements for the safety Section 30 essential performance of automatic cycling non-invasive blood pressure monitoring equipment	Apr 2013	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

18	IS 13450(Part 1/Sec 1):2006 / IEC 60601-1-1 (2000)	Medical Electrical Equipment Part 1 General requirements for Nov 2011 safety Section 1 Collateral Standard-Safety Requirements for Medical Electrical System	
19	IS 13450(Part 2/Sec 4):2009 / IEC 60601-2-4(2005)	Medical Electrical Equipment Part 2-4 Particular requirement Jun 2009 for safety of cardiac difbullator (Superseding IS 9286(Part 1):1998 and IS 9286(Part 2) 1988)	
20	IS 13523(Part 1):1992   IEC 601-2-3:1991	Medical electrical equipment - Shortwave therapy equipment: Feb 2011 Part 1 General and safety requirements (First Revision)	
21	IS 13523(Part 2):1992   IEC 601-2-3:1991	Medical electrical equipment - Shortwave therapy equipment: Feb 2011 Part 2 Performance requirements	
22	IS 13812(Part 19):1994 / IEC 60601-2-19(1990)	Medical electrical equipment - Particular requirements for Mar 2010 safety Part 19 Baby incubators	
23	IS 14180:1994 / IEC 60878(1988)	Graphical symbols for electrical equipment in medical practice Mar 2010	
24	IS 13450(Part 2/Sec 5):2009 / IEC 60601-2-5:2005	Medical Electrical Equipment _Part 2-5 Particular requirement Dec 2009 for the safety of ultrasonic physiotherapy equipment (Supersending IS 13020(Part 1):1991 and IS 13020(Part 2):1990)	
25	IS 13450(Part 2/Sec 24):2009 / IEC 60601-2-24 :1998	Medical electrical equipment Part 2 -24 Particular requirement Dec 2009 for the safety of infusion pumps & controller	
26	IS 13450(Part 1/Sec 4):2009 / IEC 60601-1-4:2000	Medical Electrical Equipment - Part 1General requirement for Oct 2009 the safety section 4 colletral standard programmable electrical medical system	
27	IS 13450(Part 2/Sec 49):2009 / IEC 60601-2-49:2001	Medical electrical equipment Part 2 Particular requirements for Oct 2009 the safety Section 49 Multifunction patient monitoring equipment	
28	IS 13450(Part 1/Sec 2):2012 / IEC 60601-1-2(2007)	Medical electrical equipment Part 1General requirements for Mar 2012 the safety Section 2 Collateral standard:Electromagnetic compatibility- Requirements and tests	
29	IS/IEC 62353:2007	Medical Electrical Equipment -Recurrent test and test after Dec 2012 repair	

#### DRAFT STANDARDS UNDER PRINT

1	DOC.MHD 15(208) /IEC 60601-2-2:2009	Medical Electrical Equipment –Part 2-2: Particular requirement for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories (revision of IS 7583:1991)
2	DOC.MHD 15(209) / IEC 60601-2-19:2009	Medical Electrical Equipment –Part 2-19 Particular requirement for the basic safetyand essential performance of baby incubators ( revision of IS 13812:1994)
3	DOC.MHD 15(210) / IEC/TR 60878:2003	Graphical symbols for electrical equipment in medical practice ( revision of IS 14180:1994)
4.	DOC. MHD 15(311) /IEC 60601-2-18	Medical Electrical Equipment-Part 2-18: Particular requirements for the basic safety and essential performance of endoscopic equipment
5.	DOC. MHD 15(312) /IEC 60601-2-61	Medical Electrical Equipment-Part 2-61: Particular requirements for the basic safety and essential performance of pulse oximeter equipment

#### ASPECT WISE REPORT

PRODUCT	23
CODES OF PRACTICES	3
METHOD OF TEST	2
TERMINOLOGY, DIMENSIONS & SYMBOLS	1

**TOTAL : 29**

\* **INDICATES STANDARDS UNDER REVISION**  
/ **INDICATES DUAL NUMBER STANDARDS**

\*\* **INDICATES STANDARDS TO BE REVISED**  
/ **INDICATES EQUIVALENT STANDARDS**

## MHD 16 SURGICAL DRESSINGS AND DISPOSABLE PRODUCTS SECTIONAL COMMITTEE

**SCOPE** To formulate Indian Standards for surgical dressings & standards on needles, syringes, Drip  
 To co-ordinate with the work of  
 i) ISO/TC 76 Transfusion, infusion and injection equipment for medical and pharmaceutical use  
 (O Member)and working group other than glass (WG 1,3,4,5&6)  
 To co-ordinate the work of  
 ii) ISO/TC 84 Devices for administration of medical product and intravascular catheters (P

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
<b>STANDARDS PUBLISHED</b>				
1	IS 3234(Part 1):1986 / ISO 594/1-1986	Conical fittings with a 6 % (Luer) taper for syringes, needles and certain other medical equipment Part 1: General requirements (second revision)	Mar 2012	
2	IS 3234(Part 2):1995 / ISO 594-2:1991	Conical fittings with a 6% (Luer) taper for syringes, needles and certain other medical equipment Part 2 Lock fittings ( Second revision)	Feb 2011	
3	IS 3235:1988 / ISO 595/2-1987	General requirements for syringes for medical use(second revision)	Feb 2011	
4	IS 3236:1992   ISO 595-1:1986	Hypodermic syringes for general purposes - Specification (second revision)	Jan 2013	
5	IS 3237(Part 1):1985	Specification for Special purpose syringes:Part 1 Insulin syringe (second revision)	Feb 2012	1
6	IS 3237(Part 2):1985	Specification for Special purpose syringes Part 2 Tuberculin syringe(second revision)	Mar 2012	
7	IS 3237(Part 3):1985	Specification for Special purpose syringes Part 3 BCG Syringe (second revision)	Mar 2012	1
8	IS 3237(Part 4):1986	Specification for Special purpose syringes Part 4 Allergy vaccine syringe	Mar 2012	
9	IS 3237(Part 5):1986	Specification for Special purpose syringes Part 5 Post operation care	Mar 2012	
10	IS 3237(Part 6):1986	Specification for Special purpose syringes Part 6 Irrigation syringe	Mar 2012	
11	IS 3237(Part 7):1986	Specification for Special purpose syringes Part 7 Force feed syringe	Mar 2012	
12	IS 3237(Part 8):1986	Specification for Special purpose syringes Part 8 Angiography Syringe	Mar 2012	
13	IS 4148: 1989	Surgical rubber gloves- specification	Nov 2011	
14	IS 4445:1967	Specification for Filter and Filter Chamber for Blood Transfusion	Mar 2012	
15	IS 4605:1981	Crepe bandage (first revision)	Nov 2012	2
16	IS 4717:1980	Zinc oxide self-adhesive plaster (first revision)	Nov 2012	4
17	IS 4738:1993	Plaster of Paris bandage (second revision)	Sep 2013	

\* INDICATES STANDARDS UNDER REVISION  
 / INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
 / INDICATES EQUIVALENT STANDARDS



18	IS 4739:1986	Zinc oxide elastic self-adhesive bandage (first revision)	Dec 2012	2
19	IS 5405:1980	Sanitary napkins (first revision)	Nov 2012	1
20	IS 6208:1971	Spoons, plastics, measuring medicine	Oct 2012	
21	IS 7171:1974	Drip counter with filter	Mar 2012	
22	IS 7350:1974	Needles, spinal	Mar 2013	1
23	IS 7387:1974	Needles, biopsy, liver, Silverman's pattern	Mar 2013	
24	IS 9751:1981	Bandage, suspensory	Nov 2012	1
25	IS 9824(Part 2):1995   ISO 1135-3:1986	Transfusion equipment for medical use - Specification Part 2: Blood-taking set for single use (first revision)	Feb 2011	
26	IS 9824(Part 3):1996   ISO 1135-4:1987	Transfusion equipment for medical use Part 3: Transfusion sets for single use (first revision)	Jan 2013	
27	IS 10258:2002   ISO 7886-1:1993	Sterile hypodermic syringes for single use - Specification (second revision)	Jun 2012	
28	IS/ISO 10555-2:1996	Sterile, single-use intravascular catheters -Part 2: Angiographic catheters	Dec 2009	
29	IS/ISO 10555-3:1996	Sterile, single-use intravascular catheters -Part 3: Central venous catheters	Dec 2009	
30	IS/ISO 10555-4:1996	Sterile, single-use intravascular catheters -Part 4: Balloon dilatation Catheters	Dec 2009	
31	IS/ ISO 10555-1:1995	Sterile, single-use intravascular catheters -Part 1: General requirements	Dec 2009	
32	IS 10603:1983	Abdominal belts	Feb 2011	
33	IS 10654:2002 / ISO 7864:1993	Sterile hypodermic needles for single use (third revision)	Mar 2012	
34	IS 10829:1993	X-ray detectable gauze swabs and laparotomy sponges (first revision)	Sep 2013	
35	IS 10985:1984	Needles, acupuncture	Mar 2012	
36	IS 11043:1984	Needle, epidural	Mar 2012	
37	IS 11163:1985	First-aid dressings	Feb 2011	1
38	IS 11400:1985	Hypodermic syringes, interchangeable type, for general purposes (supersedes IS:3238-1965)	Mar 2012	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

39	IS 12050:1986	Sterile hypodermic syringes with needle attached for single use	Mar 2012	1
40	IS 12227:2002   ISO 8537:1991	Sterile single- use Syringes,with or without needle , for insulin (first revision)	Jun 2012	1
41	IS 12655(Part 4):2003 / ISO 8536-4:1998	Infusion Equipment for Medical use - Part 4 : Infusion Sets for Single use, Gravity Feed (first revision)	Feb 2013	
42	IS 13422:1992	Disposable Surgical rubber gloves – Specification	Jun 2013	
43	IS 14274:1995	Bandage, `T' shaped, calico - Specification	Feb 2011	
44	IS 14306:1995	Bandage, triangular, calico - Specification	Feb 2011	
45	IS 14316:1995	Swabs, small, in bags of 50 - Specification	Feb 2011	
46	IS 14944:2001	Surgical dressings - Methods of test	Dec 2011	
47	IS10258:2010 / ISO 7886-3:2005	Sterile Hypodermic Syringes for Single Use Part 3 Autodisable syringes for dixed dose immunization	Feb 2010	
48	IS 15102:2002 / ISO 3826: 1993	Plastics Collapsible Containers for Human Blood and Blood Components	Mar 2012	
49	IS 15354:2003 / ISO 11193:1994	Surgical use rubber examination glove specification	Jul 2009	
50	IS/ISO 10555-5:1996	Sterile, single-use intravascular catheters -Part 5: Over-needle peripheral catheters	Dec2009	
51	IS/ ISO 15197:2003	In vitro diagnostic test system requirment for blood Glucose monitering system for self testing In managing Diabetes Mellitus	May 2010	
52	IS 16111:2013	Specification for elastic bandage	Oct 2013	
53	IS 16097:2013	Sterile Single use Scalp vein (winged needle) infusion set	Aug 2013	

#### FINALISED DRAFTS UNDER PRINT

1	MHD 16 (0314) / ISO 15197:2013	In vitro diagnostic test system requirment for blood Glucose monitering system for self testing in managing Diabetes Mellitus		
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#### DRAFT UNDER WIDE CIRCULATION

1) DOC NO: MHD 16(0322) / ISO 594-2:1998	Conical fittings with 6% (Luer) taper for syringes, needles and certain other medical equipment – Part 2: Lock fittings
2) DOC NO: MHD 16(0323) /ISO 1135-4:2012	Transfusion equipment for medical use Part 4: Transfusion sets for single use
3) DOC NO: MHD 16(0324) /ISO 8537: 2007	Sterile single-use syringes, with or without needle, for insulin

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

**DRAFT UNDER WIDE CIRCULATION**

- 4) DOC NO: MHD 16(0325) Infusion equipment for medical use- Part 4: Infusion sets for single use, gravity feed  
/ISO 8536-4
- 5) DOC NO: MHD 16(0326) Plastics collapsible containers for human blood and blood components Part 1: Conventional  
/ISO 3826-1: 2013 containers
- 6) DOC NO: MHD 16(0327) Plastics collapsible containers for human blood and blood components Part 2: Graphical symbols for use  
/ISO 3826-2: 2008 on labels and instruction leaflets
- 7) DOC NO: MHD 16(0328) Plastics collapsible containers for human blood and blood components Part 3: Blood bag systems with  
/ISO 3826-3: 2006 integrated features
- 8) DOC NO: MHD16 (0329) Single-use medical examination gloves- Part 1: Specification for gloves made from rubber latex or  
/ISO 11193-1: 2008 rubber solution
- 9) DOC NO: MHD 16(0330) Single-use medical examination gloves- Part 2: Specification for gloves made from poly (vinyl chloride)  
/ISO 11193-2: 2006

**ASPECT WISE REPORT**

PRODUCT	51
METHOS OF TEST	2

**TOTAL : 53**

*\* INDICATES STANDARDS UNDER REVISION*  
*/ INDICATES DUAL NUMBER STANDARDS*

*\*\* INDICATES STANDARDS TO BE REVISED*  
*/ INDICATES EQUIVALENT STANDARDS*

## MHD 17 HEALTH INFORMATICS SECTIONAL COMMITTEE

**SCOPE** Standardization in the field of information for health, and Health Information and Communications Technology (ICT) to achieve compatibility and interoperability between Independent systems. Also, to ensure compatibility of data for comparative statistical purposes (e.g. classifications) and to reduce duplication of effort and redundancies. To co-ordinate with the work of ISO/TC 215 Health informatics & its sub committee

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
1	IS/ISO 17115:2007	Health Informatics-Vocabulary for terminological systems	March 2011	
2	IS/ISO 20301:2006	Health Informatics-Health Cards-General characteristics	March 2013	

### FINALISED DRAFTS UNDER PRINT

1	DOC.MHD 17(140) / ISO 12052:2006	Health Informatics-Digital Imaging and Communication in Medicine(DICOM)including workflow and data management
2.	DOC MHD 17 (0237) /ISO 13606-1:2008	Health Informatics-Electronic health record communication— Part 1: Reference model
3.	DOC MHD 17 (0238) /ISO 13606-2:2008	Health Informatics-Electronic health record communication— Part 2 Archetype interchange specification
4.	DOC MHD 17 (0239) /ISO 13606-3:2009	Health Informatics-Electronic health record communication— Part 3: Reference archetypes and term lists
5.	DOC MHD 17 (0240) /ISO 16056-1:2004	Health Informatics—Interoperability of telehealth systems and networks- Part 1: Introduction and definitions
6.	DOC MHD 17 (0241) /ISO 16056-1:2004	Health Informatics—Interoperability of telehealth systems and networks- Part 2 : Real-time systems
7.	DOC MHD 17 (0242) /ISO/TS 18308:2004	Health informatics-Requirements for an electronic health record architecture
8.	DOC MHD 17 (0243) /ISO/TR 20514:2005	Health informatics-Electronic health record-Definition, scope and context
9.	DOC MHD17 (313) /ISO/IEEE 11073-10404	Health informatics- personal health devices communication Part 10404 Device specialization-Pulse oximeter

### DRAFT APPROVED FOR WIDE CIRCULATION

1.	DOC MHD 17 (0301) ISO/TR 22221:2006	Health informatics- good principles and practices for a clinical data warehouse
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### ASPECT WISE REPORT

CODES OF PRACTICES	1
TERMINOLOGY	1
<b>TOTAL :</b>	<b>2</b>

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

MHD 18 IONIZING RADIATION IMAGING AND RADIOTHERAPY EQUIPMENT SECTIONAL

**SCOPE** To prepare standards for ionizing radiation imaging and radiotherapy, dentistry, equipment for radiotherapy, nuclear medicine and radiation dosimetry and  
 To coordinate with work of  
 i) IEC SC 62B Diagnostic Imaging Equipment [O-Member]  
 ii) IEC 62C Equipment for Radiotherapy [O-Member]

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
<b>STANDARDS PUBLISHED</b>				
1	IS/ISO 4090:2001	Photography - Medical radiographic cassettes/ screens /films and hard-copy imaging films - Dimensions and specifications	Jul 2013	
2	IS 7620(Part 1):1986	Medical electrical equipment - Diagnostic medical X-ray equipment : Part 1 mechanical and electrical Safety Requirements (first revision)	Dec 2011	3
3	IS 7620(Part 2):1986	Medical electrical equipment - Diagnostic medical X-ray equipment : Part 2 performance requirements (first revision)	Dec 2011	1
4	* IS 7620(Part 3):1991	Medical electrical equipment - Diagnostic X-ray equipment: Part 3 Radiation safety requirements	Dec 2011	
5	IS 11789:1986   IEC 60806:1984	Determination of the Maximum Symmetrical Radiation Field in the Radiation Beam from a Rotating Anode X-ray Tube for Medical Diagnosis	Dec 2011	
6	IS 13450(Part 2/Sec 11):2007 / IEC 60601-2-11(1997)	Medical Electrical Equipment Part 2 Particular requirements for the safety Section 11 gamma beam therapy equipment	Nov 2012	
7	IS 13450(Part 2/Sec 17):2007 / IEC 60601-2-17(2005)	Medical electrical equipment Part 2 Particular requirements for the safety Section 17 Automatically-controlled brachytherapy after loading equipment	Nov 2012	
8	IS 13450(Part 2/Sec 29):2008 / IEC 60601-2-29(1999)	Medical electrical equipment Part 2 particular requirements for the safety Section 29 radiotherapy simulators	May 2013	
9	IS 13450(Part 2/Sec 43):2008 / IEC 60601-2-43(2000)	Medical electrical equipment Part 2 Particular requirements for the safety Section 43 X-ray equipment for interventional procedures	May 2013	
10	IS 13450(Part 2/Sec 44):2007 / IEC 60601-2-44(2002)	Medical electrical equipment Part 2 Particular requirements for the safety Section 44 X-ray equipment for computed tomography(with Amnd.1 (2002))	Nov 2012	
11	IS 13450(Part 2/Sec 45):2007 / IEC 60601-2-45(2001)	Medical electrical equipment Part 2 Particular requirements for the safety Section 45 Mammographic X-ray equipment and mammographic stereotactic devices	Nov 2012	
12	IS 13450(Part 2/Sec 1):2007 / IEC 60601-2-1(1998)	Medical Electrical Equipment Part 2 Particular requirements for the safety Section 1 electron accelerators in the range 1 MeV to 50 MeV	Nov 2012	
13	IS 13450(Part 2/Sec 32):2006 / IEC 60601-2-32(1994)	Medical Electrical Equipment Part 2 Particular requirements for the safety Section 32 Associated Equipment of X-ray Equipment	Nov 2011	1

\* INDICATES STANDARDS UNDER REVISION  
 / INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
 | INDICATES EQUIVALENT STANDARDS

14	IS 13450(Part 2/Sec 7):2006 / IEC 60601-2- 7(1998)	Medical Electrical Equipment Part 2 Particular requirements for the safety Section 7 High-Voltage Generators of Diagnostic X-ray Generators [Superseding IS 7620 (Part 1) :1986 ]	Oct 2011
15	IS 13709:1993	Medical electrical equipment - Dental X-ray equipment - Radiation safety	Mar 2010
16	IS 13814:1993 / IEC 60858(1986)	Determination of the image distortion of electro-optical X-ray image intensifiers	Mar 2010
17	IS 15584:2005	Medical X-Ray Films	Jul 20012
18	IS/IEC 61262-2:1994	Medical electrical equipment Characteristics of Electro-Optical X-Ray Image Intensifiers:Part 2 - Determination of conversion factor (Superseding IS 13813:1993)	Dec 2009
19	IS/IEC 61262-1:1994	Medical electrical equipment - characteristics of electro-optical x-ray image intensifiers - Part 1 Determination of the entrance field Size (Superseding IS 13728:1993)	Feb 2010
20	IS/ IEC 60336:2005	Medical Electrical Equipment X-Ray tube assemblies for Medical diagnosis - Characteristic of focal spots (Superseding IS 12024:1986)	Oct 2010
21	IS/ IEC/TR 60788:2005	Medical Electrical Equipment-Glossary of defined terms( Superseding IS 13807:1994)	Apr 2010
22	IS/ IEC 61262-3:1994	Medical Electrical Equipment - Part 3: Determination of the luminance distribution & luminance non-uniformity (Superseding IS 13729:1993)	Feb 2012

#### **DRAFT STANDARDS UNDER PRINTING**

1	DOC.MHD 18(130) / IEC 60601-1-3:2008	Medical Electrical Equipment- Part 1 General requirement for safety-Sec. 3 Collateral Standard: General requirement for radiation protection in diagnostic X-ray Equipment
2	DOC.MHD 18(89) / IEC 61262-4:1994	Determination of image distortion of electro optical X-ray image intensifier (Superseding IS 13814:1993)
3	DOC.MHD 18(182) / IEC/TR 61859:1997	Guidelines for radiotherapy treatment rooms design

#### **DRAFT UNDER WIDE CIRCULATION**

1.	DOC MHD 18(302) IEC 61331-1:1994	Protective devices against diagnostic medical X-radiation Part 1 determination of attenuation properties of material
2.	DOC MHD 18(303) IEC 61331-2:1994	Protective devices against diagnostic medical X-radiation Part 2 protective glass plates
3.	DOC MHD 18(304) IEC 61331-3:1998	Protective devices against diagnostic medical X-radiation Part 3 protective clothing and protective devices for gonads

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

## DRAFT UNDER WIDE CIRCULATION

- |    |                                       |   |
|----|---------------------------------------|---|
| 4. | DOC MHD 18(305)<br>IEC 62220-1:2003   | Medical electrical equipment-characteristics of digital X-ray imaging devices - Part 1 Determination of the detective quantum efficiency                                      |
| 5. | DOC MHD 18(306)<br>IEC 62220-1-2:2007 | Medical electrical equipment-characteristics of digital X-ray imaging devices - Part 1-2 Determination of the detective quantum efficiency- Detectors used in mammography     |
| 6. | DOC MHD 18(307)<br>IEC 62220-1-3:2008 | Medical electrical equipment-characteristics of digital X-ray imaging devices - Part 1-3 Determination of the detective quantum efficiency- Detectors used in dynamic imaging |

## DRAFT STANDARDS COMPLETED WIDE CIRCULATION

- |   |                                       |  |
|---|---------------------------------------|--|
| 1 | DOC.MHD 18(179)<br>/ IEC 61675-1:2008 | Radionuclide imaging devices- Characterstics and test conditions<br>Part 1 positron emission tomographs (with amendment 1)                   |
| 2 | DOC.MHD 18(180)<br>/ IEC 61675-2:2005 | Radionuclide imaging devices- Characterstics and test conditions<br>Part 2 single photone emission computed tomographs<br>(with amendment 1) |
| 3 | DOC.MHD 18(181)<br>/ IEC 61675-3:1998 | Radionuclide imaging devices- Characterstics and test conditions<br>Part 3 Gamma camera based whole body imaging system                      |

### ASPECT WISE REPORT

PRODUCT	15
METHODS OF TEST	6
TERMINOLOGY, DIMENSIONS & SYMBOLS	1
<b>TOTAL :</b>	<b>22</b>

\* *INDICATES STANDARDS UNDER REVISION*  
/ *INDICATES DUAL NUMBER STANDARDS*

\*\* *INDICATES STANDARDS TO BE REVISED*  
/ *INDICATES EQUIVALENT STANDARDS*

## MHD 19 IMMUNO BIOLOGICAL DIAGNOSTIC KITS SECTIONAL COMMITTEE

**SCOPE** To formulate Indian Standards on biological tests, biological stains, immuno-Biological and diagnostic Kits.

To co-ordinate with the work of ISO/TC 194 -Biological evaluation of medical devices (P

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
<b>STANDARDS PUBLISHED</b>				
1	IS 12572(Part 1):1994 / ISO 10993-1:1992	Biological evaluation of medical devices Part 1 Guidance on selection of tests (first revision)	Feb 2011	
2	IS 12572(Part 2):1994 / ISO 10993-2:1992	Biological evaluation of medical devices Part 2 Animal welfare requirements	Feb 2011	
3	IS 12572(Part 3):1988	Guide for evaluation of medical devices for biological hazards Part 3 Method of testing by tissue implantation	Feb 2011	
4	IS 12572(Part 4):1988	Guide for evaluation of medical devices for biological hazards Part 4 Method of test for systemic toxicity: Assessment of acute toxicity of extracts from medical devices	Feb 2011	
5	IS 12572(Part 5):1988	Guide for evaluation of medical devices for biological hazards Part 5 Method of test for intracutaneous reactivity of extracts from medical devices	Feb 2011	
6	IS 12572(Part 6):1988	Guide for evaluation of medical devices for biological hazards Part 6 Method of test for systemic toxicity; assessment of pyrogenicity in rabbits of extracts from medical devices	Feb 2011	
7	IS 12572(Part 7):1988	Guide for evaluation of medical devices for biological hazards Part 7 Method of test for sensitization: Assessment of the potential of medical devices to produce delayed contact dermatitis	Feb 2011	
8	IS 12572(Part 8):1988	Guide for evaluation of medical devices for biological hazards Part 8 Method of test for skin irritation of extracts from medical devices: and	Feb 2011	
9	IS 12572(Part 9):1988	Guide for evaluation of medical devices for biological hazards Part 9 Method of test for skin irritation by solid medical devices	Feb 2011	
10	IS 12572(Part 10):1988   ISO 7405:1984	Guide for evaluation of medical devices for biological hazards Part 10 Biological testing and evaluation of dental materials	Feb 2011	
11	IS 12572(Part 11):1990	Guide for evaluation of medical devices for biological hazards Part 11 Method of tests for eye irritation	Feb 2011	
12	IS 12572(Part 13):1994 / ISO 10993-3:1992	Biological evaluation of medical devices Part 13 Tests for genotoxicity, carcinogenicity and reproductive toxicity	Feb 2011	
13	IS 12572(Part 14):1994 / ISO 10993-4:1992	Biological evaluation of medical devices Part 14 Selection of tests for interactions with blood	Feb 2011	

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
| INDICATES EQUIVALENT STANDARDS



## DRAFT STANDARDS FINALIZED FOR PRINTING

1. MHD 19(271)  
/ISO 10993-2:2006 Biological evaluation of medical devices- Part 2: Animal welfare requirements
2. MHD 19(272)  
/ISO 10993-3:2003 Biological evaluation of medical devices- Part 3: tests for genotoxicity, carcinogenicity and reproductive toxicity
3. MHD 19(273)  
/ISO 10993-4:2002 Biological evaluation of medical devices- Part 4: Selection for tests for interactions with blood
4. MHD 19(274)  
/ISO 10993-5:2009 Biological evaluation of medical devices - Part 5: Tests for invitro cytotoxicity
5. MHD 19 (288)  
/ISO10993-12:2012 Biological evaluation of medical devices Part 12: Sample preparation and reference materials
6. MHD 19 (289)  
/ISO 10993-18:2005 Biological evaluation of medical devices Part 18: Chemical characterization of materials
7. MHD19 (290)  
/ISO 10993-20:2006 Biological evaluation of medical devices Part 20: Principles and methods for immunotoxicology testing of medical devices
8. MHD 19 (291)  
/ISO14155:2011 Chemical investigation of medical devices for human subjects- Good clinical practice
9. MHD19(315)  
/IEC 61010-1 Safety requirements for electrical equipment for measurement control and laboratory use-Part 1-General Requirement
10. MHD19(316)  
/IEC 61010-2-051 Safety requirements for electrical equipment for measurement control and laboratory use-Part 2-051, Particular requirement for mixing and stirring
11. MHD19(318)  
/IEC 61010-2-101 Safety requirements for electrical equipment for measurement control and laboratory use-Part 2-101, Particular requirement for in vitro diagnostic (IVD) medical equipment

## DRAFT STANDARDS COMPLETED WIDE CIRCULATION

1. MHD 19(270)  
/ISO 10993-1:2009 Biological evaluation of medical devices- Part 1: Evaluation and testing within a risk Management process
2. MHD19(317)  
/IEC 61010-2-081 Safety requirements for electrical equipment for measurement control and laboratory use-Part 2-081, Particular requirement for automatic laboratory equipment for analysis and other purposes

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

## DRAFT STANDARDS UNDER WIDE CIRCULATION

- 1.) Doc No.: MHD 19(0338) Biological evaluation of medical devices -- Part 10: Tests  
/ISO 10993-10:2010 for irritation and skin sensitization
- 2) Doc No.: MHD 19(0339) Biological evaluation of medical devices- Part 11 Tests for systemic toxicity  
/ISO 10993-11:2006
- 3) Doc No.: MHD 19(0340) Medical devices utilizing animal tissues and their derivatives- Part 1: Application of risk management  
/ISO 22442:2007
- 4) Doc No.: MHD 19(0341) Medical devices utilizing animal tissues and their derivatives- Part 3: Validation of the elimination  
/ISO 22442-3:2007 and/or inactivation of viruses and transmissible spongiform encephalopathy (TSE) agents

## DRAFT STANDARDS APPROVED FOR WIDE CIRCULATION

1. Doc: MHD 19 ( 0 ) Guide for evaluation of medical devices for biological hazards Part 10 Biological  
/ISO 7405:2003 testing and evaluation of dental materials [first revision of IS 12572 (Part 10):1988]
2. Doc: MHD 19( ) Biological evaluation of medical devices -- Part 6:  
/ISO10993 – 6:2007
3. Doc: MHD 19( ) Biological evaluation of medical devices -- Part 8:  
/ISO10993 – 7:2008

### ASPECT WISE REPORT

METHODS OF TEST	10
CODES OF PRACTICES	2
OTHERS	1

**TOTAL : 13**

\* **INDICATES STANDARDS UNDER REVISION**  
/ **INDICATES DUAL NUMBER STANDARDS**

\*\* **INDICATES STANDARDS TO BE REVISED**  
/ **INDICATES EQUIVALENT STANDARDS**

## MHD 20 MEDICAL BIOTECHNOLOGY AND NANOTECHNOLOGY SECTIONAL COMMITTEE

**SCOPE a)** To formulate Indian Standards for Equipment used in medical bio technology and Nanotechnology.  
b) To coordinate with ISO/ TC 229/WG 3 Health, Safety & Environmental aspect of nanotechnologies.

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
1.	Doc MHD 20(0) /ISO 00000	STANDARD UNDER COMMITTEE IS YET TO BE IDENTIFIED		

### ASPECT WISE REPORT

\* *INDICATES STANDARDS UNDER REVISION*  
/ *INDICATES DUAL NUMBER STANDARDS*

\*\* *INDICATES STANDARDS TO BE REVISED*  
/ *INDICATES EQUIVALENT STANDARDS*

**MHD 21 HOSPITAL BIO MEDICAL WASTE MANAGEMENT AND INFECTION CONTROL SECTIONAL COMMITTEE**

**SCOPE:-** To formulate Indian Standards for:

- i) Equipment and instruments for infection control
- ii) Equipment/containers required under Biomedical Waste Management and handling rules 1998”

<b>Sl. No.</b>	<b>IS Number/ DOC Number</b>	<b>Title</b>	<b>Reaffirm Date</b>	<b>No. of Amd.</b>
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**NEW ITEMS**

- |   |  |  |  |  |
|---|--|--|--|--|
| 1 |  | Guidelines on Bio Medical Waste Management |  |  |
| 2 |  | Autoclave                                  |  |  |

**ASPECT WISE REPORT**                      **Nil**

\* **INDICATES STANDARDS UNDER REVISION**  
/ **INDICATES DUAL NUMBER STANDARDS**

\*\* **INDICATES STANDARDS TO BE REVISED**  
/ **INDICATES EQUIVALENT STANDARDS**

## MHD 22 WATER PURIFICATION SYSTEM SECTIONAL COMMITTEE

**SCOPE** To formulate Indian Standard for point-of -use water purification systems

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
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### STANDARDS PUBLISHED

1	IS 14724:1999	Water purifiers with ultra violet disinfection-Specification	Mar 2009	
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### DRAFT STANDARDS UNDER PRINTING

1	DOC: MHD 22(187)	Reverse Osmosis (RO) based Point-of-Use (POU) water treatment system – Specification		
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### DRAFT STANDARDS UNDER WIDE CIRCULATION

1	DOC.: MHD 22(293)	‘Microbiological Water Treatment Systems [POINT OF USE / In-Home]’		
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### NEW ITEMS

1. Specific elements like Arsenic, Fluoride, Nitrate etc

### ASPECT WISE REPORT

OTHERS

1

**TOTAL : 1**

\* INDICATES STANDARDS UNDER REVISION  
/ INDICATES DUAL NUMBER STANDARDS

\*\* INDICATES STANDARDS TO BE REVISED  
/ INDICATES EQUIVALENT STANDARDS

**ANNEX I**  
**STANDARDS WITHDRAWN / SUPERSEDED**

Sl. No.	Committee No.	IS No./ DOC Number	Title
1	10	IS 489(Part 1):1973	Glass ampoules Part 1: Ampoules for liquid injectables (Second Revision) (Superseded)
2	10	IS 489(Part 2):1973	Glass Ampoules Part 2: Ampoules for tyophilized injectables (second revision)(Superseded)
3	10	IS 490:1967	Vaccine phials (first revision){superseded by IS 1984(Part I)}
4	10	IS 3238:1965	Dimensions for hypodermic syringes interchangeable type (Superseded by IS 11400)
5	1	IS 3642:1978	General requirements for surgical instruments (First Revision)
6	3	IS 3701:1985	Specification for Rubber Protective Sheaths (Condoms)(Superseded by IS/ISO 4074:2002)
7	12	IS 3991:1993	Bowls, lotion - Specification (second revision)
8	12	IS 3995:1980	Mugs (first revision)
9	12	IS 3996:1982	Spittoons
10	12	IS 3998:1982	Cups, medicine (first revision)
11	10	IS 4068:1967	Uremeter, Doremus type (withdrawn)
12	11	IS 4153:1967	Trolleys for gas anaesthetic apparatus (withdrawn)
13	08	IS 4313:1985	Specification for Pliers, Plate, Dental
14	08	IS 4314:1991	Orthodontic Pliers, Cone Socket - Shape, Dimensions and Tests
15	08	IS 4315:1985	Specification for Pliers, Bar Bending, Dental, Waldsach's Type
16	08	IS 4319(Part 1):1986	Specification for Pliers, Stretching and Contouring, Dental - Part 1 : Pliers, Stretching and Contouring
17	12	IS 4510:1978	Redesignated as IS 3829 (Part 2)
18	11	IS 4538:1968	Refrigeration type oxygen tent units for oxygen therapy
19	9	IS 4557:1968	Applines office, flat adjustable for artificial limbs
20	9	IS 4608:1968	Brush-holding device for artificial limbs (withdrawn)
21	9	IS 4612:1968	C-hook terminal device, spring loaded, for artificial limbs
22	9	IS 4657:1968	Ring device for artificial limbs (withdrawn)
23	9	IS 4676:1968	Workshop-tool-holding device for artificial limbs (withdrawn)
24	9	IS 4678:1967	Universal device for artificial limbs (withdrawn)
25	8	IS 4689:1968	Enamel hatched, dental, No. EH 1/2 (withdrawn)
26	8	IS 4716:1993	Dental instruments - Dental probes (superseded)
27	5	IS 4788:1986	Knife, eye, capsulotomy (Ziegler's pattern) (second revision)
28	5	IS 4789:1986	Knife,eye, cataract (Graefe's pattern) (second revision)
29	9	IS 5013:1969	Tooth-Brush-holding terminal device for artificial limbs
30	9	IS 5014:1969	Telephone-receiver-holding device for artificial limbs (withdrawn)
31	9	IS 5016:1968	Safety razor holding device for artificial limbs (withdrawn)
32	2	IS 5090:1969	Specification for Blade plate, Moore type (withdrawn)
33	5	IS 5110:1969	Corneal loupe
34	10	IS 5156:1969	Calorimeter cup, duboscq type (withdrawn)
35	2	IS 5170:1969	Specification for Bone plate Sherman type (withdrawn)
36	2	IS 5171:1969	Specification for Bone plate, kessel, osteotomy (withdrawn)
37	5	IS 5226:1989	Eye surgery instruments - Forceps, eye, corneo-scleral disc, Elliot's pattern - (Modified)-Specification (second revision)
38	5	IS 5231:1990	Eye surgery instruments - Forceps, eye tarsal cyst, Green's Pattern (modified) - Specification (second revision)
39	5	IS 5233:1990	Eye surgery instruments - Forceps, eye, intra-capsular, arruga's and Elschnig's pattern (Modified) - Specification
40	5	IS 5234:1989	Eye surgery instruments - Forceps, eye, extra capsule, Couper's pattern (modified) - Specification (second revision)
41	12	IS 5335:1969	Tables, bedsides (withdrawn)

Sl. No.	Committee No.	IS No./ DOC Number	Title
42	11	IS 5355:1969	Oxygen flowmeter (dry bobbin type for therapy purposes) (withdrawn)
43	2	IS 5392:1969	Specification for Bone plates, Eggers type (withdrawn)
44	11	IS 5413:1969	conical fittings for to-and-fro carbon dioxide absorber (water type) for use with anaesthetic apparatus (withdrawn)
45	08	IS 5540:1970	Specification for Pliers, Band Forming, Dental
46	11	IS 5564:1970	Humidifiers-gas (bubble type) (withdrawn)
47	9	IS 5587:1970	Hand, dress (withdrawn)
48	9	IS 5588:1970	Specification for Quadriceps Boots
49	11	IS 5602:1970	Specification for Anaesthetic Breathing Bags
50	8	IS 5645:1970	Specification for Pedestal Cuspidor
51	8	IS 5655:1970	Foot-operated dental engine (withdrawn)
52	5	IS 5695:1970	Specification for Spectacle lenses
53	12	IS 5764:1993	Bowls, solution - Specification (first revision)
54	12	IS 5782:1993	Bowls, sponge (first revision)
55	9	IS 5811:1970	Hip joint with lock for steel orthopaedic calipers and braces
56	08	IS 5828:1991	Orthodontic pliers, workroom - Shape, dimensions and tests (first revision) (withdrawn)
57	8	IS 5830:1970	Dimensions for transmission coupling (slip-joint) to dental handpieces
58	2	IS 5846:1970	Specification for Nails, Bone (Smith Petersen and Watson Jones Patterns) (withdrawn)
59	8	IS 5958:1970	Specification for Reflector and Cheek Retractor, Dental
60	8	IS 5997:1970	Specification for Holder, Wire and Broach, Dental
61	8	IS 6182:1971	Dimensions for dental cable arm (withdrawn)
62	8	IS 6183:1971	Dimensions for dental section arm
63	8	IS 6282:1986	Specification for Waste Receiver, Dental (first revision)
64	9	IS 6415:1972	Simple single axis steel knee joint for conventional above knee prosthesis (withdrawn)
65	9	IS 6423:1972	Simple single axis steel hip joint for above knee conventional prosthesis (withdrawn)
66	9	IS 6424:1972	Simple axis steel knee joint for below knee conventional prosthesis (withdrawn)
67	11	IS 6513:1985	Specification for Fine Adjustment Valves for Use with Oxygen Cylinders for Oxygen Therapy (First Revision)
68	2	IS 6785:1982	Specification for Plate, Bone, Wainwright, Osteotomy (First Revision) (withdrawn)
69	2	IS 6787:1973	Specification for Plate, Bone, McLaughlin(withdrawn)
70	2	IS 6790:1973	Specification for Plate, Bone, Intertrochanteric, Thornton Type (withdrawn)
71	08	IS 6857:1972	Specification for Separator, Double-Bow, Dental
72	8	IS 6884:1983	Specification for Dental Silicate Cement(first revision)
73	9	IS 6984:1972	Polycentric knee joint (withdrawn)
74	3	IS 6986:1973	Forceps, cranioclast and cephalotribe combined
75	18	IS 6991:1985	Radiographic cassettes (first revision)(Superseded by IS/ISO 4090:2001
76	9	IS 6998:1973	Special screw for sach foot (withdrawn)
77	18	IS 7064:1973	Radiation protection in medical X-ray equipment operating at 10 kV to 400 kV (withdrawn)
78	1	IS 7120:1973	Handles for surgical blades detachable (Bard Parker Type)
79	8	IS 7139:1991	Orthodontic pliers, arrow headed,clasp forming - Shape, dimensions and tests(first revision)
80	8	IS 7141:1991	Dental Instruments - Orthodontic Pliers, Band Forming, Peak's Pattern - Shape, Dimensions and Tests
81	8	IS 7336:1974	Specification for Pliers, Tie Back, Nance Type, Dental
82	8	IS 7339:1988	Specification for Pliers, Anterior Band Removing, Dental (withdrawn)

Sl. No.	Committee No.	IS No./ DOC Number	Title
83	11	IS 7626:1975	Forceps, tongue-holding, Moynihan's Pattern (withdrawn)
	2	IS 7701:1975	Plates, bone, spinal, Meuring Williams (withdrawn)
84	5	IS 7757:1975	Specification for cystotome, eye, Moorfield's pattern
85	5	IS 7783:1981	General requirements for handles, instruments, eye-surgery (first revision)
86	11	IS 7860:1975	Specification for Mask, Schimmelbusch's Pattern with Chadborn's Modification
87	11	IS 7860:1975	Specification for Mask, Schimmelbusch's Pattern with Chadborn's Modification
88	8	IS 7869:1975	Specification for Spray, De Vilbiss' Pattern
89	5	IS 8158:1976	Needle, eye, discission, Bowman's pattern
90	5	IS 8163:1976	Knife, keratome, eye, Jaeger's pattern
91	5	IS 8260(Part 2):1976	Glossary of terms relating to ophthalmic and spectacle frames (Part 2) Spectacle frames
92	2	IS 8326:1977	Starter, Smith Petterson Nail, orthopaedic (withdrawn)
93	11	IS 8371:1977	Tubes, Naso-pharyngeal (rubber or plastics) (withdrawn)
94	9	IS 8490:1977	Skin blocks, wooden (withdrawn)
95	9	IS 8491:1977	Knee blocks, wooden (withdrawn)
96	6	IS 8550:1977	Scissors, angled on flat, Potts Smith pattern (withdrawn)
97	15	IS 8607(Part 1):1977	General and safety requirements for electrical equipment used in medical practice: Part 1 General (withdrawn)
98	15	IS 8607(Part 3):1978	General and safety requirements for electrical equipment used in medical practice: Part 3 Protection against mechanical hazards (withdrawn)
99	15	IS 8607(Part 4):1985	General and safety requirements for electrical equipment used in medical practice: Part 4 Protection against unwanted or excessive radiation (withdrawn)
100	15	IS 8607(Part 5):1983	General and safety requirements for electrical equipment used in medical practice: Part 5 Protection against explosion hazards (withdrawn)
101	15	IS 8607(Part 6):1984	General and safety requirements for electrical equipment used in medical practice: Part 6 Protection against excessive temperatures, fire and other hazards (withdrawn)
102	15	IS 8607(Part 7):1985	General and safety requirements for electrical equipment used in medical practice: Part 7 Construction (withdrawn)
103	15	IS 8607(Part 8):1985	General and safety requirements for electrical equipment used in medical practice: Part 8 Behaviour and reliability (withdrawn)
104	2	IS 8609:1977	Nail hip Jewett type for orthopaedic use (withdrawn)
105	5	IS 8774:1985	Punch Cormenscleral, Holth's pattern modified (first revision)
106	6	IS 8898:1978	Clamp, anastomosis, Cooley's pattern (withdrawn)
107	15	IS 8902:1978	Area exposure product meter (withdrawn)
108	2	IS 8921:1978	Specification for Augar extraction, Judet's pattern (withdrawn)
109	5	IS 9173:1979	Ratinoscope-self luminous type
110	15	IS 9286(Part 1):1988	Cardiac defibrillators: Part 1 Safety requirements (first revision) (Superseded by IS 13450(Part 2/Section 4):2009)
111	15	IS 9286(Part 2):1988	Cardiac defibrillators: Part 2 Construction and performance requirements (first revision) (Superseded by IS 13450(Part 2/Section 4):2009)
112	12	IS 9310:1979	Water purifier, potable
113	5	IS 9318:1987	Knife, eye, cataract, sliding in handle (first revision)
114	6	IS 9927:1981	Clamp, anastomosis, dale-femoral Popliteal's pattern (withdrawn)
115	5	IS 9982:1981	Knife, Keratome, Castroviejo's pattern



Sl. No.	Committee No.	IS No./ DOC Number	Title
116	16	IS 10104(Part 1):1981	Needle suture : Part 1 curved 1/4, 3/8, 1/2 and 5/8 circle
117	2	IS 10154:1982	Specification for Blade, plate, osteotomy, wainwright-Hammond's pattern(withdrawn)
118	2	IS 10159:1982	Nail, supracondylar, Jewett's pattern(withdrawn)
119	5	IS 10395:1983	Scleral hook, eye, Stallard's pattern
120	3	IS 10546:1983	Forceps, uterus holding, hysteroleb, Dartigies pattern
121	18	IS 10554:1983	Radiographic intensifying screens for medical use - dimensions(Superseded by IS/ISO 4090:2001)
122	12	IS 10578:1983	Surgical spring trusses
123	12	IS 10764:1983	Boiling pan
124	11	IS 10796:1983	Specification for Lung Ventilators
125	8	IS 10797:1984	Definitions and principles relating to working space of the dentist (withdrawn)
126	5	IS 10849:1984	Cystotome and curette, eye, Moorfield's pattern
127	12	IS 11882:1987	Frying pan, tilting type (electrically operated)
128	12	IS 11971:1987	Jacketed cooking vessel,tilting type (electrically operated)
129	3	IS 12418(Part 2):1987	Intra uterine contraceptive devices Part 2 Determination of breaking force
130	3	IS 12418(Part 3):1987	Intra uterine contraceptive devices Part 3 Packaging and
131	3	IS 12418(Part 4):2000	Intra uterine contraceptive devices Specification Part 4 Copper T (208) (Second revision) -Withdrawn
132	11	IS 12504(Part 3):1988	Specification for Tracheal Tubes - Part 3 : Murphy Type
133	11	IS 12504(Part 4):1988	Specification for Tracheal Tubes - Part 4 : Cole Type
134	11	IS 12504(Part 5):1988	Specification for Tracheal Tubes - Part 5 : Requirements and Methods of Test for Cuffs and Tubes
135	11	IS 12827:1989 / ISO 7396:1987	Non-flammable medical gas pipeline system
136	15	IS 13069:1986	Methods of Measuring The Performance of Ultrasonic Pulse-Echo Diagnostic Equipment
137	5	IS 13767:1993	Optics- Optical instruments – Contact lenses – Vocabulary and symbols
138	18	IS 13813:1993	Measurement of the conversion factor of electro-optical X-ray image int
139	5	IS 13903:1993	Soft contact lenses – Requirements
140	5	IS 13928:1993	Rigid contact lenses – Requirements
141	5	IS 14323:1996	Intra-ocular lenses - Specification
142	18	IS 12024:1986	Methods for determination of characteristics of focal spots in diagnostic X-ray tube assemblies for medical use (Superseded by IS/IEC 60336::2005)
143	18	IS 13728:1993	Entrance field sizes of elctro-optical X-ray image intensifiers (Superseded by IS/IEC 61262-1::1994)
144	11	IS 11364:1994	Anaesthetic Reservoir Bags - Specification (first revision)
145	11	IS 12505(Part 1):1988	Tracheostomy tubes, Part:1 Connectors
146	11	IS 12505(Part 2):1988	Tracheostomy tubes, Part 2 Basic Requirements
147	11	IS 11363:1985	Tubes, breathing, for anaesthetic apparatus and ventilators
148	11	IS 7409(Part 1):2003	Anaesthetic and Respiratory Equipment - Conical Connectors - Part 1: Cones and Sockets (Third Revision)
149	11	IS 12504(Part 1):1988	Specification for Tracheal Tubes - Part 1 : General Requirements
150	11	IS 12504(Part 2):1988	Specification for Tracheal Tubes - Part 2 : Oro-tracheal and Naso-tracheal Tubes of the Magill Type (Plain and Cuffed)
151	11	IS 11808:1986	Tracheal tubes connectors

**ANNEX II**  
**COMMITTEE WISE ASPECT OF STANDARDS**

Sl. No	Committee No.	Total Standards	Product	Method of Test	Code of Practice	Terminology, Dimensions & Symbols (TDS)	Other	Adoption (/)		Technical y Equivalent (≡)		ISS ≠
								ISO	IEC	ISO	IEC	
1	MHD01	113	90	3	-	20	-	04	-	02	-	107
2	MHD02	128	80	28	3	16	1	42		06		80
3	MHD03	60	50	2	1	7	-	05		-		55
4	MHD04	84	84	-	-	-	-	-		-		84
5	MHD05	72	59	6	1	5	1	17		-		55
6	MHD06	42	33	-	-	7	2	08		-		34
7	MHD07	37	32	-	-	3	2	05		-		32
8	MHD08	171	147	3	8	10	3	24		06		141
9	MHD09	105	98	1	-	5	1	04		03		98
10	MHD10	42	40	-	1	-	1	06		01		35
11	MHD11	47	43	-	-	1	3	23		-		24
12	MHD12	63	61	-	2	-	-	-		-		63
13	MHD13	17	17	-	-	-	-	-		-		17
14	MHD14	21	-	-	19	1	1	03		-		18
15	MHD15	29	23	2	3	1	-	-	12	-	11	06
16	MHD16	53	51	2	-	-	-	14		05		39
17	MHD17	2	-	-	1	1	-	02		-		-
18	MHD18	22	15	6	-	1	-		16		01	05
19	MHD19	13	-	10	2	-	1	04		01		08
20	MHD20	-	-	-	-		-	-		-		-
21	MHD21	-	-	-	-		-	-		-		-
22	MHD22	1	1	-	-	-	-	-		-		01
MHDC		1122	924	63	41	78	16	161	28	24	12	897

**HARMONIZATION POSITION**

<b>TYPE OF HARMONIZATION</b>	<b>NUMBER OF STANDARDS</b>
INDIAN STANDARDS UNDER DUAL NUMBER (IDENTICAL WITH ISO OR IEC STANDARDS)	[161 + 28] = 189
INDIAN STANDARDS TECHNICALLY EQUIVALENT WITH ISO OR IEC STANDARDS	[24 + 12] = 36
INDIAN STANDARDS HARMONIZED WITH EN STANDARDS/REGULATIONS/DIRECTIVES	
INDIAN STANDARDS HARMONIZED WITH STANDARDS OF OTHER BODIES (OIML)	01
<b>TOTAL</b>	<b>226</b>

## ANNEX –III

## द्वि भाषी भारतीय मानक

1. 13115:1991 सामान्य उपयोग के लिए सुवाह्य प्राथमिक उपचार किट- विशिष्ट (संशोधन सं 1 समाविष्ट) (2011 में पुनर्पुष्ट)
- IS 1315:1991 PORTABLE FIRST-AID KIT FOR GENERAL USE-SPECIFICATION (INCORPORATING AMENDMENT NO. 1) (REAFFIRMED 2011)
2. IS 14316:1995 फाहे -- छोटे, 50 की थैली में -- विशिष्ट (2010 में पुनर्पुष्ट)  
IS 14316:1995 SWABS, SMALL, IN BAG OF 50 SPECIFICATION (REAFFIRMED 2010)
3. IS 12304-1987 प्लास्टिक का जलपट्टा (2008 में पुनर्पुष्ट)  
IS 12304-1987 SPECIFICATION FOR PLASTIC CERVICAL COLLAR (REAFFIRMED 2008)
4. IS 8462-1977 निर्जर्मक, सुबाह्य, उर्ध्व दाब टाइप (2011 में पुनर्पुष्ट)  
IS 8462-1977 STERILIZERS, PORTABLE, VERTICAL PRESSURE. TYPE (REAFFIRMED 2011)
5. IS 10264-1982 अस्पतालों और औद्योगिक कैंटीनो के लिए भोजन की ट्राली (2011 में पुनर्पुष्ट)  
IS 10264-1982 TROLLEY, HOT FOOD, FOR HOSPITAL AND INDUSTRIAL CANTEENS (REAFFIRMED 2011).

**Annex-IV**  
**BUREAU OF INDIAN STANDARDS**  
**(IS Wise)**

**List of IS. No. Covered Under BIS Certification Marks Scheme under 'MHD'**  
**(For updated status about the list of licensees please visit our website: [www.bis.org.in](http://www.bis.org.in))**

1	IS 3055 : Part 1 : 1994	MHD 12	CLINICAL THERMOMETERS PART 1: SOLID STEM TYPE -	6
2	IS 3055 : Part 2 : 2004	MHD 12	CLINICAL THERMOMETERS - PART 2 : ENCLOSED SCALE TYPE -	3
3	IS 3118 : 1978	MHD 14	ELECTRIC BACTERIOLOGICAL INCUBATORS	1
4	IS 3119 : 1978	MHD 14	HOT AIR STERILIZERS	1
5	IS 3319 : 1995	MHD 1	BLADES, SURGICAL, DETACHABLE (BARD PARKER TYPE) AND	7
6	IS 3390 : 1988	MHD 13	HANDLES - SPHYGMOMANOMETERS, MERCURIAL	11
7	IS 3829 : Part 1 : 1999	MHD 14	HORIZONTAL CYLINDRICAL AND HORIZONTAL RECTANGULAR STEAM	11
			STERILIZERS, PRESSURE TYPE (FOR HOSPITAL AND PHARMACEUTICAL USE)	
8	IS 3829 : Part 2 : 1978	MHD 14	STEAM STERILIZERS - PART 2 : HORIZONTAL CYLINDRICAL HIGH	7
			SPEED STEAM STERILIZERS, PRESSURE TYPE (REDISGNATION OF IS 4510 : 1978)	
9	IS 3829 : Part 3 : 1985	MHD 14	STEAM STERILIZERS - PART 3 : PRESSURE STERILIZERS, VERTICAL	3
			CYLINDRICAL TYPE	
10	IS 3830 : 1979	MHD 14	WATER STILLs FOR PYROGEN-FREE DISTILLED WATER	2
11	IS 3831 : 1979	MHD 14	STERILIZER, SHALLOW (DRESSING DRUM)	4
12	IS 3992 : 1982	MHD 14	TRAYS, KIDNEY	2
13	IS 3993 : 1993	MHD 14	TRAYS, INSTRUMENTS -	2
14	IS 3994 : 1993	MHD 14	BOWLS, WASH -	1
15	IS 4266 : 1967	MHD 14	LOCKERS, BEDSIDE FOR HOSPITAL USE	2
16	IS 4381 : 1967	MHD 12	PATHOLOGICAL MICROSCOPE	16
17	IS 4533 : 1995	MHD 13	SUCTION APPARATUS -	1
18	IS 4605 : 1981	MHD 14	CREPE BANDAGE	3
19	IS 4787 : 1968	MHD 14	TABLE, EXAMINATION	2
20	IS 5022 : 1989	MHD 14	STERILIZERS, INSTRUMENTS (TABLE MODEL)	3
21	IS 5029 : 1979	MHD 14	BEDSTEADS, HOSPITAL, GENERAL PURPOSES	4
22	IS 5143 : 1988	MHD 10	ADJUSTABLE AXILLARY CRUTCHES	4
23	IS 5291 : 1969	MHD 14	TABLES, OPERATION, HYDRAULIC, MAJOR	2
24	IS 6106 : 1971	MHD 14	TABLES, OPERATION, HYDRAULIC, MINOR	1
25	IS 6593 : 1972	MHD 14	ELECTRIC SEROLOGICAL WATER-BATHS	1
26	IS 7454 : 1991	MHD 10	REHABILITATION EQUIPMENT - WHEELCHAIRS, FOLDING, ADULT SIZE	4
27	IS 7620 : Part 1 : 1986	MHD 19	- DIAGNOSTIC MEDICAL X-RAY EQUIPMENT - PART 1 : GENERAL AND	24
			SAFETY REQUIREMENTS	
28	IS 7652 : 1988	MHD 13	SPHYGMOMANOMETER, ANEROID TYPE	4
29	IS 8086 : 1991	MHD 10	REHABILITATION EQUIPMENT - WHEELCHAIRS, FOLDING, JUNIOR SIZE	2
30	IS 8088 : 1976	MHD 10	TRICYCLE, HAND PROPELLED	4
31	IS 8382 : 1977	MHD 13	PRESSURE REGULATORS, PRE-SET USED WITH MEDICAL GAS	1
			CYLINDERS	
32	IS 8462 : 1977	MHD 14	STERILIZER, PORTABLE, VERTICAL, PRESSURE TYPE	3

33	IS 9165 : Part 2 : 1992	MHD 1	SURGICAL INSTRUMENTS - NEEDLES, SUTURE PART 2 EYED NEEDLES - 1 SIZES, SHAPES AND DIMENSIONS	1
34	IS 9471 : Part II : 1980	MHD 10	MODULAR LOWER LIMB ORTHOTIC COMPONENTS - PART II : STIRRUPS, SPLIT	2
35	IS 9471 : Part III : 1980	MHD 10	MODULAR LOWER LIMB ORTHOTIC COMPONENTS - PART III : STIRRUP PLATES	2
36	IS 9471 : Part IV : 1980	MHD 10	MODULAR LOWER LIMB ORTHOTIC COMPONENTS - PART IV : JOINT UNIT, ANKLE	2
37	IS 9471 : Part V : 1980	MHD 10	MODULAR LOWER LIMB ORTHOTIC COMPONENTS - PART V : JOINT UNIT, KNEE	2
38	IS 9471 : Part 6 : 2000	MHD 10	MODULAR LOWER LIMB ORTHOTIC COMPONENTS - PART 6 : ORTHOTIC HIP JOINT (JOINT UNIT, HIP DROP LOCK) - MODULAR LOWER LIMB ORTHOTIC COMPONENTS - - PART 7 : ORTHOTIC JOINT BARS, ANKLE AND KNEE (UPPER AND LOWER)	2
39	IS 9471 : Part 7 : 2000	MHD 10	BRILLE SLATE	2
42	IS 11279 : 1985	MHD 10		2
41	IS 11378 : 2002	MHD 13	ANAESTHETIC MACHINES FOR USE WITH HUMANS	7
42	IS 11569 : 1986	MHD 14	CERVICAL COLLAR	2
43	IS 11646 : Part 2 : 1986	MHD 10	CANE FOR VISUALLY HANDICAPPED - PART 2 : FOLDING TYPE	2
44	IS 11708 : 1986	MHD 10	HAND, MECHANICAL	2
45	IS 12664 : Part 1 : 2003	MHD 10	ARTIFICIAL LIMBS - SACH FOOT FOR LOWER EXTREMITY PROSTHESES: PART 1 DESIGN AND DIMENSIONS	2
46	IS 14429 : 1997	MHD 10	BRILLE SHORTHAND MACHINE, -	2
47	IS 14724 : 1999	MHD 14	ULTRAVIOLET WATER DISINFECTION SYSTEM -	8
48	IS/ISO 4090 : 2001	MHD 15	PHOTOGRAPHY-MEDICAL RADIOGRAPHIC CASSETTES/SCREENS/FILMS	1
<b>TOTAL</b>				<b>183</b>

ANNEX V  
LIST OF ISO/IEC TECHNICAL COMMITTEE AND SUBCOMMITTEE RELEVANT TO MHD

ISO/TC	Title	Status	Mirror committee Of MHD
<b>TC 76</b>	<b>Transfusion, infusion and injection equipment for medical and pharmaceutical use</b>	<b>O</b>	<b>16</b>
WG2	Working group related to glass equipment	O	10
<b>TC 84</b>	<b>Devices for administration of medical product and intravascular catheters</b>	<b>P</b>	<b>16</b>
<b>TC 106</b>	<b>Dentistry</b>	<b>P</b>	<b>8</b>
SC 1	Filling and Restorative Materials	O	8
SC 2	Prosthetic Materials	O	8
SC 3	Terminology	O	8
SC 4	Dental Instruments	O	8
SC 6	Dental Equipment	O	8
SC 7	Oral Care Product	O	8
SC 8	Dental Implants	O	8
<b>TC 121</b>	<b>Anaesthetic and respiratory equipment</b>	<b>P</b>	<b>11</b>
SC 6	Medical gas systems	P	11
SC 8	Suction devices for hospital and emergency care use	O	11
<b>TC 150</b>	<b>Implants for surgery</b>	<b>P</b>	<b>2</b>
SC 1	Materials	P	2
SC 2	Cardiovascular Implants and Extracorporeal Systems	P	6
SC 3	Neurosurgical Implants	O	7
SC 4	Bone and Joints Replacements	O	2
SC 5	Osteosynthesis and spinal devices	P	2
SC 6	Active Implants	O	2, 6
<b>TC 157</b>	<b>Mechanical Contraceptives</b>	<b>P</b>	<b>3</b>
<b>TC 168</b>	<b>Prosthetics and Orthotics</b>	<b>P</b>	<b>9</b>
<b>TC 170</b>	<b>Surgical Instruments</b>	<b>P</b>	<b>1</b>
<b>TC 172</b>	<b>Optics and Optical Instruments</b>	<b>O</b>	<b>5</b>
SC7	Ophthalmic Optics and Instruments	O	5
<b>TC 173</b>	<b>Assistive Products for persons with disability</b>	<b>O</b>	<b>9</b>
SC 1	Wheelchair	O	9
SC 2	Classification and terminology	O	9
SC 3	Aids for Ostomy and incontinence	O	9
<b>TC 194</b>	<b>Biological evaluation of medical devices</b>	<b>P</b>	<b>19</b>
	Biological Testing of Medical and Dental Materials and Devices	O	08
<b>TC 198</b>	<b>Sterilization of health care products</b>	<b>O</b>	<b>12</b>
<b>TC 210</b>	<b>Quality management and corresponding general aspects for medical devices</b>	<b>P</b>	<b>14</b>
<b>TC 215</b>	<b>Health Informatics</b>	<b>P</b>	<b>17</b>

<b>TC 229/WG 3</b>	<b>Health, safety and environmental aspects of nanotechnologies</b>	<b>O</b>	<b>20</b>
<b>IEC/TC</b>			
62	Electrical equipment in medical practice	<b>P</b>	15
62 A	Common aspects of electrical equipment used in medical practice	<b>P</b>	15
62 B	Diagnostic and imaging equipment	<b>O</b>	15, 18
62 C	Equipments for radiotherapy	<b>O</b>	15, 18
62 D	Electromedical equipment	<b>P</b>	15