

BUREAU OF INDIAN STANDARDS

Program of Work

MHD 9 : Artificial Limbs, Rehabilitation Appliances and Assistive Products for Persons with Disabilities

Scope: To formulate Indian Standards for artificial limbs, prosthetic and orthotic appliances and rehabilitation equipment

Liaison: **ISO TC-173 SC-1 (P): Wheelchairs ISO TC-173 SC-2 (P): Classification and terminology ISO TC-173 SC-3 (P): Aids for ostomy and incontinence ISO TC-168 (P): Prosthetics and orthotics ISO TC-173 SC-7 (P): Assistive products for persons with impaired sensory functions ISO TC-173 (P): Assistive products**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10110 : 1982 Reviewed In : 2018	Specification for table spoon terminal device for artificial limbs	November, 2018	2	Indigenous
2	IS 10111 : 1982 Reviewed In : 2018	Specification for table fork terminal device for artificial limbs	November, 2018	2	Indigenous
3	IS 10537 : 1983 Reviewed In : 2022	Specification for ankle bolt for sach foot	January, 2022	2	Indigenous
4	IS 10538 : 1983 Reviewed In : 2022	Specification for kitchen knife terminal device for artificial limbs	January, 2022	2	Indigenous
5	IS 10539 : 1983 Reviewed In : 2022	Specification for sickle terminal device for artificial limbs	January, 2022	1	Indigenous
6	IS 10926 : 1984 Reviewed In : 2022	Specification for tweezer terminal device for artificial limbs	January, 2022	-	Indigenous
7	IS 10928 : 1984 Reviewed In : 2022	Specification for table, tilting, manual	January, 2022	-	Indigenous
8	IS 10929 : 1984 Reviewed In : 2022	Specification for hook voluntary opening terminal device for artificial limbs	January, 2022	-	Indigenous
9	IS 10976 : 1993 ISO 6440 Reviewed In : 2018 ISO 6440	Wheelchairs - Nomenclature, terms and definitions (First Revision)	November, 2018	-	Identical under dual numbering
10	IS 11242 : 1985 Reviewed In : 2021	Specification for lumbo - Sacral flexion - Extension and lateral - Flexion control brace	January, 2021	-	Indigenous
11	IS 11243 : 1985 Reviewed In : 2021	Specification for thoraco - Lumbo - Sacral flexion - Extension and lateral - Flexion control brace	January, 2021	-	Indigenous
12	IS 11279 : 1985 Reviewed In : 2021	Specification for braille slate	January, 2021	1	Indigenous
13	IS 11316 : 1985 Reviewed In : 2021	Specification for cosmetic hand, artificial limb	January, 2021	-	Indigenous
14	IS 11646 (Part 1) : 2003 Reviewed In : 2018	Cane for visually handicapped - Specification: Part 1 rigid, long and white (First Revision)	November, 2018	-	Indigenous

15	IS 11646 (Part 2) : 1986 Reviewed In : 2022	Specification for cane for visually handicapped: Part 2 folding type	January, 2022	2	Indigenous
16	IS 11647 : 1986 Reviewed In : 2022	Specification for braille paper	January, 2022	-	Indigenous
17	IS 11708 : 1986 Reviewed In : 2022	Specification for hand, mechanical	January, 2022	4	Indigenous
18	IS 12104 : 1987 Reviewed In : 2022	Specification for abacus for visually handicapped	January, 2022	-	Indigenous
19	IS 12152 : 1987 Reviewed In : 2017	Specification for pocket frame, braille writing	November, 2017	-	Indigenous
20	IS 12184 : 1987 Reviewed In : 2022	Specification for stylus for braille writing	January, 2022	1	Indigenous
21	IS 12439 : 1988 Reviewed In : 2018	Specification for signature guide for visually impaired	November, 2018	1	Indigenous
22	IS 12664 (Part 1) : 2003 Reviewed In : 2019	Artificial limbs - Sach foot for lower extremity prostheses: Part 1 design and dimensions (First Revision)	July, 2019	-	Indigenous
23	IS 12683 (Part 1) : 1989 Reviewed In : 2019	Measuring devices for visually impaired persons - Specification: Part 1 scale, general purposes	July, 2019	-	Indigenous
24	IS 12683 (Part 2) : 1989 Reviewed In : 2019	Artificial limbs - Measuring devices for visually impaired persons: Part 2 type		-	Indigenous
25	IS 12683 (Part 3) : 2000 Reviewed In : 2019	Measuring devices for visually impaired persons - Specification: Part 3 goniometer	August, 2019	-	Indigenous
26	IS 13017 : 1991 Reviewed In : 2022	Rehabilitation equipment - Walker rollator - Specification	January, 2022	-	Indigenous
27	IS 13822 : 1993 Reviewed In : 2018	Braille duplicating sheet specification	November, 2018	-	Indigenous
28	IS 13837 : 1993 Reviewed In : 2018	Braille duplicating machine specification	November, 2018	-	Indigenous
29	IS 13970 (Part 1) : 2023 ISO 8549-1:2020 ISO 8549-1:2020	Prosthetics and orthotics Vocabulary Part 1: General terms for external limb prostheses and external orthoses First Revision		-	Identical under dual numbering
30	IS 13970 (Part 2) : 2023 ISO 8549-2:2020 ISO 8549-2:2020	Prosthetics and orthotics Vocabulary Part 2: Terms relating to external limb prostheses and wearers of these prostheses First Revision		-	Identical under dual numbering
31	IS 13970 (Part 3) : 2023 ISO 8549-3: 2020 ISO 8549-3: 2020	Prosthetics and orthotics Vocabulary Part 3: Terms relating to orthoses First Revision		-	Identical under dual numbering
32	IS 14429 : 1997 Reviewed In : 2022	Braille shorthand machine - Specification	January, 2022	1	Indigenous
33	IS 14723 : 1999 Reviewed In : 2021	Artificial limbs - Knee shin assembly - Specification	January, 2021	-	Indigenous
34	IS 14879 : 2000 Reviewed In : 2021	Anterior spinal hyperextension (ASH) brace - Specification	January, 2021	1	Indigenous
35	IS 15376 (Part 1) : 2003 ISO 8670-1 Reviewed In : 2018 ISO 8670-1	Ostomy collection bags: Part 1 vocabulary	November, 2018	-	Identical under dual numbering
36	IS 15376 (Part 2) :	Ostomy collection bags: Part 2	November, 2018	-	Identical under dual

	2003 ISO 8670-2 Reviewed In : 2018 ISO 8670-2	requirements and test methods			numbering
37	IS/ISO 16021 : 2000 ISO 16021 : 2000 ISO 16021 : 2000	Urine-Absorbing Aids – Basic Principles for Evaluation of Single-Use Adult-Incontinence-Absorbing Aids from the Perspective of Users and Caregivers		-	Identical under single numbering
38	IS 17034 : 2018	Specification for jaipur foot		-	Indigenous
39	IS 17063 : 2018	Specification for rehabilitation equipment ? rough terrain active wheelchairs, folding, rider - I, adult and child size		-	Indigenous
40	IS 17154 : 2019	Battery operated motorized tricycle - Specification		-	Indigenous
41	IS 17155 : 2019	Tricycle, single hand propelled (?Right?/?Left?) (?Junior Size?) ? specification		-	Indigenous
42	IS 17157 : 2019	Multi utility tricycle ? specification		-	Indigenous
43	IS 17194 : 2019	Surgical ankle boot with broad toe (Child And Adult Size) - Specification		-	Indigenous
44	IS 18295 : 2023 ISO 23600:2007 ISO 23600:2007	Assistive products for persons with vision impairments and persons with vision and hearing impairments Acoustic and tactile signals for pedestrian traffic lights		-	Identical under dual numbering
45	IS 18296 : 2023 ISO 23599:2019 ISO 23599:2019	Assistive products for blind and vision-impaired persons Tactile walking surface indicators		-	Identical under dual numbering
46	IS 18428 (Part 1) : 2023 ISO/TR 11548-1:2001 ISO/TR 11548-1:2001	Communication aids for blind persons Identifiers names and assignation to coded character sets for 8-dot Braille characters Part 1: General guidelines for Braille identifiers and shift marks		-	Identical under dual numbering
47	IS 18428 (Part 2) : 2023 ISO TR 11548-2:2001 ISO TR 11548-2:2001	Communication aids for blind persons Identifiers names and assignation to coded character sets for 8-dot Braille characters Part 2: Latin alphabet based character sets		-	Identical under dual numbering
48	IS/ISO 21856 : 2022 ISO 21856:2022 ISO 21856:2022	Assistive products General requirements and test methods		-	Identical under dual numbering
49	IS/ISO 22523 : 2006 ISO 22523 : 2006 ISO 22523:2006	External limb prostheses and external orthoses - Requirements and test methods		-	Identical under single numbering
50	IS/ISO 22675 : 2016 11.040.40 ISO 22675:2016	Prosthetics - Testing of ankle - Foot devices and foot units - Requirements and test methods		-	Identical under single numbering
51	IS 4534 : 1980	Specification for adapter for	January, 2022	-	Indigenous

	Reviewed In : 2022	terminal devices, artificial limbs (First Revision)			
52	IS 4535 : 1968 Reviewed In : 2022	Specification for saw - Grip terminal device for artificial limbs	November, 2022	-	Indigenous
53	IS 4554 : 1968 Reviewed In : 2021	Specification for hammers terminal devices, ball pein and claw, for artificial limbs	January, 2021	-	Indigenous
54	IS 4555 : 1980 Reviewed In : 2022	Specification for biprong terminal device, draughtsman, for artificial - Limbs (First Revision)	January, 2022	-	Indigenous
55	IS 4556 : 1968 Reviewed In : 2019	Specification for typing finger terminal device for artificial limbs	January, 2019	-	Indigenous
56	IS 4567 : 1968 Reviewed In : 2021	Specification for pliers terminal device, quick - Grip, for artificial limbs	January, 2021	-	Indigenous
57	IS 4577 : 1980 Reviewed In : 2022	Specification for spade - Grip terminal device for artificial limbs (First Revision)	January, 2022	-	Indigenous
58	IS 4609 : 1980 Reviewed In : 2022	Specification for pencil - Holding device for artificial limbs (First Revision)	January, 2022	-	Indigenous
59	IS 4675 : 1968 Reviewed In : 2021	Specification for light split - Hook device for artificial limbs	January, 2021	-	Indigenous
60	IS 4677 : 1968 Reviewed In : 2021	Specification for steering appliance for artificial limbs	January, 2021	-	Indigenous
61	IS 5015 : 1969 Reviewed In : 2022	Specification for knife - Terminal device for artificial limbs	January, 2022	-	Indigenous
62	IS 5143 : 1988 Reviewed In : 2018	Specification for adjustable axillary crutches (Second Revision)	November, 2018	3	Indigenous
63	IS 5144 : 1980 Reviewed In : 2022	Specification for metal forearm crutches (Canadian Pattern) (First Revision)	January, 2022	2	Indigenous
64	IS 5145 : 1969 Reviewed In : 2022	Specification for walking sticks	January, 2022	-	Indigenous
65	IS 5150 : 1969 Reviewed In : 2022	Specification for rubber tips for crutches and walking sticks	January, 2022	1	Indigenous
66	IS 5586 : 1970 Reviewed In : 2022	Specification for metal component for sectional forearm	January, 2022	-	Indigenous
67	IS 5594 : 1983 Reviewed In : 2022	Specification for wrist unit, rotary, for hand prosthesis (First Revision)	January, 2022	2	Indigenous
68	IS 5603 : 1983 Reviewed In : 2022	Specification for mechanical elbow joint (First Revision)	January, 2022	2	Indigenous
69	IS 5607 : 1970 Reviewed In : 2021	Specification for semi - Automatic elbow joint	November, 2021	-	Indigenous
70	IS 5665 : 1982 Reviewed In : 2017	Specification for shoulder wheel (First Revision)	November, 2017	-	Indigenous
71	IS 5745 : 1986 Reviewed In : 2022	Specification for heel socket and plate for orthosis (First Revision)	January, 2022	-	Indigenous
72	IS 5796 : 1970 Reviewed In : 2022	Specification for disc type weight set for physio - Therapy exercisers other than pulley arrangements	January, 2022	1	Indigenous
73	IS 5809 : 1986 Reviewed In : 2022	Specification for ankle joint for orthosis (First Revision)	January, 2022	-	Indigenous
74	IS 5810 : 1986 Reviewed In : 2022	Specification for knee joint with lock for orthosis (First Revision)	January, 2022	-	Indigenous
75	IS 5827 : 1982 Reviewed In : 2018	Specification for paraffin wax bath (First Revision)	November, 2018	-	Indigenous
76	IS 5956 : 1986 Reviewed In : 2022	Specification for hip joint with lock for orthosis (First Revision)	January, 2022	-	Indigenous

77	IS 5963 : 1971 Reviewed In : 2022	Specification for knee joint without lock for steel orthopaedic calipers	November, 2022	-	Indigenous
78	IS 5964 : 1971 Reviewed In : 2022	Specification for round spur for orthopaedic calipers	November, 2022	-	Indigenous
79	IS 6069 : 1971 Reviewed In : 2022	Specification for sliding seat exerciser	November, 2022	-	Indigenous
80	IS 6099 : 1991 Reviewed In : 2021	Rehabilitation equipment - Invalid walkers with crutches - Specification (Second Revision)	January, 2021	1	Indigenous
81	IS 6205 : 1982 Reviewed In : 2018	Specification for stationary cycle exerciser for adults (First Revision)	November, 2018	-	Indigenous
82	IS 6221 : 1971 Reviewed In : 2022	Specification for pelvic band for steel orthopaedic calipers and braces	November, 2022	3	Indigenous
83	IS 6222 : 1971 Reviewed In : 2022	Specification for thigh band for orthopaedic calipers and braces	November, 2022	2	Indigenous
84	IS 6223 : 1971 Reviewed In : 2022	Specification for calf band for orthopaedic calipers and braces	November, 2022	2	Indigenous
85	IS 6224 : 1980 Reviewed In : 2022	Specification for tuber band for orthopaedic calipers and braces	November, 2022	2	Indigenous
86	IS 6275 : 1971 Reviewed In : 2022	Specification for lower extremity full length brace with joints with locks	November, 2022	-	Indigenous
87	IS 6302 : 1971 Reviewed In : 2022	Specification for whirlpool bath	January, 2022	1	Indigenous
88	IS 6414 : 1972 Reviewed In : 2022	Specification for parallel walking bars, adult and child sizes, for the handicapped	January, 2022	-	Indigenous
89	IS 6571 : 1991 Reviewed In : 2022	Rehabilitation equipment - Wheelchairs, non - Folding, adult size, institutional model - Specification (First Revision)	January, 2022	3	Indigenous
90	IS 6624 : 1972 Reviewed In : 2022	Specification for basic hand splint, palmar arch support	January, 2022	1	Indigenous
91	IS 6625 : 1972 Reviewed In : 2022	Specification for basic hand splint component	January, 2022	-	Indigenous
92	IS 6626 : 1972 Reviewed In : 2022	Specification for basic hand splint, forearm piece	January, 2022	-	Indigenous
93	IS 6781 : 1972 Reviewed In : 2022	Specification for staple ankle joint	January, 2022	-	Indigenous
94	IS 6802 : 1986 Reviewed In : 2022	Specification for prosthetic hip joint (First Revision)	January, 2022	-	Indigenous
95	IS 6809 : 1990 Reviewed In : 2021	Rehabilitation equipment - Fixed height walking frame - Specification (First Revision)	January, 2021	-	Indigenous
96	IS 6810 : 1990 Reviewed In : 2021	Rehabilitation equipment - Metal tripod and tetrapod sticks - Specification (First Revision)	January, 2021	-	Indigenous
97	IS 6812 : 2003 Reviewed In : 2018	Knee joint, uniaxial for below knee prostheses - Specification (Second Revision)	November, 2018	-	Indigenous
98	IS 6979 : 1973 Reviewed In : 2022	Specification for cerebral palsy chair, tubular, institutional model	January, 2022	1	Indigenous
99	IS 6992 : 1982 Reviewed In : 2018	Specification for cerebral palsy chair, domestic model (First Revision)	November, 2018	-	Indigenous
100	IS 6993 : 1973 Reviewed In : 2021	Specification for pan knee joint	January, 2021	1	Indigenous

101	IS 6995 : 1973 Reviewed In : 2018	Specification for cruciform below - Knee joint	November, 2018	-	Indigenous
102	IS/ISO 7176-26 : 2007 ISO 7176-26 : 2007 ISO 7176-26 : 2007	Wheelchairs: Part 26 vocabulary		-	Identical under single numbering
103	IS 7373 : 2003 Reviewed In : 2018	Hip disarticulation joint unit for lower limb prosthetic fitments - Specification (Second Revision)	November, 2018	-	Indigenous
104	IS 7419 : 1983 Reviewed In : 2021	Requirements for stairs for physical rehabilitation (First Revision)	January, 2021	-	Indigenous
105	IS 7454 : 1991 Reviewed In : 2022	Rehabilitation equipment - Wheelchairs, folding, adult size - Specification (First Revision)	January, 2022	6	Indigenous
106	IS 7924 : 1976 Reviewed In : 2017	Specification for thigh blocks, wooden	November, 2017	2	Indigenous
107	IS 8086 : 1991 Reviewed In : 2022	Rehabilitation equipment - Wheelchairs, folding, junior size - Specification (First Revision)	January, 2022	4	Indigenous
108	IS 8088 : 2019	Tricycle, hand propelled ? specification (First Revision)	-	-	Indigenous
109	IS 8492 : 1985 Reviewed In : 2022	Specification for ankle blocks, wooden (First Revision)	November, 2022	2	Indigenous
110	IS 8511 : 1985 Reviewed In : 2021	Specification for valves for suction socket for artificial limbs (First Revision)	January, 2021	-	Indigenous
111	IS/ISO 8669-2 : 1996 ISO 8669-2 : 1996 ISO 8669-2:1996	Urine Collection Bags Part 2 Requirements and Test Methods		-	Identical under single numbering
112	IS 8798 : 1978 Reviewed In : 2022	Specification for wheel, multipurpose	November, 2022	-	Indigenous
113	IS 9471 (Part 1) : 1980 Reviewed In : 2017	Specification for modular lower limb orthotic components: Part 1 stirrups	November, 2017	1	Indigenous
114	IS 9471 (Part 2) : 1980 Reviewed In : 2017	Specification for modular lower limb orthotic components: Part 2 stirrups, split	November, 2017	1	Indigenous
115	IS 9471 (Part 3) : 1980 Reviewed In : 2017	Specification for modular lower limb orthotic components: Part 3 stirrup plates	November, 2017	3	Indigenous
116	IS 9471 (Part 4) : 1980 Reviewed In : 2017	Specification for modular lower limb orthotic components: Part 4 joint unit, ankle	November, 2017	3	Indigenous
117	IS 9471 (Part 5) : 1980 Reviewed In : 2017	Specification for modular lower limb orthotic components: Part 5 joint unit, knee	November, 2017	3	Indigenous
118	IS 9471 (Part 5/Sec 2) : 2019	Specification for modular lower limb orthotic components: Part 5 joint unit section 2 standard knee		-	Indigenous
119	IS 9471 (Part 6) : 2000 Reviewed In : 2017	Modular lower limb orthotic components part 6 orthotic hip joint (Joint Unit, Hip Drop Lock) - Specification	November, 2017	1	Indigenous
120	IS 9471 (Part 7) : 2000	Modular lower limb orthotic components - Specification: Part 7	January, 2021	-	Indigenous

	Reviewed In : 2021	orthotic joint bars, ankle and knee (Upper And Lower)			
121	IS 9797 : 1981 Reviewed In : 2022	Specification for cycle, fret - Saw	November, 2022	-	Indigenous

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	MHD 9 (25853) Revision of: IS 8088:2019	Tricycle Hand Propelled Specification Second revision

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	MHD 9 (25566)	Wheelchairs Part 14 Power and control systems for electrically powered wheelchairs and scooters - Requirements and test methods
2	MHD 9 (25567)	Wheelchairs Part 21 Requirements and test methods for electromagnetic compatibility of electrically powered wheelchairs and scooters and battery chargers
3	MHD 9 (25568)	Wheelchairs Part 22 Set-up procedures
4	MHD 9 (25569)	Wheelchairs Part 25 Lead-acid batteries and chargers for powered wheelchairs Requirements and test methods
5	MHD 9 (25570)	Wheelchairs Part 28 Requirements and test methods for stair-climbing devices
6	MHD 9 (25571)	Wheelchairs Part 30 Wheelchairs for changing occupant posture Test methods and requirements
7	MHD 9 (25795)	Accessible Design Application of Braille on Signage Equipment and Appliances
8	MHD 9 (25796)	Accessible design Information contents figuration and display methods of tactile guide maps
9	MHD 9 (25801) Revision of: IS 8088:2019	Cane for Visually Handicapped Specification Part 1 Rigid Long and White Second revision
10	MHD 9 (25802) Revision of: IS 8088:2019	Specification for Braille Paper First Revision
11	MHD 9 (25805) Revision of: IS 8088:2019	Cane For Visually Handicapped Specification Part 2 Folding Type First Revision
12	MHD 9 (25806) Revision of: IS 8088:2019	Specification for Modular lower limb Orthotic Components Part 1 Stirrups First revision
13	MHD 9 (25807) Revision of: IS 8088:2019	Specification for Modular Lower Limb Orthotic Components Part 2 Stirrups Split First Revision
14	MHD 9 (25808) Revision of: IS 8088:2019	Specification for Walking Sticks first revision
15	MHD 9 (25809) Revision of: IS 8088:2019	Tricycle Single Hand Propelled RightLeft Junior Size Specification
16	MHD 9 (25825) Revision of: IS 8088:2019	Specification for Rehabilitation Equipment Rough Terrain Active Wheelchairs Folding Rider-I Adult and Child Size First revision of IS 17063 2018

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
		Specification for Modular Lower Limb Orthotic Components Part 4 Joint Unit Ankle First

1	MHD 9 (23892) Revision of: IS 9471:1980	Revision
2	MHD 9 (23909) Revision of: IS 8086:1991	Rehabilitation Equipment Wheelchairs Folding Junior Size Specification Second Revision
3	MHD 9 (23937) Revision of: IS 17154:2019	Battery Operated Motorized Tricycle Specification First Revision
4	MHD 9 (24496)	Assistive products for personal hygiene that support users Requirements and test methods

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	MHD 9 (23481)	Assistive products for walking manipulated by one arm Requirements and test methods Part 1 Elbow crutches
2	MHD 9 (23482)	Assistive products Classification and terminology
3	MHD 9 (23490)	Walking aids manipulated by one arm Requirements and test methods Part 4 Walking sticks with three or more legs
4	MHD 9 (23631)	Tips for assistive products for walking Requirements and test methods Part 1 Friction of tips
5	MHD 9 (23637)	Tips for assistive products for walking Requirements and test methods Part 2 Durability of tips for crutches
6	MHD 9 (23891) Revision of: IS 9471:1980	Modular Lower Limb Orthotic Components Specification Part 3 Stirrup Plates First Revision
7	MHD 9 (23898) Revision of: IS 9471:2000	Modular Lower Limb Orthotic Components Specification Part 7 Orthotic Joint Bars Ankle and Knee Upper and Lower First Revision
8	MHD 9 (23910) Revision of: IS 9471:2000	Modular Lower Limb Orthotic Components Specification Part 6 Orthotic Hip Joint Joint Unit Hip Drop Lock First Revision
9	MHD 9 (23913) Revision of: IS 5143:1988	Adjustable Axillary Crutches Specification Third Revision
10	MHD 9 (23915) Revision of: IS 7454:1991	Rehabilitation Equipment Wheelchairs Folding Adult Size Specification Second Revision
11	MHD 9 (23942) Revision of: IS 11279:1985	Braille Slate Specification First Revision
12	MHD 9 (24105)	Assistive products for walking manipulated by both arms Requirements and test methods Part 1 Walking frames
13	MHD 9 (24106)	Assistive products for walking manipulated by both arms Requirements and test methods Part 2 Rollators
14	MHD 9 (24107)	Walking aids manipulated by both arms Requirements and test methods Part 3 Walking tables
15	MHD 9 (24109)	Assistive products - Hoists for the transfer of persons - Requirements and test methods
16	MHD 9 (24149)	Wheelchairs Part 1 Determination of static stability
17	MHD 9 (24150)	Wheelchairs Part 2 Determination of dynamic stability of electrically powered wheelchairs
18	MHD 9 (24151)	Wheelchairs Part 3 Determination of effectiveness of brakes
19	MHD 9 (24152)	Wheelchairs Part 4 Energy consumption of electric wheelchairs and scooters for determination of theoretical distance range
20	MHD 9 (24153)	Wheelchairs Part 5 Determination of dimensions mass and manoeuvring space
21	MHD 9 (24154)	Wheelchairs Part 6 Determination of maximum speed of electrically powered wheelchairs
22	MHD 9 (24155)	Wheelchairs Part 7 Measurement of seating and wheel dimensions
23	MHD 9 (24156)	Wheelchairs Part 8 Requirements and test methods for static impact and fatigue strengths
24	MHD 9 (24157)	Wheelchairs Part 9 Climatic tests for electric wheelchairs
25	MHD 9 (24158)	Wheelchairs Part 10 Determination of obstacle-climbing ability of electrically powered wheelchairs
26	MHD 9 (24159)	Wheelchairs Part 11 Test dummies
27	MHD 9 (24160)	Wheelchairs Part 13 Determination of coefficient of friction of test surfaces
28	MHD 9 (24162)	Wheelchairs Part 15 Requirements for information disclosure documentation and labelling
29	MHD 9 (24163)	Wheelchairs Part 19 Wheelchairs for use as seats in motor vehicles
30	MHD 9 (24495)	Prosthetics Structural testing of lower-limb prostheses Requirements and test methods
31	MHD 9 (24497)	Accessible design Auditory guiding signals in public facilities

Total Published Standards:118 Total Standards Under development:52

Aspect Wise Report

Product : 109
 Code of Practices : 2
 Methods of Test : 1
 Terminology : 6
 Dimensions : 0
 System Standard : 0
 Safety Standard : 0
 Others : 2
 Service Specification : 0
 Process Specification : 0
 Unclassified : 1

Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.	IS No. & Year	Title
1	IS 13889 : 1993 ISO 7930 Reviewed In : 2014	Wheelchairs - Type Classification Based on Appearance Characteristics

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 10110 : 1982 Reviewed In : 2018	Specification for table spoon terminal device for artificial limbs
2	IS 10111 : 1982 Reviewed In : 2018	Specification for table fork terminal device for artificial limbs
3	IS 10537 : 1983 Reviewed In : 2022	Specification for ankle bolt for each foot
4	IS 10538 : 1983 Reviewed In : 2022	Specification for kitchen knife terminal device for artificial limbs
5	IS 10539 : 1983 Reviewed In : 2022	Specification for sickle terminal device for artificial limbs
6	IS 10926 : 1984 Reviewed In : 2022	Specification for tweezer terminal device for artificial limbs
7	IS 10928 : 1984 Reviewed In : 2022	Specification for table tilting manual
8	IS 10929 : 1984 Reviewed In : 2022	Specification for hook voluntary opening terminal device for artificial limbs
9	IS 11242 : 1985 Reviewed In : 2021	Specification for lumbo - Sacral flexion - Extension and lateral - Flexion control brace
10	IS 11243 : 1985 Reviewed In : 2021	Specification for thoraco - Lumbo - Sacral flexion - Extension and lateral - Flexion control brace
11	IS 11279 : 1985 Reviewed In : 2021	Specification for braille slate
12	IS 11316 : 1985 Reviewed In : 2021	Specification for cosmetic hand artificial limb
13	IS 11646 (Part 1) : 2003 Reviewed In : 2018	Cane for visually handicapped - Specification Part 1 rigid long and white First Revision
14	IS 11646 (Part 2) : 1986 Reviewed In : 2022	Specification for cane for visually handicapped Part 2 folding type
15	IS 11647 : 1986 Reviewed In : 2022	Specification for braille paper
16	IS 11708 : 1986 Reviewed In : 2022	Specification for hand mechanical
17	IS 12104 : 1987 Reviewed In : 2022	Specification for abacus for visually handicapped
18	IS 12152 : 1987	Specification for pocket frame braille writing

	Reviewed In : 2017	
19	IS 12184 : 1987 Reviewed In : 2022	Specification for stylus for braille writing
20	IS 12439 : 1988 Reviewed In : 2018	Specification for signature guide for visually impaired
21	IS 12664 (Part 1) : 2003 Reviewed In : 2019	Artificial limbs - Sach foot for lower extremity prostheses Part 1 design and dimensions First Revision
22	IS 12683 (Part 1) : 1989 Reviewed In : 2019	Measuring devices for visually impaired persons - Specification Part 1 scale general purposes
23	IS 12683 (Part 2) : 1989 Reviewed In : 2019	Artificial limbs - Measuring devices for visually impaired persons Part 2 type
24	IS 12683 (Part 3) : 2000 Reviewed In : 2019	Measuring devices for visually impaired persons - Specification Part 3 goniometer
25	IS 13017 : 1991 Reviewed In : 2022	Rehabilitation equipment - Walker rollator - Specification
26	IS 13822 : 1993 Reviewed In : 2018	Braille duplicating sheet specification
27	IS 13837 : 1993 Reviewed In : 2018	Braille duplicating machine specification
28	IS 14429 : 1997 Reviewed In : 2022	Braille shorthand machine - Specification
29	IS 14723 : 1999 Reviewed In : 2021	Artificial limbs - Knee shin assembly - Specification
30	IS 14879 : 2000 Reviewed In : 2021	Anterior spinal hyperextension ASH brace - Specification
31	IS 17034 : 2018	Specification for jaipur foot
32	IS 17063 : 2018	Specification for rehabilitation equipment rough terrain active wheelchairs folding rider - I adult and child size
33	IS 17154 : 2019	Battery operated motorized tricycle - Specification
34	IS 17155 : 2019	Tricycle single hand propelled Right Left Junior Size specification
35	IS 17194 : 2019	Surgical ankle boot with broad toe Child And Adult Size - Specification
36	IS 18295 : 2023 ISO 23600:2007	Assistive products for persons with vision impairments and persons with vision and hearing impairments Acoustic and tactile signals for pedestrian traffic lights
37	IS 18296 : 2023 ISO 23599:2019	Assistive products for blind and vision-impaired persons Tactile walking surface indicators
38	IS/ISO 22523 : 2006 ISO 22523 : 2006 ISO 22523:2006	External limb prostheses and external orthoses - Requirements and test methods
39	IS/ISO 22675 : 2016 11.040.40 ISO 22675:2016	Prosthetics - Testing of ankle - Foot devices and foot units - Requirements and test methods
40	IS 4534 : 1980 Reviewed In : 2022	Specification for adapter for terminal devices artificial limbs First Revision
41	IS 4535 : 1968 Reviewed In : 2022	Specification for saw - Grip terminal device for artificial limbs
42	IS 4554 : 1968 Reviewed In : 2021	Specification for hammers terminal devices ball pein and claw for artificial limbs
43	IS 4555 : 1980	Specification for biprong terminal device draughtsman for artificial - Limbs First Revision

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45	IS 4567 : 1968 Reviewed In : 2021	Specification for pliers terminal device quick - Grip for artificial limbs
46	IS 4577 : 1980 Reviewed In : 2022	Specification for spade - Grip terminal device for artificial limbs First Revision
47	IS 4609 : 1980 Reviewed In : 2022	Specification for pencil - Holding device for artificial limbs First Revision
48	IS 4675 : 1968 Reviewed In : 2021	Specification for light split - Hook device for artificial limbs
49	IS 4677 : 1968 Reviewed In : 2021	Specification for steering appliance for artificial limbs
50	IS 5015 : 1969 Reviewed In : 2022	Specification for knife - Terminal device for artificial limbs
51	IS 5143 : 1988 Reviewed In : 2018	Specification for adjustable axillary crutches Second Revision
52	IS 5144 : 1980 Reviewed In : 2022	Specification for metal forearm crutches Canadian Pattern First Revision
53	IS 5145 : 1969 Reviewed In : 2022	Specification for walking sticks
54	IS 5150 : 1969 Reviewed In : 2022	Specification for rubber tips for crutches and walking sticks
55	IS 5586 : 1970 Reviewed In : 2022	Specification for metal component for sectional forearm
56	IS 5594 : 1983 Reviewed In : 2022	Specification for wrist unit rotary for hand prosthesis First Revision
57	IS 5603 : 1983 Reviewed In : 2022	Specification for mechanical elbow joint First Revision
58	IS 5607 : 1970 Reviewed In : 2021	Specification for semi - Automatic elbow joint
59	IS 5665 : 1982 Reviewed In : 2017	Specification for shoulder wheel First Revision
60	IS 5745 : 1986 Reviewed In : 2022	Specification for heel socket and plate for orthosis First Revision
61	IS 5796 : 1970 Reviewed In : 2022	Specification for disc type weight set for physio - Therapy exercisers other than pulley arrangements
62	IS 5809 : 1986 Reviewed In : 2022	Specification for ankle joint for orthosis First Revision
63	IS 5810 : 1986 Reviewed In : 2022	Specification for knee joint with lock for orthosis First Revision
64	IS 5827 : 1982 Reviewed In : 2018	Specification for paraffin wax bath First Revision
65	IS 5956 : 1986 Reviewed In : 2022	Specification for hip joint with lock for orthosis First Revision
66	IS 5963 : 1971 Reviewed In : 2022	Specification for knee joint without lock for steel orthopaedic calipers
67	IS 5964 : 1971 Reviewed In : 2022	Specification for round spur for orthopaedic calipers
68	IS 6069 : 1971 Reviewed In : 2022	Specification for sliding seat exerciser
69	IS 6099 : 1991 Reviewed In : 2021	Rehabilitation equipment - Invalid walkers with crutches - Specification Second Revision
70	IS 6205 : 1982 Reviewed In : 2018	Specification for stationary cycle exerciser for adults First Revision
71	IS 6221 : 1971 Reviewed In : 2022	Specification for pelvic band for steel orthopaedic calipers and braces
72	IS 6222 : 1971 Reviewed In : 2022	Specification for thigh band for orthopaedic calipers and braces

73	IS 6223 : 1971 Reviewed In : 2022	Specification for calf band for orthopaedic calipers and braces
74	IS 6224 : 1980 Reviewed In : 2022	Specification for tuber band for orthopaedic calipers and braces
75	IS 6275 : 1971 Reviewed In : 2022	Specification for lower extremity full length brace with joints with locks
76	IS 6302 : 1971 Reviewed In : 2022	Specification for whirlpool bath
77	IS 6414 : 1972 Reviewed In : 2022	Specification for parallel walking bars adult and child sizes for the handicapped
78	IS 6571 : 1991 Reviewed In : 2022	Rehabilitation equipment - Wheelchairs non - Folding adult size institutional model - Specification First Revision
79	IS 6624 : 1972 Reviewed In : 2022	Specification for basic hand splint palmar arch support
80	IS 6625 : 1972 Reviewed In : 2022	Specification for basic hand splint component
81	IS 6626 : 1972 Reviewed In : 2022	Specification for basic hand splint forearm piece
82	IS 6781 : 1972 Reviewed In : 2022	Specification for staple ankle joint
83	IS 6802 : 1986 Reviewed In : 2022	Specification for prosthetic hip joint First Revision
84	IS 6809 : 1990 Reviewed In : 2021	Rehabilitation equipment - Fixed height walking frame - Specification First Revision
85	IS 6810 : 1990 Reviewed In : 2021	Rehabilitation equipment - Metal tripod and tetrapod sticks - Specification First Revision
86	IS 6812 : 2003 Reviewed In : 2018	Knee joint uniaxial for below knee prostheses - Specification Second Revision
87	IS 6979 : 1973 Reviewed In : 2022	Specification for cerebral palsy chair institutional model
88	IS 6992 : 1982 Reviewed In : 2018	Specification for cerebral palsy chair domestic model First Revision
89	IS 6993 : 1973 Reviewed In : 2021	Specification for pan knee joint
90	IS 6995 : 1973 Reviewed In : 2018	Specification for cruciform below - Knee joint
91	IS 7373 : 2003 Reviewed In : 2018	Hip disarticulation joint unit for lower limb prosthetic fitments - Specification Second Revision
92	IS 7419 : 1983 Reviewed In : 2021	Requirements for stairs for physical rehabilitation First Revision
93	IS 7454 : 1991 Reviewed In : 2022	Rehabilitation equipment - Wheelchairs folding adult size - Specification First Revision
94	IS 7924 : 1976 Reviewed In : 2017	Specification for thigh blocks wooden
95	IS 8086 : 1991 Reviewed In : 2022	Rehabilitation equipment - Wheelchairs folding junior size - Specification First Revision
96	IS 8088 : 2019	Tricycle hand propelled specification First Revision
97	IS 8492 : 1985 Reviewed In : 2022	Specification for ankle blocks wooden First Revision
98	IS 8511 : 1985 Reviewed In : 2021	Specification for valves for suction socket for artificial limbs First Revision
99	IS/ISO 8669-2 : 1996 ISO 8669-2 : 1996 ISO 8669-2:1996	Urine Collection Bags Part 2 Requirements and Test Methods
100	IS 8798 : 1978 Reviewed In : 2022	Specification for wheel multipurpose
101	IS 9471 (Part 1) : 1980	Specification for modular lower limb orthotic components Part 1 stirrups

	Reviewed In : 2017	
102	IS 9471 (Part 2) : 1980 Reviewed In : 2017	Specification for modular lower limb orthotic components Part 2 stirrups split
103	IS 9471 (Part 3) : 1980 Reviewed In : 2017	Specification for modular lower limb orthotic components Part 3 stirrup plates
104	IS 9471 (Part 4) : 1980 Reviewed In : 2017	Specification for modular lower limb orthotic components Part 4 joint unit ankle
105	IS 9471 (Part 5) : 1980 Reviewed In : 2017	Specification for modular lower limb orthotic components Part 5 joint unit knee
106	IS 9471 (Part 5/Sec 2) : 2019	Specification for modular lower limb orthotic components Part 5 joint unit section 2 standard knee
107	IS 9471 (Part 6) : 2000 Reviewed In : 2017	Modular lower limb orthotic components part 6 orthotic hip joint Joint Unit Hip Drop Lock - Specification
108	IS 9471 (Part 7) : 2000 Reviewed In : 2021	Modular lower limb orthotic components - Specification Part 7 orthotic joint bars ankle and knee Upper And Lower
109	IS 9797 : 1981 Reviewed In : 2022	Specification for cycle fret - Saw