

BUREAU OF INDIAN STANDARDS

Program of Work

PGD 22 : Educational Instruments And Equipment

Scope: (a) Formulation of standards for instruments and equipment for school and college Laboratories. (b) Formulation of standards for surveying instruments, drawing instruments; Optical instruments (excluding medico - optical instruments) and their components and materials.

Liaison:

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10695 : 1983 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for pocket stereoscope	March, 2019	-	Indigenous
2	IS 10995 : 1984 Reviewed In : 2021	Specification for tuning fork	March, 2021	-	Indigenous
3	IS 10996 : 1984 Reviewed In : 2021	Specification For Stop Clock With Fly-Back Action	March, 2021	1	Indigenous
4	IS 11152 : 1984 Reviewed In : 2021	Specification for laboratory stands (Metallic)	March, 2021	-	Indigenous
5	IS 11445 : 1985 Reviewed In : 2021 ISO 11554: 2006	Specification for parallax bar (Stereometer)	March, 2021	-	Identical under dual numbering
6	IS 11781 : 1986 Reviewed In : 2021	Specification for stencil templates and pen tips for english lettering	March, 2021	-	Indigenous
7	IS 11961 : 1986 Reviewed In : 2021	Specification for 4 - Metre levelling staff (Telescopic)	March, 2021	-	Indigenous
8	IS 12353 : 1988 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for stencil templates for geometrical figures	March, 2019	-	Indigenous
9	IS 12397 : 1988 Reviewed In : 2021	Specification for metallic dissectiong trays	March, 2021	-	Indigenous
10	IS B12397 : 1988 Reviewed In : 2021	Specification for metallic dissecting trays	March, 2021	-	Indigenous
11	IS 12399 : 1988 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for tripod stands	March, 2019	-	Indigenous
12	IS 12428 : 1988 Reviewed In : 2019 Reaffirmed but not	Specification for scribing tools	March, 2019	-	Indigenous

	taken up for revision				
13	IS 1360 : 2023	ENGINEERS PATTERN TEE SQUARES $\frac{1}{2}$ SPECIFICATION		-	Indigenous
14	IS 14253 : 1995 Reviewed In : 2021	Educational instruments and equipment - Wire gauze for school and laboratory use - Specification	March, 2021	-	Indigenous
15	IS 14260 : 1995 ISO 9385 Reviewed In : 2023 ISO 9385	Glass and glass - Ceramics - Knoop hardness test	June, 2023	-	Identical under dual numbering
16	IS 1444 : 1989 Reviewed In : 2021	Engineers Pattern Drawing Boards - Specification (Second Revision)	March, 2021	-	Indigenous
17	IS 14440 : 1997 Reviewed In : 2019 Reaffirmed but not taken up for revision	Drawing Instruments - Tubular Tips For Hand Held Technical Pens Using India Ink On Tracing Paper - Specification	March, 2019	-	Indigenous
18	IS 14633 : 1999 Reviewed In : 2019 Reaffirmed but not taken up for revision	Blackboards for class rooms - Specification	March, 2019	-	Indigenous
19	IS 1480 : 1970 Reviewed In : 2021	Specification metric scales for general purposes (First Revision)	March, 2021	2	Indigenous
20	IS 1481 : 1970 Reviewed In : 2019	Specification for metric steel scales for engineers (First Revision)	March, 2019	2	Indigenous
21	IS 1481 : 2024	Metric Steel Scales For Engineers -- Specification (Second Revision)		-	Indigenous
22	IS 14859 : 2000 Reviewed In : 2021	Specification for hindi (Devnagri) stencil templates and pen tips	March, 2021	-	Indigenous
23	IS 1491 : 2023	METRIC SCALES FOR ARCHITECTURAL PURPOSES -- SPECIFICATION		-	Indigenous
24	IS 1492 : 1970 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for metric surveying chains (First Revision)	March, 2019	2	Indigenous
25	IS 15084 : 2002 Reviewed In : 2022	Spring balance - Tension type (For Use In Schools) - Specification	October, 2022	-	Indigenous
26	IS 15085 : 2001 Reviewed In : 2022	Decimeter cube (For Use In Schools) - Specification	October, 2022	-	Indigenous
27	IS 15085 : 2001 Reviewed In : 2022	Decimeter Cubes for Use in Schools	October, 2022	-	
28	IS 15197 : 2002 Reviewed In : 2022	Kerosene heating lamp for use in school and college laboratories - Specification	October, 2022	-	Indigenous
29	IS 15242 : 2002 Reviewed In : 2022	Magnets (For Use In Schools And Colleges) - Specification	October, 2022	-	Indigenous
30	IS 15242 : 2002 Reviewed In : 2022	Magnets (for Use In Schools And--Colleges) â€™ Specification	October, 2022	-	
31	IS 1561 : 2023	Set Squares for Use of Drawing Offices $\frac{1}{2}$ Specification		-	Indigenous
32	IS 1562 : 2023	METRIC DIAGONAL SCALES (CARTOGRAPHERS SURVEYORS AND ENGINEERS) $\frac{1}{2}$ SPECIFICATION		-	Indigenous

33	IS 1563 : 2023	Protractors for Use of Drawing offices i _c /2 Specification		-	Indigenous
34	IS 16506 (Part 2) : 2021 ISO 9211-2:2010 ISO 9211-2:2010	Optics and photonics Optical coatings Part 2 : Optical Properties (Adoption of ISO 9211 - 2:2010)		-	Identical under dual numbering
35	IS 1764 : 1961 Reviewed In : 2021	Specification for trough compass	March, 2021	-	Indigenous
36	IS 1779 : 1961 Reviewed In : 2021	Specification for 4 - Metre, levelling staff, folding type	March, 2021	-	Indigenous
37	IS 1842 : 1961 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for surveying chain pins (Arrows)	March, 2021	-	Indigenous
38	IS 1955 : 1961 Reviewed In : 2021	Specification for prismatic compass, liquid	March, 2021	-	Indigenous
39	IS 1957 : 1961 Reviewed In : 2021	Specification for prismatic compasses, non - Liquid	March, 2021	1	Indigenous
40	IS 2233 : 1962 Reviewed In : 2021	Specification for straightedges for drawing office use	March, 2021	-	Indigenous
41	IS 2233 : 2023	Straightedges for Drawing Office Use i _c /2 Specification		-	Indigenous
42	IS 2288 : 1963 Reviewed In : 2021	Specification for ranging rods	March, 2021	-	Indigenous
43	IS 2466 : 1963 Reviewed In : 2021	Specification for beam compasses	March, 2021	-	Indigenous
44	IS 2533 : 1978 Reviewed In : 2022	Specification for geometry boxes (First Revision)	October, 2022	3	Indigenous
45	IS 2539 : 1963 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for plane tables	March, 2021	1	Indigenous
46	IS 2988 : 1995 Reviewed In : 2021	Vernier theodolite - Specification (First Revision)	March, 2021	-	Indigenous
47	IS 3081 : 1994 Reviewed In : 2019 Reaffirmed but not taken up for revision ISO 8038	Microscopes - General purposes - Dimensions and marking (First Revision)	March, 2019	-	Not Equivalent
48	IS 3099 (Part 12) : 1992 Reviewed In : 2019 Reaffirmed but not taken up for revision ISO 8255-1	Microscopes - Slips and slides specification: Part 1 microscope slips: Part 2 microscope slides (First Revision)	March, 2019	4	Not Equivalent
49	IS 3206 : 1989 Reviewed In : 2019 Reaffirmed but not taken up for revision	Engineers Drawing Instruments - Dividers - Specification (First Revision)	March, 2019	-	Indigenous
50	IS 3207 : 1989 Reviewed In : 2019 Reaffirmed but not taken up for revision	Engineers' Drawing Instruments - Rotating Compasses	March, 2019	-	Indigenous
51	IS 3208 : 1989 Reviewed In : 2019	Engineers drawing instruments - Half set of compasses -	March, 2019	-	Indigenous

	Reaffirmed but not taken up for revision	Specification (First Revision)			
52	IS 3209 : 1989 Reviewed In : 2019 Reaffirmed but not taken up for revision	Engineers Drawing Instruments - Spring Bow Compasses - Specification (First Revision)	March, 2019	-	Indigenous
53	IS 3210 : 1989 Reviewed In : 2019 Reaffirmed but not taken up for revision	Engineers' Drawing Instruments - Drawing Pens	March, 2019	-	Indigenous
54	IS 3211 : 1991 Reviewed In : 2021	Engineers Drawing Instruments, Pen Points (First Revision)	March, 2021	-	Indigenous
55	IS 3212 : 1991 Reviewed In : 2021	Engineers' drawings instruments, lengthening bars	March, 2021	-	Indigenous
56	IS 3213 : 1991 Reviewed In : 2021	Engineers Drawing Instruments - Handles - Specification (First Revision)	March, 2021	-	Indigenous
57	IS 3214 : 1991 Reviewed In : 2021	Engineers Drawing Instruments, Pencil Points - Specification (First Revision)	March, 2021	-	Indigenous
58	IS 3215 : 1991 Reviewed In : 2021	Engineers Drawing Instruments - Needle Points - Specification (First Revision)	March, 2021	1	Indigenous
59	IS 3216 : 1989 Reviewed In : 2019 Reaffirmed but not taken up for revision	Engineers Drawing Instruments, Needles - Specification (First Revision)	March, 2019	-	Indigenous
60	IS 3217 : 1991 Reviewed In : 2021	Engineers Drawing Instruments, Prickers - Specification (First Revision)	March, 2021	-	Indigenous
61	IS 3218 : 1968 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for parallel rulers, 150 mm (Link Type)	March, 2019	-	Indigenous
62	IS 3219 : 1966 Reviewed In : 2021	Specification For Engineers Drawing Instruments, Boxes for Leads and Needles	March, 2021	-	Indigenous
63	IS 3220 : 1966 Reviewed In : 2021	Specification For Engineers Drawing Instruments, Screw Drivers	March, 2021	-	Indigenous
64	IS 3221 : 1966 Reviewed In : 2021	Sets for drawing instruments	March, 2021	-	Indigenous
65	IS 3222 (Part 1) : 1989 Reviewed In : 2019 Reaffirmed but not taken up for revision	Instrument screws - Specification: Part 1 fasteners for drawing instruments (First Revision)	March, 2019	-	Indigenous
66	IS 3686 : 1966 Reviewed In : 2021	Specification for student - Type microscope	March, 2021	2	Indigenous
67	IS 4328 : 1967 Reviewed In : 2021	Specification for monocular dissecting microscope	March, 2021	2	Indigenous
68	IS 4329 : 1967 Reviewed In : 2021	Specification for measuring (Travelling) microscope	March, 2021	2	Indigenous

69	IS 4380 : 1967 Reviewed In : 2021	Specification for abney level	March, 2021	1	Indigenous
70	IS 4590 : 1980 Reviewed In : 2021	Specification for secondary level (First Revision)	March, 2021	1	Indigenous
71	IS 5146 : 1969 Reviewed In : 2021	Specification for sounding sextant	March, 2021	-	Indigenous
72	IS 5148 : 1969 Reviewed In : 2021	Specification for hand magnifiers (Circular) - 50, 75 and 100 mm	March, 2021	-	Indigenous
73	IS 5153 : 1969 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for proportional compasses - 150, 200 and 300 mm	March, 2019	1	Indigenous
74	IS 5204 : 1969 Reviewed In : 2021	Specifiction for research microscope	March, 2021	3	Indigenous
75	IS 5205 : 1969 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for drawing pins	March, 2019	-	Indigenous
76	IS 5213 : 1969 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for french curves for drawing office use	March, 2019	1	Indigenous
77	IS 5694 : 1970 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification For Engineers, Drawing Instruments, Dotting Pens	March, 2019	1	Indigenous
78	IS 5726 : 1970 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification For Engineers Drawing Instruments, Bordering Pens	March, 2019	1	Indigenous
79	IS 5737 : 1970 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification For Engineers Drawing Instruments, Curve Pens	March, 2019	-	Indigenous
80	IS 5928 : 1970 Reviewed In : 2021	Specification for tangent clinometer	March, 2021	-	Indigenous
81	IS 6425 : 1971 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for dioptometer (Lensometer)	March, 2019	2	Indigenous
82	IS 7010 : 1973 Reviewed In : 2021	Specification for pivots for magnetic compasses	March, 2021	1	Indigenous
83	IS 7020 : 1973 Reviewed In : 2021	Crystals and dielectric materials used in instrument industry	March, 2021	-	Indigenous
84	IS 7047 : 1973 Reviewed In : 2021	Timbers used in instrument industry	March, 2021	-	Indigenous
85	IS 7078 : 1973 Reviewed In : 2021	Plastics used in instrument industry	March, 2021	-	Indigenous
86	IS 7543 : 1975 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for planimeters	March, 2019	-	Indigenous

87	IS 7544 : 1975 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification For Parallel Ruler (Roller Type)	March, 2019	-	Indigenous
88	IS 8275 : 1976 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for binocular eyepication for microscope	March, 2019	1	Indigenous
89	IS 8311 : 1976 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for instrument jewels	March, 2019	1	Indigenous
90	IS 8330 : 2004 ISO 12858-2 Reviewed In : 2019 Reaffirmed but not taken up for revision ISO 12858-2	Tripods for surveying instruments - Fixed leg type - Specification (Second Revision)	March, 2019	-	Not Equivalent
91	IS 8390 : 1977 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for are combs	March, 2019	-	Indigenous
92	IS 8622 : 1999 Reviewed In : 2019	Wire wound sliding contact rheostats for use in educational institutions - Specification (First Revision)	March, 2019	-	Indigenous
93	IS 8630 : 1977 Reviewed In : 2021	Specification For Engineers Drawing Instruments, Double Line Pens	March, 2021	1	Indigenous
94	IS 8679 : 1978 Reviewed In : 2021	Specification for triangular scales	March, 2021	-	Indigenous
95	IS 8680 : 1978 Reviewed In : 2021	Specification For Engineers Drawing Instruments, Compass, Bow Pen, Double Knee Jointed with Sector Head Joints	March, 2021	-	Indigenous
96	IS 8681 : 1978 Reviewed In : 2021	Specification For Engineers Drawing - Instruments, Compass, Bow Pencil, Double Knee Jointed with Sector Head Joints	March, 2021	-	Indigenous
97	IS 8916 : 1978 Reviewed In : 2022	Specification for spherometbr	October, 2022	-	Indigenous
98	IS/ISO 9176 : 1988 Reviewed In : 2021 ISO 9176 : 1988	Tubular technical pens - Adaptor for compasses	March, 2021	-	Identical under single numbering
99	IS/ISO 9177-1 : 2016 IS/ISO 9177-1 : 2016 Reviewed In : 2022 IS/ISO 9177-1 : 2016	Mechanical Pencils for Technical Drawings Part 1: Classification Dimensions Performance Requirements and Testing	October, 2022	-	Identical under single numbering
100	IS/ISO 9177-2 : 2022 IS/ISO 9177-2 :	Mechanical pencils for technical drawings Part 2: Black leads Classification and dimensions		-	Identical under single numbering

	2022 IS/ISO 9177-2 : 2022				
101	IS/ISO 9177-3 : 2022 IS/ISO 9177-3 : 2022 IS/ISO 9177-3 : 2022	Mechanical pencils for technical drawings Part 3: Black leads Bending strengths of HB leads		-	Identical under single numbering
102	IS/ISO 9179-1 : 1988 Reviewed In : 2021 ISO 9179 : PART 1 : 1988	Technical drawings - Numerically controlled draughting machines	March, 2021	-	Identical under single numbering
103	IS/ISO 9180 : 1998 Reviewed In : 2021 ISO 9180 : 1998	Black leads for wood - Cased pencils - Classification and diameters	March, 2021	-	Identical under single numbering
104	IS 9440 : 1979 Reviewed In : 2022	Specification for laboratory balances	October, 2022	-	Indigenous
105	IS 9441 : 1979 Reviewed In : 2022	Specification for sextant	October, 2022	-	Indigenous
106	IS 9607 : 1980 Reviewed In : 2021	Specification for tertiary level	March, 2021	1	Indigenous
107	IS 9613 : 1980 Reviewed In : 2021	Specification for primary level	March, 2021	-	Indigenous
108	IS 9680 : 1980 Reviewed In : 2019 Reaffirmed but not taken up for revision	Materials for light duty springs for instrument industry	March, 2019	-	Indigenous
109	IS 9865 : 1981 Reviewed In : 2022	Specification for laboratory weights	October, 2022	-	Indigenous
110	IS 9892 : 1981 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for subtense bar	March, 2019	-	Indigenous
111	IS 9898 : 1981 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for heliotrope, surveying	March, 2019	-	Indigenous
112	IS/ISO 9960-1 : 1992 Reviewed In : 2022 ISO 9960 : PART 1 : 1992	Draughting instruments with or without graduation: Part 1 draughting scale rules	November, 2022	-	Identical under single numbering
113	IS/ISO 9962-1 : 1992 Reviewed In : 2021 ISO 9962 : PART 1 : 1992	Manually operated draughting machines: Part 1 definitions, classification and designation	March, 2021	-	Identical under single numbering
114	IS/ISO 9962-2 : 1992 Reviewed In : 2022 ISO 9962 : PART 2 : 1992	Manually Operated Draughting Machines Part 2 Characteristics, Performance, Inspection and Marking	November, 2022	-	Identical under single numbering
115	IS/ISO 9962-3 : 1994	Manually operated draughting machines: Part 3 dimensions of	November, 2022	-	Identical under single numbering

Reviewed In : 2022 ISO 9962 : PART 3 : 1994	scale rule chuck plates		
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Standards under Development

Projects Approved

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

Preliminary Draft Standards

SI. No.	Doc No.	Title
1	PGD 22 (26377) Revision of: IS 8622:1999	Wire Wound Sliding Contact Rheostats for Use in Educational Institutions Specification

Drafts Standards in WC Stage

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

Draft Standards Completed WC Stage

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

Finalized Draft Indian Standard

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

Finalized Draft Indian Standards under Print

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

Total Published Standards:113 Total Standards Under development:1

Aspect Wise Report

Product : 99
Code of Practices : 0
Methods of Test : 2
Terminology : 1
Dimensions : 3
System Standard : 0
Safety Standard : 0
Others : 8
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 12398 : 1988	Specification for multipurpose mercury barometer For Educational Use

	Reviewed In : 2016	
2	IS 13011 (Part 1) : 1990 ISO 7943-1 Reviewed In : 2016 ISO 7943-1	Photography - Overhead projectors Part 1 projection stages - Dimensions
3	IS 13011 (Part 2) : 1990 ISO 7943-2 Reviewed In : 2016 ISO 7943-2	Photography - Overhead projectors Part 2 transparencies and transparency frames - Dimensions
4	IS 13011 (Part 3) : 1990 ISO 7943-3 Reviewed In : 2016 ISO 7943-3	Photography - Overhead projectors part 3 film rolls cores and winders - Dimensions
5	IS 13108 (Part 1) : 2002 ISO 8036-1 Reviewed In : 2018	Optics and Optical Instruments - Microscopes - Part 1 Immersion Oil for General Use in Light Microscopy
6	IS 14821 : 2000 ISO 9022-13 Reviewed In : 2016 ISO 9022-13	Optics and optical instruments - environmental test methods - combined shock bump or free fall and dry heat or cold
7	IS 14822 : 2000 ISO 9022-15 Reviewed In : 2016 ISO 9022-15	Optics and optical instruments - environmental test methods - combined digitally controlled broad - Band random vibration and dry heat or cold
8	IS 14823 : 2000 ISO 9022-10 Reviewed In : 2016 ISO 9022-10	Optics and optical instruments - environmental test methods - combined sinusoidal vibration and dry heat or cold
9	IS 14966 : 2001 ISO 9022-16 Reviewed In : 2016 ISO 9022-16	Optics and optical instruments - Environmental test methods - Combined bounce or steady - State acceleration and dry heat or cold
10	IS 14967 : 2001 ISO 9022-21 Reviewed In : 2016 ISO 9022-21	Optics and optical instruments - Environmental test methods - Combined low pressure and ambient temperature or dry heat
11	IS 15268 (Part 1) : 2002 ISO 8037-1 Reviewed In : 2007	Optics and Optical Instruments - Microscopes - Slides - Part 1 Dimensions Optical Properties and Marking
12	IS 15268 (Part 2) : 2002 ISO 8037-2 Reviewed In : 2007	Optics and Optical Instruments - Microscopes - Slides - Part 2 Quality of Material Standards of Finish and Mode of Packaging
13	IS 15270 (Part 1) : 2002 ISO 8255-1 Reviewed In : 2007	Optics and Optical Instruments - Microscopes - Cover Glasses - Part 1 Dimensional Tolerances Thickness and Optical Properties
14	IS 15270 (Part 2) : 2002 ISO 8255-2 Reviewed In : 2007	Optics and Optical Instruments - Microscopes - Cover Glasses - Part 2 Quality of Materials Standards of Finish and Mode of Packaging
15	IS 2286 : 1963 Reviewed In : 2021	Specification for pantograph
16	IS 2287 : 1970 Reviewed In : 2016	Specification for drafting machines First Revision
17	IS/ISO 9178-1 : 1988 Reviewed In : 2021 ISO 9178 : PART 1 : 1988	Templates for lettering and symbols Part 1 general principles and identification markings
18	IS/ISO 9178-2 : 1988 Reviewed In : 2021 ISO 9178 : PART 2 : 1988	Templates for lettering and symbols Part 2 slot widths for wood cased pencils clutch pencils and fine - Lead pencils
19	IS/ISO 9178-3 : 1989	Templates for lettering and symbols Part 3 slot widths for technical pens with tubular tips in

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10695 : 1983 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for pocket stereoscope
2	IS 10995 : 1984 Reviewed In : 2021	Specification for tuning fork
3	IS 10996 : 1984 Reviewed In : 2021	Specification For Stop Clock With Fly-Back Action
4	IS 11152 : 1984 Reviewed In : 2021	Specification for laboratory stands Metallic
5	IS 11781 : 1986 Reviewed In : 2021	Specification for stencil templates and pen tips for english lettering
6	IS 11961 : 1986 Reviewed In : 2021	Specification for 4 - Metre levelling staff Telescopic
7	IS 12353 : 1988 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for stencil templates for geometrical figures
8	IS 12397 : 1988 Reviewed In : 2021	Specification for metallic dissectiong trays
9	IS B12397 : 1988 Reviewed In : 2021	Specification for metallic dissecting trays
10	IS 12399 : 1988 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for tripod stands
11	IS 12428 : 1988 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for scribing tools
12	IS 14253 : 1995 Reviewed In : 2021	Educational instrumentsand equipment - Wire gauze for school and laboratory use - Specification
13	IS 1444 : 1989 Reviewed In : 2021	Engineers Pattern Drawing Boards - Specification Second Revision
14	IS 14440 : 1997 Reviewed In : 2019 Reaffirmed but not taken up for revision	Drawing Instruments - Tubular Tips For Hand Held Technical Pens Using India Ink On Tracing Paper - Specification
15	IS 14633 : 1999 Reviewed In : 2019 Reaffirmed but not taken up for revision	Blackboards for class rooms - Specification
16	IS 1480 : 1970 Reviewed In : 2021	Specification metric scales for general purposes First Revision
17	IS 1481 : 2024	Metric Steel Scales For Engineers -- Specification Second Revision
18	IS 14859 : 2000 Reviewed In : 2021	Specification for hindi Devnagri stencil templates and pen tips
19	IS 1491 : 2023	METRIC SCALES FOR ARCHITECTURAL PURPOSES -- SPECIFICATION
20	IS 1492 : 1970 Reviewed In : 2019 Reaffirmed but not taken up	Specification for metric surveying chains First Revision

	for revision	
21	IS 15084 : 2002 Reviewed In : 2022	Spring balance - Tension type For Use In Schools - Specification
22	IS 15085 : 2001 Reviewed In : 2022	Decimeter cube For Use In Schools - Specification
23	IS 15085 : 2001 Reviewed In : 2022	Decimeter Cubes for Use in Schools
24	IS 15197 : 2002 Reviewed In : 2022	Kerosene heating lamp for use in school and college laboratories - Specification
25	IS 15242 : 2002 Reviewed In : 2022	Magnets For Use In Schools And Colleges - Specification
26	IS 15242 : 2002 Reviewed In : 2022	Magnets for Use In Schools And--Colleges Specification
27	IS 1561 : 2023	Set Squares for Use of Drawing Offices Specification
28	IS 1562 : 2023	METRIC DIAGONAL SCALES CARTOGRAPHERS SURVEYORS AND ENGINEERS SPECIFICATION
29	IS 1563 : 2023	Protractors for Use of Drawing offices Specification
30	IS 16506 (Part 2) : 2021 ISO 9211-2:2010 ISO 13043:2011	Optics and photonics Optical coatings Part 2 Optical Properties Adoption of ISO 9211 - 2 2010
31	IS 1764 : 1961 Reviewed In : 2021	Specification for trough compass
32	IS 1779 : 1961 Reviewed In : 2021	Specification for 4 - Metre levelling staff folding type
33	IS 1842 : 1961 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for surveying chain pins Arrows
34	IS 1955 : 1961 Reviewed In : 2021	Specification for prismatic compass liquid
35	IS 1957 : 1961 Reviewed In : 2021	Specification for prismatic compasses non - Liquid
36	IS 2233 : 2023	Straightedges for Drawing Office Use Specification
37	IS 2288 : 1963 Reviewed In : 2021	Specification for ranging rods
38	IS 2466 : 1963 Reviewed In : 2021	Specification for beam compasses
39	IS 2533 : 1978 Reviewed In : 2022	Specification for geometry boxes First Revision
40	IS 2539 : 1963 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for plane tables
41	IS 2988 : 1995 Reviewed In : 2021	Vernier theodolite - Specification First Revision
42	IS 3099 (Part 12) : 1992 Reviewed In : 2019 Reaffirmed but not taken up for revision ISO 8255-1	Microscopes - Slips and slidesspecification Part 1 microscope slips Part 2 microscope slides First Revision
43	IS 3206 : 1989 Reviewed In : 2019 Reaffirmed but not taken up for revision	Engineers Drawing Instruments - Dividers - Specification First Revision
44	IS 3207 : 1989 Reviewed In : 2019 Reaffirmed but not taken up	Engineers Drawing Instruments - Rotating Compasses

	for revision	
45	IS 3208 : 1989 Reviewed In : 2019 Reaffirmed but not taken up for revision	Engineers drawing instruments - Half set of compasses - Specification First Revision
46	IS 3209 : 1989 Reviewed In : 2019 Reaffirmed but not taken up for revision	Engineers Drawing Instruments - Spring Bow Compasses - Specification First Revision
47	IS 3210 : 1989 Reviewed In : 2019 Reaffirmed but not taken up for revision	Engineers Drawing Instruments - Drawing Pens
48	IS 3211 : 1991 Reviewed In : 2021	Engineers Drawing Instruments Pen Points First Revision
49	IS 3212 : 1991 Reviewed In : 2021	Engineers drawings instruments lengthening bars
50	IS 3213 : 1991 Reviewed In : 2021	Engineers Drawing Instruments - Handles - Specification First Revision
51	IS 3214 : 1991 Reviewed In : 2021	Engineers Drawing Instruments Pencil Points - Specification First Revision
52	IS 3215 : 1991 Reviewed In : 2021	Engineers Drawing Instruments - Needle Points - Specification First Revision
53	IS 3216 : 1989 Reviewed In : 2019 Reaffirmed but not taken up for revision	Engineers Drawing Instruments Needles - Specification First Revision
54	IS 3217 : 1991 Reviewed In : 2021	Engineers Drawing Instruments Prickers - Specification First Revision
55	IS 3218 : 1968 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for parallel rulers 150 mm Link Type
56	IS 3219 : 1966 Reviewed In : 2021	Specification For Engineers Drawing Instruments Boxes for Leads and Needles
57	IS 3220 : 1966 Reviewed In : 2021	Specification For Engineers Drawing Instruments Screw Drivers
58	IS 3222 (Part 1) : 1989 Reviewed In : 2019 Reaffirmed but not taken up for revision	Instrument screws - Specification Part 1 fasteners for drawing instruments First Revision
59	IS 3686 : 1966 Reviewed In : 2021	Specification for student - Type microscope
60	IS 4328 : 1967 Reviewed In : 2021	Specification for monocular dissecting microscope
61	IS 4329 : 1967 Reviewed In : 2021	Specification for measuring Travelling microscope
62	IS 4380 : 1967 Reviewed In : 2021	Specification for abney level
63	IS 4590 : 1980 Reviewed In : 2021	Specification for secondary level First Revision
64	IS 5146 : 1969 Reviewed In : 2021	Specification for sounding sextant
65	IS 5148 : 1969 Reviewed In : 2021	Specification for hand magnifiers Circular - 50 75 and 100 mm
66	IS 5153 : 1969 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for proportional compasses - 150 200 and 300 mm

67	IS 5204 : 1969 Reviewed In : 2021	Specification for research microscope
68	IS 5205 : 1969 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for drawing pins
69	IS 5213 : 1969 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for french curves for drawing office use
70	IS 5694 : 1970 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification For Engineers Drawing Instruments Dotting Pens
71	IS 5726 : 1970 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification For Engineers Drawing Instruments Bordering Pens
72	IS 5737 : 1970 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification For Engineers Drawing Instruments Curve Pens
73	IS 5928 : 1970 Reviewed In : 2021	Specification for tangent clinometer
74	IS 6425 : 1971 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for dioptometer Lensometer
75	IS 7010 : 1973 Reviewed In : 2021	Specification for pivots for magnetic compasses
76	IS 7020 : 1973 Reviewed In : 2021	Crystals and dielectric materials used in instrument industry
77	IS 7078 : 1973 Reviewed In : 2021	Plastics used in instrument industry
78	IS 7543 : 1975 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for planimeters
79	IS 7544 : 1975 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification For Parallel Ruler Roller Type
80	IS 8275 : 1976 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for binocular eyepication for microscope
81	IS 8311 : 1976 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for instrument jewels
82	IS 8330 : 2004 ISO 12858-2 Reviewed In : 2019 Reaffirmed but not taken up for revision ISO 12858-2	Tripods for surveying instruments - Fixed leg type - Specification Second Revision
83	IS 8390 : 1977 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for are combs

84	IS 8622 : 1999 Reviewed In : 2019	Wire wound sliding contact rheostats for use in educational institutions - Specification First Revision
85	IS 8630 : 1977 Reviewed In : 2021	Specification For Engineers Drawing Instruments Double Line Pens
86	IS 8679 : 1978 Reviewed In : 2021	Specification for triangular scales
87	IS 8680 : 1978 Reviewed In : 2021	Specification For Engineers Drawing Instruments Compass Bow Pen Double Knee Jointed with Sector Head Joints
88	IS 8681 : 1978 Reviewed In : 2021	Specification For Engineers Drawing - Instruments Compass Bow Pencil Double Knee Jointed with Sector Head Joints
89	IS 8916 : 1978 Reviewed In : 2022	Specification for spherometbr
90	IS/ISO 9176 : 1988 Reviewed In : 2021 ISO 9176 : 1988	Tubular technical pens - Adaptor for compasses
91	IS/ISO 9177-1 : 2016 IS/ISO 9177-1 : 2016 Reviewed In : 2022	Mechanical Pencils for Technical Drawings Part 1 Classification Dimensions Performance Requirements and Testing
92	IS 9440 : 1979 Reviewed In : 2022	Specification for laboratory balances
93	IS 9441 : 1979 Reviewed In : 2022	Specification for sextant
94	IS 9607 : 1980 Reviewed In : 2021	Specification for tertiary level
95	IS 9613 : 1980 Reviewed In : 2021	Specification for primary level
96	IS 9865 : 1981 Reviewed In : 2022	Specification for laboratory weights
97	IS 9892 : 1981 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for subtense bar
98	IS 9898 : 1981 Reviewed In : 2019 Reaffirmed but not taken up for revision	Specification for heliotrope surveying