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भारतीय मानक ब्यूरो
Bureau of Indian Standards
PRODUCTION AND GENERAL ENGINEERING DEPARTMENT

हमारे संदर्भ: पीजीडी 22/reaffirmation

06.05.2019

Our Ref. PGD/G-3.23/PGD 22/reaffirmation

06.05.2019

Subject: Reaffirmation of Indian Standards pertaining to Educational Instruments and Equipment Sectional Committee, PGD 22

विषय: भारतीय मानक की पनुःपुष्टि शैक्षिक उपकरण एवं उपस्कर विषय समिति पीजीडी 22

The Indian Standards (59) given in Annex I, have been reaffirmed by the Educational Instruments and Equipment Sectional Committee, PGD 22 in its tenth meeting held on 20 March 2019 for a period of 5 years.

अनुबध 1 में दिये गये भारतीय मानक (59) की पनुःपुष्टि शैक्षिक उपकरण एवं उपस्कर विषय समिति पीजीडी 22 के द्वारा अपने नियत तारीख से आगामी पांच वर्ष की अवधि के लिए 20.03.2019 में की गई है।

Director (Sales)/DPT/Director (Library) may please take suitable action for affirming the year of reaffirmation to the above mentioned standards.

उपरोक्त भारतीय मानको के साल की पनुः पुष्टि के लिये उचित कार्यवाही हेतु निदेशक (बिक्री)/डीपीटी/डी (पीयूबी)/डीएलससी को प्रेषित किया जा रहा है।



(Deepak Jain)

Scientist-F & प्रमुख (पीजीडी) Head (PGD)

Director (Publication)

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Annex- I

List of Standards reaffirmed in tenth meeting of Educational Instruments and Equipment Sectional Committee, PGD 22 held on 20.03.2019.

The standards mentioned as (#) are already under revision

S.No	Document Number	Document Title
1	IS 1481 : 1970	Metric Steel Scales for Engineers
2	IS 1492 : 1970	Metric surveying chains
3	IS 1561 : 1989	Set Squares for Use of Drawing Offices
4	IS 1563 : 1989	Protractors For Use Of Drawling Offices
5	IS 1632 : 1993	Optical instruments — Bubbles
6	IS 3081 : 1994	Microscopes — General purposes — Dimensions and marking
7	IS 3099 : Part 1 AND 2 : 1992	Microscopes — Slips and slides: Specification: Part 1 Microscope slips : Part 2 Microscope slides
8	IS 3206 : 1989	Engineers' Drawing Instruments — Dividers
9	IS 3207 : 1989	Engineers' Drawing Instruments — Rotating Compasses
10	IS 3208 : 1989	Engineers Drawing Instruments — Half Set of Compasses
11	IS 3209 : 1989	Engineers' Drawing Instruments — Spring Bow Compasses
12	IS 3210 : 1989	Engineers' Drawing Instruments — Drawing Pens
13	IS 3216 : 1989	Engineers' drawing instruments, needles
14	IS 3218 : 1968	Paralleled rulers, 150 mm (link type)
15	IS 3222 : Part 1 : 1989	Instrument Screws — Part 1 : Fasteners for Drawing Instruments
16	IS 5153 : 1969	Proportional Compasses — 150, 200 AND 300 mm
17	IS 5205 : 1969	Drawing Pins
18	IS 5213 : 1969	French Curves for Drawing Office Use
19	IS 5415 : 1969	Code of practice for packing and packaging of optical and mathematical instrument and components
20	IS 5694 : 1970	Engineers' Drawing Instruments, Dotting Pens
21	IS 5726 : 1970	Engineers' Drawing Instruments, Bordering Pens
22	IS 5737 : 1970	Engineers' Drawing Instruments, Curve Pens
23	IS 5920 : 1970	Recommendations for the Preparation of Drawings for Optical Elements and Systems
24	IS 6425 : 1971	Dioptometer (Lensometer)
25	IS 6471 : 1971	Spectrometer (Student Type)
26	IS 7009 : 1973	Optical Square (for surveying)
27	IS 7543 : 1975	Planimeters
28	IS 7544 : 1975	Parallel Ruler (roller type)
29	IS 7545 : 1975	Optical Bench (Advanced Type)
30	IS 7919 : 1975	Refractometer — Abbe Type
31	IS 8275 : 1976	Binocular Eyepieces for Microscope
32	IS 8311 : 1976	Instrument Jewels
33	IS 8330 : 2004	Tripods for Surveying Instruments — Fixed Leg Type
34	IS 8390 : 1977	Are Combs
35	IS 8622 : 1999	Wire Wound Sliding Contact Rheostats for Use in Educational Institutions

S.No	Document Number	Document Title
36	IS 8651 : 1977	Flame Photometer
37	IS 8661 : 1977	Polarimeter and Saccharimeter (Optical)
38	IS 9107 : 1979	Autocollimator
39	IS 9680 : 1980	Materials for light duty springs for instrument industry
40	IS 9892 : 1981	Subtense Bar
41	IS 9898 : 1981	Heliotrope, Surveying
42	IS 10236 : Part 2 : 1982	Procedure for Basic Climatic and Durability Tests for Optical Instruments — Part II : Vibration Test
43	IS 10236 : Part 15 : 1986	Procedure for basic climatic and durability test for optical instruments: Part 15 Drop test
44	IS 10236 : Part 16 : 1988	Procedure for basic climatic and durability test for optical instruments: Part 16 Solar radiation test
45	IS 10236 : Part 17 : 1988	Procedure for Basic Climatic and Durability Tests for Optical Instruments — Part 17 : Acceleration (Steady—State) Test
46	IS 10236 : Part 18 : 1988	Procedure for Basic Climatic and Durability Tests for Optical Instruments — Part 18 : Sealing Test
47	IS 10679 : 1983	Photoelectric Spectrophotometer (Single Beam Type)
48	IS 10695 : 1983	Pocket Stereoscope
49	IS 12353 : 1988	Stencil Templates for Geometrical Figures
50	IS 12399 : 1988	Tripod Stands
51	IS 12428 : 1988	Scribing Tools
52	IS 12713 : 1989	Optical Instruments—permissible Cosmetic Defects and Inspection of Optical Components
53	IS 12874 : 1989	Optical and Mathematical Instruments — Telescopic Alidade
54	IS 12888 : 1989	Optical and Mathematical Instruments — Short Range Infrared Distance Measuring Instruments
55	IS 14146 : 1994	Raw optical glass — resistance to attack by aqueous alkaline phosphate—containing detergent solutions at 50°C — Testing and classification
56	IS 14260 : 1995	Glass and glass—ceramics — Knoop hardness test
57	IS 14440 : 1997	Drawing Instruments — Tubular tips for hand held technical pens using India ink on tracing paper
58	IS 14633 : 1999	Blackboards for Class Rooms
59	IS 15483 : Part 2 : 2004	Optics and Optical Instruments — Ancillary Devices for Geodetic Instruments — Part 2 : Tripodes