

# BUREAU OF INDIAN STANDARDS

## Program of Work

### PGD 1 : Basic Standards

**Scope:** (a) Formulation of Indian Standards on terminology, units, quantities, symbols and other basic subjects of general applicability to all Division Councils. b) Formulation of Indian Standards for preferred numbers. c) Coordination of work with: (i) ISO/TC 12 Quantities and units (P-Member) (ii) ISO/TC 19 Preferred numbers (O-Member) (iii) ISO/TC 145 Graphical symbols (P-Member) (iv) ISO/TC 145/SC 1 Public information symbols (P-Member) (V) ISO/TC 145/SC 2 Safety identification, signs, shapes, symbols and colors (P-Member) (VI) ISO/TC 145/SC 3 Public information symbols (P-Member)

**Liaison:** **ISO TC-12 (P):** *Quantities and units* **ISO TC-145 SC-2 (P):** *Safety identification, signs, shapes, symbols and colours* **ISO TC-145 SC-3 (P):** *Graphical symbols for use on equipment* **ISO TC-19 (O):** *Preferred numbers* **ISO TC-145 (P):** *Graphical symbols* **ISO TC-145 SC-1 (P):** *Public information symbols, signs and guidance system* **ISO TC-12 (P):** *Quantities and units* **ISO TC-145 SC-2 (P):** *Safety identification, signs, shapes, symbols and colours* **ISO TC-145 SC-3 (P):** *Graphical symbols for use on equipment* **ISO TC-19 (O):** *Preferred numbers* **ISO TC-145 (P):** *Graphical symbols* **ISO TC-145 SC-1 (P):** *Public information symbols, signs and guidance system* **ISO TC-215 (P):** *Graphical Content in Healthcare*

## Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 1076 (Part 1):1985 ISO 3 <b>ISO 3 : 1973</b>	Preferred numbers: Part 1 series of preferred numbers (Second Revision)	October, 2021	-	Identical under dual numbering
2	IS 1076 (Part 2):1985 ISO 17 <b>ISO 17 : 1973</b>	Preferred numbers: Part 2 guide to the use of preferred numbers and series of preferred numbers	October, 2021	-	Identical under dual numbering
3	IS 1076 (Part 3):1985 ISO 497 <b>ISO 497 : 1973</b>	Preferred numbers: Part 3 guide to the choice of series of preferred numbers and of series containing more rounded values of preferred numbers (Second Revision)	October, 2021	-	Identical under dual numbering
4	IS 1105:1957	Method for precise conversion of inch and metric dimensions to ensure interchangeability	March, 2022	-	Indigenous
5	IS 15503 (Part 3):2023 ISO 9186-3 : 2014 <b>ISO 9186-3 : 2014</b>	Graphical symbols Test methods Part 3 : Method for testing symbol referent association		-	Identical under dual numbering
6	IS 15503 (Part 1):2021	Graphical Symbols Test Methods Part 1 Methods for Testing	August, 2025	-	Identical under dual numbering

	ISO 9186-1 : 2014 <a href="#">ISO 9186-1 : 2014</a>	Comprehensibility First Revision			
7	IS 15503 (Part 2):2014 ISO 9186-2 : 2008 <a href="#">ISO 9186-2 : 2008</a>	Graphical symbols - Test methods: Part 2 method for testing perceptual quality (First Revision)	August, 2024	-	Identical under dual numbering
8	IS 15504:2023 ISO 7001 : 2023 <a href="#">ISO 7001 : 2023</a>	Graphical Symbols Registered Public Information Symbols		-	Identical under dual numbering
9	16324 16324:2014 ISO 558 : 1980 <a href="#">ISO 558 : 1980</a>	Conditioning and Testing - Standard Atmospheres - Definitions	August, 2024	-	Identical under dual numbering
10	IS 16449 (Part 4):2017 ISO 3864-4 : 2011 <a href="#">ISO 3684-4:2011</a>	Graphical symbols - Safety colours and safety signs: Part 4 colorimetric and photometric properties of safety sign materials	March, 2022	-	Identical under dual numbering
11	IS 16449 (Part 2):2021 ISO 3864-2 : 2016 <a href="#">ISO 3864-2 : 2016</a>	Graphical Symbols - Safety Colours and Safety Signs Part 2 Design Principles for Product Safety Labels	September, 2025	-	Identical under dual numbering
12	IS 16449 (Part 3):2018 ISO 3864-3 : 2012 <a href="#">ISO 3864-3 : 2012</a>	Graphical Symbols- Safety Colours and Safety Signs Part 3 Design Principles for Graphical Symbols for Use in Safety Signs	March, 2023	-	Identical under dual numbering
13	IS 16449 (Part 1):2018  <a href="#">ISO 3864:2011</a>	Graphical symbols - Safety colours and safety signs: Part 1 design principles for safety signs and safety markings	August, 2024	-	Identical under dual numbering
14	IS 16450:2023 ISO 7000:2019 <a href="#">ISO 7000:2019</a>	Graphical Symbols for Use on Equipment Registered Symbols		-	Identical under dual numbering
15	IS 16451:2023 ISO/IEC 7010 : 2019 <a href="#">ISO/IEC 7010 : 2019</a>	Graphical Symbols Safety Colours and Safety Signs Registered Safety Signs		-	Identical under dual numbering
16	IS 16452:2018 IS 16069 : 2004 <a href="#">IS 16069 : 2004</a>	Graphical Symbols- Safety Signs- Safety Way Guidance Systems (SWGS)	March, 2023	-	Identical under dual numbering
17	IS 16453:2018 ISO 17724 : 2003 <a href="#">ISO 17724:2011</a>	Graphical Symbols “ Vocabulary	February, 2024	-	Identical under dual numbering
18	IS 16454:2018 ISO 23601 : 2009 <a href="#">ISO 23601:2009</a>	Safety Identification — Escape and Evacuation Plan Signs	March, 2023	-	Identical under dual numbering
19	IS 16681 (Part 4):2026	Public Information Guidance Systems Part 4: Installation and Assessment		-	
20	IS 16881 (Part 3):2023 ISO 28564-3 : 2019 <a href="#">ISO 28564-3 : 2019</a>	Public information guidance systems Part 3 : Guidelines for the design and use of information index signs		-	Identical under dual numbering
21	IS 16881 (Part 2):2021 ISO 28564-2 : 2016 <a href="#">ISO 28564-2 : 2016</a>	Public information guidance systems Part 2: Guidelines for the design and use of location signs and direction signs	September, 2025	-	Identical under dual numbering
22	IS 16881 (Part 1):2018 ISO 28564-1 : 2010 <a href="#">ISO 28564-1 : 2010</a>	Public information guidance systems: Part 1 design principles and element requirements for location plans, maps and diagrams	February, 2024	-	Identical under dual numbering

23	IS 16882 (Part 1):2018 ISO 20712-1 : 2008 ISO 20712-1:2008	Water safety signs and beach safety flags: Part 1 specifications for water safety signs used in workplaces and public areas	February, 2024	-	Identical under dual numbering
24	IS 16882 (Part 2):2018 ISO 20712-2 : 2007 ISO 20712-2:2007	Water safety signs and beach safety flags: Part 2 specifications for beach safety flags - Colour, shape, meaning and performance	February, 2024	-	Identical under dual numbering
25	IS 16882 (Part 3):2018 ISO 20712-3 : 2014 ISO 20712-3:2014	Water safety signs and beach safety flags: Part 3 guidance for use	February, 2024	-	Identical under dual numbering
26	IS 16887:2018 ISO 22727 : 2007 ISO 22727 : 2007)	Graphical symbols - Creation and design of public information symbols - Requirements	February, 2024	-	Identical under dual numbering
27	IS 16888:2018 ISO 17398 : 2004 ISO 17398 : 2004	Safety Colours and Safety Signs – Classification, Performance and Durability of Safety Signs	February, 2024	-	Identical under dual numbering
28	IS 16898 (Part 1):2023 ISO/IEC 80416-1 : 2008 ISO/IEC 80416-1 : 2008	Basic Principles for Graphical Symbols for Use on Equipment Part 1: Creation of Graphical Symbols for Registration		-	Identical under dual numbering
29	IS 16898 (Part 2):2018 ISO 80416-2 : 2001 ISO 80416 - 2 : 2001	Basic principles for graphical symbols for use on equipment: Part 2 form and use of arrows	February, 2024	-	Identical under dual numbering
30	IS 16898 (Part 4):2018 ISO 80416-4 : 2005 ISO 80416 - 4 : 200	Basic principles for graphical symbols for use on equipment: Part 4 guidelines for the adaptation of graphical symbols for use on screens and displays (Icons)	February, 2024	-	Identical under dual numbering
31	IS 16898 (Part 3):2023 ISO/IEC 80416-3 : 2002 ISO/IEC 80416-3 : 2002	Basic Principles for Graphical Symbols for Use on Equipment Part 3 : Guidelines For The Application of Graphical Symbols		-	Identical under dual numbering
32	IS 196:2024	Atmospheric Conditions for Testing		-	Indigenous
33	IS 19661 (Part 1):2026	Safety Information for the Content of Piping Systems and Tanks : Part 1 Piping Systems		-	
34	IS 19661 (Part 2):2026	Safety Information for the Content of Piping Systems and Tanks Part 2: Tanks		-	
35	IS 19666:2026	Graphical Symbols -- Safety Colours and Safety Signs -- Natural Disaster Safety way Guidance System		-	
36	IS 19708:2026	Graphical Symbols - Safety Colours and Safety Signs - Guidance for the Development and use of a Safety Signing System		-	
37	IS 787:1956	Guide for inter - Conversion of values from one system of units to another	March, 2022	-	Indigenous

38	SP 8:1970	Mathematical physical, chemical and engineering tables	March, 2022	1	Indigenous
39	IS/ISO 80000-2:2019 ISO 80000-2 : 2019 ISO 80000-2 : 2019	Quantities and units Part 2 : Mathematics	February, 2024	-	Identical under single numbering
40	IS/ISO 80000-3:2019 ISO 80000-3 : 2019 ISO 80000-3 : 2019	Quantities and units Part 3: Space and Time	February, 2024	-	Identical under single numbering
41	IS/ISO 80000-4:2019 ISO 80000-4 : 2019 ISO 80000-4 : 2019	QUANTITIES AND UNITS PART 4 : MECHANICS	February, 2024	-	Identical under single numbering
42	IS/ISO 80000-5:2019 ISO 80000-5 : 2019 ISO 80000-5 : 2019	Quantities and units Part 5 : Thermodynamics	February, 2024	-	Identical under single numbering
43	IS/ISO 80000-1:2022 ISO 80000-1 : 2022 ISO 80000-1 : 2022	Quantities and Units Part 1 General		-	Identical under single numbering
44	IS/ISO 80000-10:2019 ISO 80000-10 : 2019 ISO 80000-10 : 2019	Quantities and units Part 10 : Atomic and nuclear physics	February, 2024	-	Identical under single numbering
45	IS/ISO 80000-11:2019 ISO 80000-11 : 2019 ISO 80000-11 : 2019	Quantities and units Part 11 : Characteristics numbers	February, 2024	-	Identical under single numbering
46	IS/ISO 80000-12:2019 ISO 80000-12 : 2019 ISO 80000-12 : 2019	Quantities and units Part 12 : Condensed matter physics	February, 2024	-	Identical under single numbering
47	IS/IEC 80000-13:2008 IEC 80000-13 : 2008 IEC 80000-13 : 2008	Quantities and units: Part 13 information science and technology	August, 2024	-	Identical under single numbering
48	IS/IEC 80000-6:2022 IEC 80000-6 : 2008 IEC 80000-6 : 2008	Quantities and Units Part 6 Electromagnetism		-	Identical under single numbering
49	IS/ISO 80000-7:2019 ISO 80000-7 : 2019 ISO 80000-7 : 2019	Quantities and units Part 7 : Light and radiation	February, 2024	-	Identical under single numbering
50	IS/ISO 80000-8:2019 ISO 80000-8 : 2019 ISO 80000-8 : 2019	Quantities and units Part 8: Acoustics	February, 2024	-	Identical under single numbering
51	IS/ISO 80000-9:2019 ISO 80000-9 : 2019 ISO 80000-9 : 2019	Quantities and units Part 9: Physical chemistry and molecular physics	August, 2024	-	Identical under single numbering
52	IS B196:1966	Atmospheric Conditions for	December, 2016	-	

		Testing (Revised)(BI-LINGUAL)			
53	IS B786:1967	Guide for inter - Conversion of values from one system of units to another	March, 2022	1	Indigenous
54	IS B786:1967	Conversion factors and conversion tables (First Revision)	March, 2022	-	Indigenous
55	IS/ISO/IEC GUIDE-51:2014 ISO/IEC Guide 51 : 2014 ISO/IEC Guide 51	Safety aspects - Guidelines for their inclusion in standards (Second Revision)	August, 2024	-	Identical under dual numbering

### 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
<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
1	PGD 1 (01339) Revision of IS 15504:2018	Public information symbols
2	PGD 1 (01589)	Graphical symbols-Safety colours and safety signs part 1 design principal for safety signs and safety markings
3	PGD 1 (01590)	Graphical symbols - Safety colours and safety signs - Part 2 Design principal for product safety labels
4	PGD 1 (01591)	Graphical symbols Safety colours and safety signs Part 3 Design principles for graphical symbols for use in safety signs Adoption of ISO 3864-3 2012
5	PGD 1 (01592)	Graphical symbols Safety colours and safety signs Part 4 Colorimetric and photometric properties of safety sign materials Adoption of ISO 3864-4 2011
6	PGD 1 (01593)	Graphical symbols for use on equipment Registered symbols Adoption of ISO 7000 2014
7	PGD 1 (01594)	Graphical symbols Safety colours and safety signs Registered safety signs Adoption of ISO 7010 2011
8	PGD 1 (01595)	Graphical symbols Safety signs Safety way guidance systems SWGS
9	PGD 1 (01596)	Safety way guidance systems Vocabulary Adoption of ISO 17724 2011

10	PGD 1 (01597)	Safety identification Escape and evacuation plan signs Adoption of ISO 23601 2009
11	PGD 1 (01396) Revision of: IS/ISO/IEC GUIDE:2014	Safety aspects Guidelines for their inclusion in standards Second revision of ISO IEC Guide 51
12	PGD 1 (01653)	Safety colours and safety signs -- Classification performance and durability of safety signs Adoption of ISO 17398 2004
13	PGD 1 (01655)	Water safety signs and beach safety flags -- Part 1 Specifications for water safety signs used in workplaces and public areas Adoption of ISO 20712-1 2008
14	PGD 1 (01656)	Water safety signs and beach safety flags -- Part 2 Specifications for beach safety flags -- Colour shape meaning and performance Adoption of ISO 20712 - 2 2007
15	PGD 1 (01657)	Water safety signs and beach safety flags -- Part 3 Guidance for use Adoption of ISO 20712-3 2014
16	PGD 1 (01658)	Graphical symbols Graphical symbols -- Creation and design of public information symbols Requirements Adoption of ISO 22727 2007
17	PGD 1 (01660)	Public information guidance systems -- Part 1 Design principles and element requirements for location plans maps and diagrams Adoption of ISO 28564-1 2010
18	PGD 1 (01661)	Basic principles for graphical symbols for use on equipment -- Part 2 Form and use of arrows Adoption of ISO 80416 - 2 2001
19	PGD 1 (01662)	Basic principles for graphical symbols for use on equipment -- Part 4 Guidelines for the adaptation of graphical symbols for use on screens and displays icons Adoption of ISO 80416 - 4 2005
20	PGD 1 (14301) Revision of: IS/ISO 21101:2014	Graphical Symbols - Safety Colours and Safety Signs Part 2 Design Principles for Product Safety Labels
21	PGD 1 (14305)	Public information guidance systems Part 2 Guidelines for the design and use of location signs and direction signs
22	PGD 1 (14315) Revision of: IS 15503:2014	Graphical Symbols Test Methods Part 1 Methods for Testing Comprehensibility First Revision
23	PGD 1 (16638) Revision of: IS/ISO 80000:2006	Quantities and units Part 3 Space and Time
24	PGD 1 (16641) Revision of: IS/ISO 80000:2007	Quantities and units Part 5 Thermodynamics
25	PGD 1 (16646) Revision of: IS/ISO 80000-7:2008	Quantities and units Part 7 Light and radiation
26	PGD 1 (16650) Revision of: IS/ISO 80000-10:2009	Quantities and units Part 10 Atomic and nuclear physics
27	PGD 1 (16651) Revision of: IS/ISO 80000-11:2008	Quantities and units Part 11 Characteristics numbers
28	PGD 1 (16652) Revision of: IS/ISO 80000-12:2009	Quantities and units Part 12 Condensed matter physics
29	PGD 1 (16809) Revision of: IS/ISO 80000:2009	Quantities and units Part 2 Mathematics
30	PGD 1 (16810) Revision of: IS/ISO 80000:2006	QUANTITIES AND UNITS PART 4 MECHANICS
31	PGD 1 (16811) Revision of: IS/ISO 80000-8:2007	Quantities and units Part 8 Acoustics
32	PGD 1 (16812) Revision of: IS/ISO 80000-9:2009	Quantities and units Part 9 Physical chemistry and molecular physics
33	PGD 1 (17531) Revision of: IS 16450:2017	Graphical Symbols for Use on Equipment Registered Symbols
34	PGD 1 (17533) Revision of: IS 16451:2018	Graphical Symbols Safety Colours and Safety Signs Registered Safety Signs
35	PGD 1 (19182) Revision of: IS 196:1966	Atmospheric Conditions for Testing
36	PGD 1 (19806) Revision of: IS/ISO 80000:2009	Quantities and Units Part 1 General
37	PGD 1 (20319)	Basic Principles for Graphical Symbols for Use on Equipment Part 3 Guidelines For The Application of Graphical Symbols
38	PGD 1 (20320)	Basic Principles for Graphical Symbols for Use on Equipment Part 1 Creation of Graphical Symbols for Registration
39	PGD 1 (20321)	Public information guidance systems Part 3 Guidelines for the design and use of information index signs

40	PGD 1 (20322)	Graphical symbols Test methods Part 3 Method for testing symbol referent association
41	PGD 1 (21705) Revision of: IS/IEC 80000-6:2008	Quantities and Units Part 6 Electromagnetism
42	PGD 1 (21780) Revision of: IS 15504:2018	Graphical Symbols Registered Public Information Symbols
43	PGD 1 (27986)	Safety Information for the Content of Piping Systems and Tanks Part 1 Piping Systems
44	PGD 1 (27987)	Safety Information for the Content of Piping Systems and Tanks Part 2 Tanks
45	PGD 1 (27988)	Graphical Symbols -- Safety Colours and Safety Signs -- Natural Disaster Safety way Guidance System
46	PGD 1 (27992)	Public Information Guidance Systems Part 4 Installation and Assessment
47	PGD 1 (27993)	Graphical Symbols - Safety Colours and Safety Signs - Guidance for the Development and use of a Safety Signing System

**Total Published Standards:55 Total Standards Under development:47**

### Aspect Wise Report

Product : 0  
 Code of Practices : 7  
 Methods of Test : 4  
 Terminology : 5  
 Dimensions : 0  
 System Standard : 1  
 Safety Standard : 21  
 Others : 12  
 Service Specification : 0  
 Process Specification : 0  
 Unclassified : 5

### Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.	IS No. & Year	Title
1	IS 10005:1994 ISO 1000	SI Units and Recommendations for the Use of their Multiples and of Certain Other Units
2	IS 10807:1984	Axles with brakes of trailer for power tillers
3	IS 15502:2004 ISO/TR 7239	Development and principles for application of public information symbols
4	IS 15503:2004 ISO 9186	Graphical Symbols - Test Methods for judged comprehensibility and for comprehension
5	IS 1722:1960	Guide For Specifying--Metric Values In Standards
6	IS 1890:1995	Quantities and units Part 0 General Principles
7	IS 1890 (Part 1):1995 ISO 31/1	Quantities and Units - Part 1 Space and Time
8	IS 1890 (Part 10):1995 ISO 31/10 ISO 31-10 : 1992	Quantities and units Part 10 nuclear reactions and ionizing radiations First Revision
9	IS 1890 (Part 11):1995 ISO 31/11	Quantities and Units Part 11 Mathematical signs and symbols for use in the physical sciences and technology
10	IS 1890 (Part 12):1995 ISO 31/12	Quantities and units Part 12 Characteristic numbers

11	IS 1890 (Part 13):1997 ISO 31/13	Quantities and units Part 13 Solid state physics
12	IS 1890 (Part 2):1995 ISO 31-2	Quantities and Units Part 2 Periodic and related phenomena
13	IS 1890 (Part 3):1995 ISO 31/3	Quantities and Units Part 3 Mechanics
14	IS 1890 (Part 4):2001 ISO 31/4	Quantities Units and Symbols - Part 4 Heat
15	IS 1890 (Part 5):1995 ISO 31/5	Quantities and Units Part 5 Electricity and magnetism
16	IS 1890 (Part 6):1997 ISO 31/6	Quantities and Units - Part 6 Light and Related Electromagnetic Radiations
17	IS 1890 (Part 7):1995 ISO 31/7	Quantities and Units - Part 7 Acoustics
18	IS 1890 (Part 8):1995 ISO 31/8 ISO 31-8 : 1992	Indian standard quantities and units Part 8 physical chemistry and molecular physics First Revision
19	IS 1890 (Part 9):1995 ISO 31/9	Quantities and units Part 9 Atomic and nuclear physics
20	IS 2666:1963	Slide Rules Linear Type
21	IS 5851:1970	Finixhes With External Screw Thread For Glass Containers And Gauges For Inspection Of Screw Closures
22	IS 792:1964	Title-page and back of title-page of a book
23	IS/IEC 80000-14:2008 IEC 80000-14 : 2008 IEC 80000-14 : 2008	Quantities and units Part 14 telebiometrics related to human physiology
24	IS 8463:1987	Axle Assembly For Agricultural Tractor-trailer

### Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
<i>No Records Found</i>		