### **BUREAU OF INDIAN STANDARDS**

### **Program of Work**

### **PGD 24 : Drawings**

Scope: Formulation of code of practice for general engineering drawings and related standards.

Liaison: ISO TC-10 (P): Technical product documentation ISO TC-10 SC-1 (P): Basic

conventions ISO TC-10 SC-10 (O): Process plant documentation ISO TC-10

SC-6 (P): Mechanical engineering documentation ISO TC-10 SC-8 (P): Construction

documentation

### **Published Standards**

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10711:2001	Technical product documentation	March, 2023	1	Identical under dual
	ISO 5457	Sizes and layout of drawing			numbering
	Reviewed In: 2023	sheets (First Revision)			
	ISO 5457 : 1999				
2	IS 10712:2018	Technical product documentation	August, 2023	-	Identical under dual
	ISO 6433	Part references (First Revision)			numbering
	Reviewed In: 2023				
	ISO 6433 : 2012				
3	IS 10713:1983	Scales for use on technical	February, 2021	-	Identical under dual
	ISO 5455	drawings (ISO Title : Technical			numbering
	Reviewed In: 2021	Drawings Scales)			
	ISO 5455 : 1979				
4	IS 10714 (Part	Technical product documentation		-	Identical under dual
	1):2023	(TPD) General principles of			numbering
	ISO 128-1:2020	representation: Part 1 Introduction			
	ISO 128-1 : 2020	and fundamental requirements			
		(First Revision)			
5	IS 10714 (Part	Technical product documentation		-	Identical under dual
	2):2023	(TPD) General principles of			numbering
	ISO 128-2:2022	representation: Part 2 Basic			
	ISO 128-2:2022	conventions for lines			
6	IS 10714 (Part	Technical product documentation		-	Identical under dual
	3):2023	(TPD) General principles of			numbering
	ISO 128-3:2022	representation: Part 3 Views,			
	ISO 128-3:2022	sections and cuts			
7	IS 10714 (Part	Technical Product Documentation	August, 2023	-	Identical under dual
	15):2019	(TPD) General principles of			numbering
	ISO 128-15 : 2013	presentation: Part 15 Presentation			
	Reviewed In: 2023	of shipbuilding drawings			
	ISO 128-71:2010				
8	IS 10714 (Part	Technical product documentation	August, 2023	-	Identical under dual
	71):2019	(TPD) General principles of			numbering
	ISO/TS 128-71:	presentation: Part 71 Simplified			
	2010	representation for mechanical			
	Reviewed In: 2023	engineering drawings			

I	ISO 128-15:2013	1			
9	IS 10715 (Part	Technical drawings Screw	February, 2021	-	Identical under dual
	1):1999	threads and threaded parts: Part 1	<b>3</b> /		numbering
	ISO 6410-1	General conventions (First			
	Reviewed In: 2021	Revision)			
	ISO 6410-1 : 1993	232 (38282)			
10	IS 10715 (Part	Technical drawings Screw	February, 2021	_	Identical under dual
10	2):1999	threads and threaded parts: Part 2	10014411, 2021		numbering
	ISO 6410-2	Screw thread inserts			namoernig
	Reviewed In: 2021	Serew amount majores			
	ISO 6410-2 : 1993				
11	IS 10715 (Part	Technical drawings Screw		_	Identical under dual
''	3):2023	threads and threaded parts: Part 3			numbering
	ISO 6410-3:2021	Simplified representation (First			numbering
	ISO 6410-3:2021	Revision)			
12	IS 10716 (Part	Technical product documentation	March, 2022	_	Identical under dual
12	1):1999	Springs: Part 1 Simplified	Waren, 2022		numbering
	ISO 2162-1	representation (First Revision)			nambering
	Reviewed In : 2022	10presentation (1 fist Kevision)			
	ISO 2162-1 : 1993				
13	IS 10716 (Part	Technical product documentation	March, 2022	_	Identical under dual
13	2):1999	Springs: Part 2 Presentation of	1v1a1C11, 2U22	_	numbering
	ISO 2162-2	data for cylindrical helical			numbering
	Reviewed In : 2022	compression springs			
	ISO 2162-2 : 1993	compression springs			
14	IS 10716 (Part	Technical product documentation	March, 2022		Identical under dual
'	3):2015	Springs: Part 3 Vocabulary (First	1v1a1C11, 2U22		numbering
	ISO 26909 : 2009	Revision)			numbering
	Reviewed In : 2022	Revision)			
	ISO 26909 : 2009				
15	IS 10717:1983	Conventional representation of	February, 2021	_	Identical under dual
13	ISO 2203	gears on technical drawings (ISO	1 Columy, 2021		numbering
	Reviewed In: 2021	Title : Technical drawings			numbering
	ISO 2203 : 1973	Conventional Representation of			
	150 2203 . 1773	Gears)			
16	IS 10718:2021	Geometrical product specifications		_	Identical under dual
10	ISO 3040:2016	(GPS) — Dimensioning and			numbering
	ISO 3040:2016	tolerancing — Cones (Second			namoernig
	100 30 10.2010	Revision)			
17	IS 10720:1999	Technical drawings Simplified	March, 2022	_	Identical under dual
'	ISO 5261	representation of bars and profile			numbering
	Reviewed In: 2022	sections (First Revision)			
	ISO 5261 : 1995	(1 1100 100 11011)			
18	IS 10721:2023	Geometrical product specifications		_	Identical under dual
	ISO 5459:2011	(GPS) Geometrical tolerancing			numbering
	ISO 5459:2011	Datums and datum systems (First			
		Revision)			
19	IS 10722 (Part	Graphical symbols for elements of	February, 2021	-	Identical under dual
	1):1983	kinematic diagrams: Part 1	· · · · · · · · · · · · · · · · · ·		numbering
	ISO 3952-1				<del></del> 6
	Reviewed In: 2021				
	ISO 3952-1 : 1981				
20	IS 10722 (Part	Graphical symbols for elements of	February, 2021	-	Identical under dual
	2):1983	kinematic diagrams: Part 2	<b>y</b> ,		numbering
	ISO 3952-2				· <del></del> 6
	Reviewed In: 2021				
	ISO 3952-2 : 1981				
21	IS 10722 (Part	Graphical symbols for kinematic	February, 2021	-	Identical under dual
	3):1983	diagrams: Part 3	<b>.</b>		numbering
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ĺ	ISO 3952-3	ı		1	1
	Reviewed In : 2021				
	ISO 3952-3 : 1979				
22	IS 10722 (Part	Graphical symbols for elements of	March, 2022		Identical under dual
22	4):1985 kinematic diagrams: Part 4		_	numbering	
	ISO 3952-4	Kinematic diagrams. 1 art 4			numbering
	Reviewed In : 2022				
	ISO 3952-4 : 1984				
23	IS 10967:1984	Guide for the preparation of	March, 2022	_	Indigenous
23	Reviewed In : 2022	variant drawings	March, 2022	_	margenous
24	IS 10968:1984	Drawing practice for simplified	March, 2024	_	Indigenous
24	Reviewed In : 2024	presentation	Waten, 2024	_	margenous
	Decision taken to	presentation			
	Reaffirm and				
	Archive				
25	IS 10990 (Part	Technical product documentation		_	Identical under dual
	1):2023	Simplified representation of			numbering
	ISO 6412-1:2017	pipelines: Part 1 General rules and			numbering
	ISO 6412-1:2017	orthogonal representation (Second			
	150 0412-1.2017	Revision)			
26	IS 10990 (Part	Technical product documentation			Identical under dual
	2):2023	Simplified representation of			numbering
	ISO 6412-2:2017	pipelines: Part 2 Isometric			namoering
	ISO 6412-2:2017	projection (Second Revision)			
27	IS 10990 (Part	Technical product documentation		_	Identical under dual
-'	3):2023	Simplified representation of			numbering
	ISO 6412-3:2017	pipelines: Part 3 Terminal features			
	ISO 6412-3:2017	of ventilation and drainage systems			
		(First Revision)			
28	IS 11154 (Part	Nameplates Dimensions: Part 1	March, 2022	-	Indigenous
	1):1994	Square and rectangular nameplates			
	Reviewed In: 2022	(First Revision)			
29	IS 11154 (Part	Nameplates Dimensions: Part 2	March, 2022	-	Indigenous
	2):1994	Circular nameplates (First			
	Reviewed In: 2022	Revision)			
30	IS 11154 (Part	Nameplates Dimensions: Part 3	March, 2022	-	Indigenous
	3):1994	Triangular nameplates (First			
	Reviewed In: 2022	Revision)			
31	IS 11154 (Part	Nameplates Dimensions: Part 4	March, 2022	-	Indigenous
	4):1994	Elliptical and segmental			
	Reviewed In : 2022	nameplates (First Revision)			T.1
32	IS 11158:2023	Technical Product Documentation		-	Identical under dual
1	ISO 7083:2021	Symbols used in Technical			numbering
	ISO 7083:2021	Product Documentation			
		Proportions and Dimensions (First			
33	IS 11663:1986	Revision)	February, 2021	+	Indianova
33	Reviewed In : 2021	Conventional representations of common features and materials on	reoruary, 2021	-	Indigenous
	Kevieweu III : 2021	technical drawings			
34	IS 11664:1986	Folding of drawing prints	February, 2021	_	Indigenous
) <del>+</del>	Reviewed In : 2021	1 olding of drawing prints	1 Colualy, 2021	_	murgenous
35	IS 11665:2010	Technical product documentation	March, 2022	_	Identical under dual
	ISO 2173	Data fields in title blocks and	1.141011, 2022		numbering
	Reviewed In: 2022	document headers (First Revision)			indiniooning
	ISO 7200 : 2004	detailed leaders (1 list Revision)			
36	IS 11666:2015	Technical product documentation	March, 2022	_	Identical under dual
	ISO 7573 : 2008	Parts lists (First Revision)			numbering
	Reviewed In: 2022	(			
	ISO 7573 : 2008				
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37	IS 11668:1985	Technical drawings Simplified	March, 2022	1 -	Identical under dual
	ISO 6411	representation of centre holes	,		numbering
	Reviewed In: 2022				
20	ISO 6411 : 1982		E 1 2021		71 1 1 1 1
38	IS 11669:1986 ISO 129	General principles of dimensioning on technical drawings	February, 2021	-	Identical under dual numbering
	Reviewed In: 2021	on technical drawings			numbering
	ISO 129 : 1985				
39	IS 11670:1993	Technical drawings	February, 2021	_	Indigenous
	Reviewed In: 2021	Abbreviations and symbols for use	<b>3</b> /		
		in technical drawings (First			
		Revision)			
40	IS 12160:2015	Geometrical product specifications	February, 2021	-	Identical under dual
	ISO 8015 : 2011	(GPS) Fundamentals Concepts,			numbering
	Reviewed In : 2021	principles and rules (First			
41	ISO 8015 : 2011 IS 12461 (Part	Revision) Simplified presentation of	March, 2023		Indigenous
41	2):2017	technical documents (Guide for	Maich, 2023	_	margenous
	2).2017	preparation of order drawings for			
	Reviewed In: 2023	bought-out parts) (First Revision)			
42	IS 13088:2021	Technical product documentation		-	Identical under dual
	ISO 6413:2018	— Representation of splines and			numbering
	ISO 6413:2018	serrations (First Revision)			
43	IS 13099:2024	Geometrical product specifications		-	Identical under dual
	ISO 5458 : 2018	(GPS) Geometrical tolerancing			numbering
	ISO 5458 : 2018	Pattern and combined geometrical			
44	IS/ISO	specification (second revision)  Technical product documentation			Identical under single
44	13567-1:2017	— Organization and naming of		_	numbering
	ISO 13567-1:2017	layers for CAD — Part 1:			numbering
	ISO 13567-1:2017	Overview and principle (First			
		Revision)			
45	IS/ISO	Technical product documentation		-	Identical under single
	13567-2:2017	— Organization and naming of			numbering
	ISO 13567-2:2017	layers for CAD — Part 2:			
	ISO 13567-2:2017	Concepts, format and codes used in			
		construction documentation (First Revision)			
46	IS 13637 (Part	Technical drawings Rolling	February, 2021	_	Identical under dual
10	1):1993	bearings: Part 1 General simplified	1 cordary, 2021		numbering
	ISO 8826-1	representation			
	Reviewed In: 2021				
	ISO 8826-1:1989				
47	IS 13637 (Part	Technical drawings Rolling	February, 2021	-	Identical under dual
		bearings: Part 2 Detailed simplified			numbering
	ISO 8826-2	representation			
	Reviewed In: 2021 ISO 8826-2: 1994				
48	IS 13638 (Part	Technical drawings Seals for	February, 2021	<del> </del> -	Identical under dual
'	1):1993	dynamic application: Part 1	1 001 001 1, 2021		numbering
	ISO 9222-1	General simplified representation			
	Reviewed In: 2021				
	ISO 9222-1 : 1989				
49	IS 13638 (Part	Technical drawings Seals for	February, 2021	-	Identical under dual
	2):1993	dynamic application: Part 2			numbering
	ISO 9222-2	Detailed simplified representation			
	Reviewed In: 2021 ISO 9222-2: 1989				
50	IS 14412:1996	Technical drawings Indication	March, 2023	_	Indigenous
1	1.5 11112.1770	- I I I I I I I I I I I I I I I I I I I			

I	Reviewed In: 2023	for revision of drawings			
51	IS 14722:2016	Geometrical product specifications	March, 2023	_	Identical under dual
	ISO 10135 : 2007	(GPS) Drawing indications for	,		numbering
	Reviewed In: 2023	moulded parts in technical product			
	ISO 10135 : 2007	documentation (TPD) (First			
		Revision)			
52	IS 15021 (Part	Technical drawings Projection	March, 2023	-	Identical under dual
	1):2001	methods: Part 1 Synopsis			numbering
	ISO 5456-1				
	Reviewed In: 2023				
	ISO 5456-1 : 1996				
53	IS 15021 (Part	Technical drawings Projection	March, 2023	-	Identical under dual
	2):2001	methods: Part 2 Orthographic			numbering
	ISO 5456-2	representations			
	Reviewed In: 2023				
	ISO 5456-2 : 1996				*
54	IS 15021 (Part	Technical drawings Projection	March, 2023	-	Identical under dual
	3):2001	methods: Part 3 Axonometric			numbering
	ISO 5456-3	representations			
	Reviewed In: 2023				
55	ISO 5456-3 : 1996 IS 15021 (Part	Technical drawings Projection	February 2021		Identical under dual
33	4):2001	Technical drawings Projection methods: Part 4 Central projection	February, 2021	-	numbering
	4):2001 ISO 5456-4	memous. Fart 4 Central projection			numbering
	Reviewed In : 2021				
	ISO 5456-4 : 1996				
56	IS 15022 (Part	Design of graphical symbols for	March, 2022	_	Indigenous
	1):2017	use in the technical product	11111011, 2022		margonous
	· · · · · · · · · · · · · · · · · · ·	documentation of products: Part 1			
	Reviewed In: 2022	Basic rules (First Revision)			
57	IS 15023 (Part	Technical drawings Simplified	March, 2023	-	Identical under dual
	1):2001	representation of the assembly of	•		numbering
	ISO 5845-1	parts with fasteners: Part 1 General			
	Reviewed In: 2023	principles			
	ISO 5845-1 : 1995				
58	IS 15023 (Part	Technical drawings Simplified	March, 2023	-	Identical under dual
	2):2001	representation of the assembly of			numbering
	ISO 5845-2	parts with fasteners: Part 2 Rivets			
	Reviewed In: 2023	for aerospace equipment			
	ISO 5845-2 : 1995				
59	IS 15024:2011	Technical product documentation	March, 2022	-	Identical under dual
	ISO 11442 : 2006	Document management (First			numbering
	Reviewed In : 2022	Revision)			
60	ISO 11442 : 2006 IS 15044:2019	Geometrical Product	August, 2023	_	Identical under dual
00	ISO 10579 : 2010	Specifications (GPS)	August, 2023	-	numbering
	Reviewed In : 2023	Dimensioning and Tolerancing			numbering
	ISO 10579 : 2010	Non-rigid parts (First Revision)			
61	IS 15093:2002	Construction drawings Spaces	March, 2023	_	Identical under dual
"	ISO 9431	for drawing and for text, and title			numbering
	Reviewed In: 2023	blocks on drawing sheets			
	ISO 9431 : 1990				
62	IS 15726:2021	Technical product documentation		-	Identical under dual
	ISO 13715:2017	— Edges of undefined shape —			numbering
	ISO 13715:2017	Indication and dimensioning (First			
		Revision)			
63	IS 15942:2011	Technical drawings Symbolic	March, 2022	-	Identical under dual
	ISO 15785 : 2002	presentation and indication of			numbering
	Reviewed In: 2022	adhesive, fold and pressed joints			
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I	ISO 15785 : 2002			I	
64	IS 16615:2018	Technical Drawings	August, 2023	_	Identical under dual
	ISO 4172 : 1991	Construction drawings Drawings	, · · ·		numbering
	Reviewed In: 2023	for the assembly of prefabricated			
	ISO 4172 : 1991	structures			
65	IS 16754:2018	Technical Drawings	August, 2023	-	Identical under dual
	ISO 7437 : 1990	Construction drawings General	<i>C</i> ,		numbering
	Reviewed In: 2023	rules for execution of production			
	ISO 7437:1990	drawings for prefabricated			
		structural components			
66	IS 16763:2018	Technical Drawings	August, 2024	-	Identical under dual
	ISO 7518 : 1983	Construction drawings	<i>C</i> ,		numbering
	Reviewed In: 2024	Simplified representation of			C
	ISO 7518:1983	demolition and rebuilding			
67	IS 16768:2018	Technical Drawings	August, 2023	-	Identical under dual
	ISO 7519 : 1991	Construction drawings General			numbering
	Reviewed In: 2023	principles of presentation for			
	ISO 7519:1991	general arrangement and assembly			
		drawings			
68	IS 16776 (Part	Construction drawings	August, 2023	-	Identical under dual
	1):2018	Designation systems: Part 1			numbering
	ISO 4157-1 : 1998	Buildings and parts of buildings			
	Reviewed In: 2023				
	ISO 4157-1:1998				
69	IS 16776 (Part	Construction drawings	August, 2024	-	Identical under dual
	2):2018	Designation systems: Part 2 Room			numbering
	ISO 4157-2 : 1998	names and numbers			
	Reviewed In: 2024				
	ISO 4157-2:1984				
70	IS 16776 (Part	Construction drawings	August, 2023	-	Identical under dual
	3):2019	Designation systems: Part 3 Room			numbering
	ISO 4157-3 : 1998	identifiers			
	Reviewed In : 2023				
71	ISO 4157-3 : 1998	Combined combined for diagrams	Aco.ct 2022		Identical unden dual
71	IS 17083 (Part 1):2019	Graphical symbols for diagrams: Part 1 General information and	August, 2023	-	Identical under dual
	ISO 14617-1 : 2005	indexes			numbering
	Reviewed In : 2023	indexes			
	ISO 14617-1:2005				
72	IS 17083 (Part	Graphical symbols for diagrams:	August, 2023		Identical under dual
'-	2):2019	Part 2 Symbols having general	1 1 ugust, 2023	_	numbering
	ISO 14617-2 : 2002				namoenng
	Reviewed In : 2023	аррисаноп			
	ISO 14617-2 : 2002				
73	IS 17083 (Part	Graphical symbols for diagrams:	August, 2023	-	Identical under dual
	3):2019	Part 3 Connections and related	6, 4		numbering
	ISO 14617-3 : 2002				6
	Reviewed In: 2023				
	ISO 14617-3:2002				
74	IS 17083 (Part	Graphical symbols for diagrams:	August, 2023	-	Identical under dual
	4):2019	Part 4 Actuators and related	-		numbering
	ISO 14617-4 : 2002	devices			-
	Reviewed In: 2023				
	ISO 14617-4:2002				
75	IS 17083 (Part	Graphical symbols for diagrams:	August, 2023	-	Identical under dual
	5):2019	Part 5 Measurement and control			numbering
	ISO 14617-5 : 2002	devices			
	Reviewed In: 2023				
	ISO 14617-15:2002				
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76	IS 17083 (Part	Graphical symbols for diagrams:	August, 2023	-	Identical under dual
	6):2019	Part 6 Measurement and control			numbering
	14617-6 : 2002	functions			
	Reviewed In: 2023				
	ISO 14617-6:2002				
77	IS 17083 (Part	Graphical symbols for diagrams:	August, 2023	-	Identical under dual
	7):2019	Part 7 Basic mechanical			numbering
	ISO 14617-7 : 2002	components			
	Reviewed In: 2023				
	ISO 14617-7:2002				
78	IS 17083 (Part	Graphical symbols for diagrams:	August, 2023	-	Identical under dual
	8):2019	Part 8 Valves and dampers			numbering
	ISO 14617-8 : 2002				
	Reviewed In : 2023				
79	ISO 14617-8:2002 IS 17083 (Part	Graphical symbols for diagrams:	August, 2023		Identical under dual
19	9):2019	Part 9 Pumps, compressors and	August, 2023	-	numbering
	ISO 14617-9 : 2002	fans			numbering
	Reviewed In : 2023	Tans			
	ISO 14617-9:2002				
80	IS 17083 (Part	Graphical symbols for diagrams:	August, 2023	_	Identical under dual
	10):2019	Part 10 Fluid power converters	11ugust, 2023		numbering
	ISO 14617-10 : 2002				g
	Reviewed In: 2023				
	ISO 14617-10:2002				
81	IS 17083 (Part	Graphical symbols for diagrams:	August, 2023	-	Identical under dual
	11):2019	Part 11 Devices for heat transfer			numbering
	ISO 14617-11 : 2002	and heat engines			
	Reviewed In: 2023	_			
	ISO 14617-11:2002				
82	IS 17083 (Part	Graphical symbols for diagrams:	August, 2023	-	Identical under dual
	12):2019	Part 12 Devices for separating,			numbering
	ISO 14617-12 : 2002	purification and mixing			
	Reviewed In: 2023				
	ISO 14617-12:2002				
83	IS 17083 (Part	Graphical symbols for diagrams:	August, 2023	-	Identical under dual
	13):2019	Part 13 Devices for material			numbering
	ISO 14617-13 : 2004	processing			
	Reviewed In : 2023				
84	ISO 14617-13:2004	Graphical armhala far dia area	August, 2023	-	Identical under dual
04	IS 17083 (Part 14):2019	Graphical symbols for diagrams: Part 14 Devices for transport and	August, 2023	_	numbering
	ISO 14617-14 : 2004	-			numbering
	Reviewed In : 2023	nanoning of material			
	ISO 14617-14:2004				
85	IS 17083 (Part	Graphical symbols for diagrams:	August, 2023	-	Identical under dual
	15):2019	Part 15 Installation diagrams and	<i>U</i> ,		numbering
	ISO 14617-15 : 2002				
	Reviewed In: 2023	•			
	ISO 14617-15:2002				
86	IS 17166:2019	Technical product documentation	August, 2023	-	Identical under dual
	ISO 15787 : 2016	Heat-treated ferrous parts			numbering
	Reviewed In: 2023	Presentation and indications			
	ISO 15787:2016				
87	IS 17167:2019	Technical product documentation	August, 2023	-	Identical under dual
	ISO 15226 : 1999	Life cycle model and allocation			numbering
	Reviewed In : 2023	of documents			
00	ISO 15226:1999	Diament d. 1. 1. 1. 1.	A / 2022	1	T.1
88	IS 17170 (Part	Diagrams for the chemical and	August, 2023	-	Identical under dual

Display	1	l 1) 2010			1	1
Reviewed In : 2023   150 10628-1-2014   Diagrams for the chemical and 2,2019   151 17170 (Part 2,2019   150 10628-2-2012   Carphical symbols   Reviewed In : 2023   Society   150 1371-2019   Society		· · · · · · · · · · · · · · · · · · ·				numbering
IS 10   10   10   10   10   10   10   10			Specification of diagrams			
18   15   17170 (Part   2),2019   18   10   10   20   20   20   20   20   20						
Proceedings   Procedings   Pr	80		Diagrams for the chemical and	August 2023	_	Identical under dual
SO 10628-2:2012   Graphical symbols   Reviewed In: 2023   Simplified representation of Reviewed In: 2023   Simplified representation of Reviewed In: 2024   Simplified representation of Reviewed In: 2024   Simplified representation of Reviewed In: 2023   Simplified Reviewed In: 2024   Simplified Reviewed In: 20204   Simplified Review		,	_	August, 2023		
Reviewed In: 2023   ISO 10682-2:2012   Construction drawings -		,	-			numbering
ISO 10628-2-2012   90   IS 17171:2019   Construction drawings   ISO 3766 : 2003   Simplified representation of concrete reinforcement   Reviewed in : 2024   So 3766-2003   Simplified representation of concrete reinforcement   Simplified representation   Simplified representation   Simplified representation   Simplified representation   Simplified reinforcement   Simplified reference   Simplified referencement   Simplified reference   Simp			Grapinear symbols			
Society						
ISO 3766 : 2003   Simplified representation of Reviewed In : 2024   ISO 3766: 2003   Simplified representation of concrete reinforcement   ISO 3766: 2003   ISO 1799 : 1994   Reviewed In : 2025   ISO 1799 : 1994   Technical product documentation (TPD) - Protection of (TPD) - Protection of (TPD) - Protection of (TPD) - Indication of dimensions and tolerances: Part 1   General principles   ISO 129-1-2018   ISO 129-4 : 2013   ISO 129-5 : 2018	90		Construction drawings	August, 2024	_	Identical under dual
Reviewed In: 2024   concrete reinforcement   IS 17173-2019   Construction drawings -						
18   17173:2019   Construction drawings   Landscape drawing practice   Landscape drawing practice   Reviewed In : 2023   Construction drawings   Landscape drawing practice   State						
ISO 11091 : 1994   Reviewed In : 2023   ISO 11091:1994   Reviewed In : 2023   ISO 11091:1994   ISO 1201:1994		ISO 3766:2003				
Reviewed In : 2023   ISO 11091:1994	91	IS 17173:2019	Construction drawings	August, 2023	-	Identical under dual
18   18   18   18   18   18   18   18		ISO 11091 : 1994	Landscape drawing practice			numbering
Signature   Sign		Reviewed In: 2023				
1):2023   (TPD) - Presentation of imensions and tolerances: Part 1   General principles   Technical product documentation   150 129-1:2018   Technical product documentation   TPD) - Indication of dimensions   and tolerances: Part 4   Dimensioning of shipbuilding   drawings   Technical product documentation   TSD 129-4:2013   Technical product documentation   TSD 129-5:2018   TSD 129-5:2015		ISO 11091:1994				
180 129-1:2018   dimensions and tolerances: Part 1   General principles	92	IS 18257 (Part	Technical product documentation		-	Identical under dual
ISO 129-1:2018   General principles   Technical product documentation   (TPD) Indication of dimensions and tolerances: Part 4   Dimensioning of shipbuilding drawings   Technical product documentation   - Identical under dual numbering		1):2023	(TPD) Presentation of			numbering
93		ISO 129-1:2018	dimensions and tolerances: Part 1			
A   2024   ISO 129-4 : 2013   and tolerances: Part 4   Dimensioning of shipbuilding drawings     94		ISO 129-1:2018				
ISO 129-4 : 2013	93	· ·			-	Identical under dual
180 129-4 : 2013		4):2024	(TPD) Indication of dimensions			numbering
Grawings						
18   18   18   18   25   7   (Part 5)   20   24   18   18   20   29   20   20   20   20   20   20		ISO 129-4 : 2013	Dimensioning of shipbuilding			
So   129-5   2018			·			
ISO 129-5 : 2018   ISO 10209:2022   ISO 201920-1 : 2021   ISO 201920-1 : 2010   ISO 15519-1 : 2010   ISO 15519-1 : 2010   ISO 15519-1 : 2010   ISO 15519-2 : 2015   ISO 16702 : 2021   ISO 16702 : 2021   ISO 16702 : 2021   ISO 16792 :	94	,			-	
SS   129-5   2018   structural metal work   Technical product documentation   - Identical under dual   numbering		· · · · · · · · · · · · · · · · · · ·				numbering
95			-			
ISO 10209:2022   ISO 10209:2022   ISO 10209:2022   ISO 10209:2022   ISO 10209:2022   ISO 21920-1 : 2021   ISO 15519-1 : 2010   ISO 15519-1 : 2010   ISO 15519-2 : 2015   ISO 15519-2 : 2015   ISO 15519-2 : 2015   ISO 16016 : 2016   ISO 16016 : 2016   ISO 16792 : 2021   ISO 1679	0.5					71 2 1 1 1 1
ISO 10209:2022   technical drawings product definition and related documentation	95				-	
definition and related documentation   1):2024   Geometrical product specifications   1):2024   (GPS) Surface texture Profile:   1SO 21920-1 : 2021   Part 1 Indication of surface texture   1SO 21920-1 : 2021   Part 1 Indication of surface texture   1SO 21920-1 : 2021   Part 1 Indication of surface texture   1SO 21920-1 : 2021   Part 1 Indication of surface texture   1SO 21920-1 : 2021   Part 1 Indication of surface texture   1SO 21920-1 : 2021   Part 1 Indication of surface texture   Part 1 Indication   Part 1 Indication of surface texture   Part 1 Indication   Part 1 Indication of surface texture   Part 1 Indication   Part 1 Indication of surface texture   Part 1 Indication   Pa						numbering
		180 10209:2022	~ I			
96						
1):2024   (GPS) Surface texture Profile:	06	IC 19/22 (Dart				Identical under dual
ISO 21920-1 : 2021   Part 1 Indication of surface texture   ISO 21920-1 : 2021	90	T			_	
ISO 21920-1 : 2021   97		,	` '			numbering
S   18693 (Part   1):2024   Specification: Part 1 General rules   Specification: Part 2 General rules   Specification: Part 1 General rules   Specification: Part 2 General rules   Specification: Part 1 General rules   Specification: Part 2 General rules   Specification: Part 2 General rules   Specification: Part 1 General rules   Specification: Part 2 General rules   Specification: Part 1 General rules   Specification: Part 2 General rules   Sp			art i indication of surface texture			
1):2024   Specification: Part 1 General rules   numbering    98	97		Diagrams for process industry		_	Identical under dual
ISO 15519-1 : 2010	''	,				
ISO 15519-1 : 2010  98 IS 18693 (Part 2):2024		,	Specification 1 art 1 constant rates			inginio ¢rinig
S   18693 (Part 2):2024   Specification: Part 2 Measurement and control   S   18702:2024   ISO 15519-2 : 2015   S   18702:2024   Technical product documentation   ISO 16016 : 2016   S   18716:2024   Technical product documents and products   ISO 16792 : 2021   Technical product documentation   S   18716:2024   Technical product documentation   S   18716:2024   Technical product documents and products   Technical product documents and products   ISO 16792 : 2021   Technical product definition data   ISO 16792 : 2021   Technical product documentation   Technical under dual   ISO 16792 : 2021   Technical product documentation   Technical under dual   ISO 16792 : 2021   Technical product documentation   Technical under dual   ISO 16792 : 2021   Technical product documentation   Technical under dual   ISO 16792 : 2021   Technical product documentation   Technical under dual   ISO 16792 : 2021   Technical product documentation   Technical under dual   ISO 16792 : 2021   Technical product documentation   Technical under dual   ISO 16792 : 2021   Technical product documentation   Technical under dual   ISO 16792 : 2021   Technical product documentation   Technical under dual   ISO 16792 : 2021   Technical product documentation   Technical under dual   ISO 16792 : 2021   Technical product documentation   Technical under dual   Technical under						
2):2024   Specification: Part 2 Measurement   ISO 15519-2 : 2015   and control	98				-	Identical under dual
ISO 15519-2 : 2015  99 IS 18702:2024 Technical product documentation ISO 16016 : 2016 ISO 16016 I		· ·				
100   IS 18702:2024   Technical product documentation			<u> </u>			
100   IS 18702:2024   Technical product documentation	L	ISO 15519-2: 2015			<u> </u>	
ISO 16016 : 2016   the use of documents and products   100   IS 18716:2024   Technical product documentation   Digital product definition data   ISO 16792 : 2021   Digital product definition data   numbering       Digital product definition data       Digital product de	99	IS 18702:2024	Technical product documentation		-	Identical under dual
Technical product documentation   Identical under dual   ISO 16792 : 2021   Practices   Identical under dual   numbering		ISO 16016 : 2016	Protection notices for restricting			numbering
ISO 16792 : 2021 Digital product definition data practices  101 IS 18747 (Part 1):2024 Principles and methods IEC 82045-1 : 2001 IEC 82045-1 : 2001  102 SP 46:2003 Engineering drawing practice for February, 2021 - Indigenous		ISO 16016 : 2016				
ISO 16792 : 2021   practices	100				-	
101   IS 18747 (Part   Document management: Part 1   Principles and methods   IEC 82045-1 : 2001   IEC 82045-1 : 2001   IEC 82045-1 : 2001   SP 46:2003   Engineering drawing practice for   February, 2021   Indigenous   Indigenous   Identical under dual numbering   numbering   Identical under dual numbering   Identical under dual numbering   Identical under dual numbering   Indigenous   Indigenous   Identical under dual numbering   Identical under dual numb						numbering
1):2024   Principles and methods   numbering						
IEC 82045-1 : 2001	101	,			-	
IEC 82045-1 : 2001		· ·	Principles and methods			numbering
102 SP 46:2003 Engineering drawing practice for February, 2021 - Indigenous						
	102		Partnership 1	F-1- 2021	1	T. 1'
Keviewed In : 2021 Schools and colleges	102			February, 2021	-	Indigenous
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103	IS 7840:2023	Technical product documentation		-	Identical under dual
	ISO 6414:2020	(TPD) Technical drawings for			numbering
	ISO 6414:2020	glassware (Second Revision)			
104	IS 8000 (Part	Geometrical product specifications	August, 2023	-	Identical under dual
	1):2019	(GPS) Geometrical tolerancing:			numbering
	ISO 1101 : 2017	Part 1 Tolerances of form,			
	Reviewed In: 2023	orientation, location and run-out			
	ISO 1101:2017	(Second Revision)			
105	IS 8000 (Part	Geometrical product specifications		-	Identical under dual
	2):2024	(GPS) Geometrical tolerancing:			numbering
	ISO 2692 : 2021	Part 2 Maximum material			
	ISO 2692 : 2021	requirement (MMR), least material			
		requirement (LMR) and reciprocity			
		requirement (RPR) (third revision)			
106	IS 8000 (Part	Geometrical product specifications		-	Identical under dual
	3):2023	(GPS) Geometrical tolerancing:			numbering
	ISO 1660:2017	Part 3 Profile tolerancing (Third			
	ISO 1660:2017	Revision)			
107	IS 8000 (Part	Tolerances of form and of position	March, 2022	1	Indigenous
	4):1976	for engineering drawings: Part 4			
	Reviewed In: 2022	Practical examples of indications			
		on drawings			
108	IS 8976:1978	Guide for preparation and	March, 2023	-	Indigenous
	Reviewed In: 2023	arrangement of sets of drawings	,		
		and parts lists			
109	IS 9609 (Part	Technical product documentation		-	Identical under dual
	0):2024	Lettering: Part 0 General			numbering
	ISO 3098-1 : 2015	requirements (first revision)			nume or mg
	ISO 3098-1 : 2015	requirements (mist revision)			
110	IS 9609 (Part	Technical product documentation	March, 2023	_	Identical under dual
110	1):2006	Lettering: Part 1 Latin alphabet,	Waren, 2023		numbering
	Reviewed In: 2023	numerals and marks (Second			namoering
	ISO 3098-2 : 2000	Revision)			
111	IS 9609 (Part	Technical product documentation	February, 2021	_	Identical under dual
1	2):2006	Lettering: Part 2 Greek alphabet	1 cordary, 2021		numbering
	IEC 706-3	(First Revision)			numbering
	Reviewed In: 2021	(1 list Revision)			
	ISO 3098-3 : 2000				
112	IS 9609 (Part	Technical product documentation	March, 2023	_	Identical under dual
112	3):2006	Lettering: Part 3 Diacritical and	iviaicii, 2023		numbering
	IEC 706-2	particular marks for the latin			numbering
	Reviewed In: 2023	alphabet (First Revision)			
	ISO 3098-4 : 2000				
113	IS 9609 (Part	Technical product documentation	March, 2023		Identical under dual
113	4):2006	Lettering: Part 4 Cyrillic	iviaicii, 2023	_	numbering
	4):2006 IEC 706-2	alphabet (First Revision)			numbering
	Reviewed In: 2023	aiphaoct (Phst Revision)			
114	ISO 3098-6 : 2000	Lattering on technical drawings:	Fahmami 2021	+	Indianova
114	IS 9609 (Part	Lettering on technical drawings:	February, 2021	_	Indigenous
	5):1998	Part 5 Amplified devnagri letters			
	IEC 706-2				
117	Reviewed In: 2021	Tashulash we deed de	Main-1- 2022		Tdansi11 1 1
115	IS 9609 (Part	Technical product documentation	March, 2023	-	Identical under dual
	6):2001	Lettering: Part 6 Cad lettering of			numbering
	IEC 706-2	the latin alphabet, numerals and			
	Reviewed In : 2023	marks			
	ISO 3098-5 : 1997			1	

### **Standards under Development**

		Projects Approved	
SI. No.	SI. No. Doc No. Title		
	No Records Found		

		Preliminary Draft Standards
SI. No.	Doc No.	Title
No Records Found		

		Drafts Standards in WC Stage	
SI. No.	SI. No. Doc No. Title		
No Records Found			

Draft Standards Completed WC Stage		
SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standard		
SI. No.	Doc No.	Title
No Records Found		

		Finalized Draft Indian Standards under Print
SI. No.	Doc No.	Title
No Records Found		

Total Published Standards:107 Total Standards Under development:0

## **Aspect Wise Report**

Product: 1
Code of Practices: 0
Methods of Test: 1
Terminology: 14
Dimensions: 58
System Standard: 0
Safety Standard: 0
Others: 40

Service Specification : 0 Process Specification : 1 Unclassified : 0

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

SI. No.	IS No. & Year	Title
1	IS 10164:1985	Requirements to execute technical drawings for microcopying First Revision
	ISO 6428	
	Reviewed In: 2016 ISO	
	6428 : 1982	
2	IS 10714:1983	General principles of presentation on technical drawings
	Reviewed In: 1999	
		Technical drawings General principles of presentation Part 20 Basic conventions for lines

1 .	1	1
3	IS 10714 (Part 20):2001 ISO 128-20	
	Reviewed In: 2017 ISO	
	128-20: 1996	
4	IS 10714 (Part 21):2001	Technical drawings General principles of presentation Part 21 Preparation of lines by cad
	ISO 128-21	systems
	Reviewed In: 2017 ISO	
5	128-21 : 1997	
3	IS 10714 (Part 22):2006 Reviewed In : 2017 ISO	Technical drawings General principles of presentation Part 22 Basic conventions and applications for leader lines and reference lines
	128-22 : 1999	applications for leader times and reference times
6	IS 10714 (Part 23):2006	Technical drawings General principles of presentation Part 23 Lines on construction drawings
	ISO 128-23	
	Reviewed In: 2021 ISO	
	128-23 : 1999	
7	IS 10714 (Part 24):2018 ISO 128-24 : 2014	Technical drawings General principles of presentation Part 24 Lines on mechanical engineering drawings
	ISO 128-24 : 2014	drawnigs
8	IS 10714 (Part 25):2006	Technical drawings General principles of presentation Part 25 Lines on shipbuilding drawings
	ISO 128-25	
	Reviewed In: 2021 ISO	
	128-25 : 1999	
9	IS 10714 (Part 30):2006	Technical drawings General principles of presentation Part 30 Basic conventions for views
	ISO 128-30 Reviewed In : 2017 ISO	
	128-30 : 2001	
10	IS 10714 (Part 34):2006	Technical drawings General principles of presentation Part 34 Views on mechanical engineering
	ISO 128-34	drawings
	Reviewed In: 2017 ISO	
11	128-34 : 2001 IS 10714 (Part 40):2006	Technical drawings General principles of presentation Part 40 Basic conventions for cuts and
11	ISO 128-40	sections
	Reviewed In : 2021 ISO	occions
	128-40 : 2001	
12	IS 10714 (Part 43):2019	Technical Product Documentation TPD General principles of presentation Part 43 Projection
	ISO 128-43 : 2015	methods in building drawings
13	ISO 128-43:2015 IS 10714 (Part 44):2006	Technical drawings General principles of presentation Part 44 Sections on mechanical
13	ISO 128-44	engineering drawings
	Reviewed In: 2017 ISO	
	128-44 : 2001	
14	IS 10714 (Part 50):2020	Technical product documentation TPD General principles of presentation Part 50 Basic
	ISO 128-50 : 2001 ISO 128-50:2001	conventions for representing areas on cuts and sections
15	IS 10715:1983	Presentation of threaded parts on technical drawings
13	ISO 6410	resonation of unreaded parts on technical drawings
	Reviewed In: 2014	
16	IS 10716:1983	Rules for representation of springs on technical drawings
	ISO 2162	
17	Reviewed In : 2014	Companies and destructions CDS Indication of surface tentum in technical and dust
17	IS 10719:2015 ISO 1302 : 2002	Geometrical product specifications GPS Indication of surface texture in technical product documentation First Revision
	Reviewed In : 2021 ISO	documentation i not revision
	1302 : 2002	
18	IS 11065 (Part 1):1984	Drawing practice for axonometric projections Part 1 Isometric projection
	Reviewed In: 2005	
19	IS 11065 (Part 2):1985	Drawing Practice for Axonometric Projections - Part 2 Dimetric Projection
20	Reviewed In : 2005 IS 11667:1991	Technical drawings Linear and angular tolerancing Indication on drawings First Revision
20	15 11007.1991	1001111011 Oli urawingo Elifear and angular toleraneing indication on drawings 1/118t Revision

	ISO 406 Reviewed In : 2018 ISO 406 : 1987	
21	IS 12461 (Part 1):1988 Reviewed In: 2005	Simplified Presentation of Technical Documents Part 1 Guide for Preparation of Supplementary Drawings
22	SP 13:1976	Guide to the Principles of Geometrical Tolerancing
23	IS/ISO/TR 13567-3:1999 ISO/TR 13567-3:1999 Reviewed In: 2014 ISO 13567 (Part 1): 1998	Technical product documentation - Organization and naming of layers for cad Part 3 application o IS ISO 13567 - 1 and IS ISO 13567 - 2
24	IS/ISO 13715:1994 Reviewed In : 2010	Technical Drawings - Corners - Vocabulary and Indication on Drawings
25	IS 13847:1993 ISO 10578 Reviewed In : 2014 ISO 10578 : 1992	Technical drawings - Tolerancing of orientation and location - Projected tolerance zone
26	IS 15024 (Part 1):2001 ISO 11442-1 Reviewed In : 2014 ISO 11442-1 : 1993	Technical product documentation - Handling of computer - Based technical information Part 1 security requirements
27	IS 15024 (Part 2):2001 ISO 11442-2 Reviewed In : 2014 ISO 11442-2 : 1993	Technical product documentation - Handling of computer - Based technical information Part 2 original documentation
28	IS 15024 (Part 3):2001 ISO 11442-3 Reviewed In : 2014 ISO 11442-3 : 1993	Technical product documentation - Handling of computer - Based technical information Part 3 phases in the product design process
29	IS 15024 (Part 4):2001 ISO 11442-4 Reviewed In : 2014 ISO 11442-4 : 1993	Technical product documentation - Handling of computer - Based technical information Part 4 document management and retrieval systems
30	IS 15025:2001 ISO/TR 10623 Reviewed In : 2016 ISO/TR 10623 : 1991	Technical product documentation - Requirements for computer - Aided design and draughting - Vocabulary
31	IS 15054:2001 ISO/TR 5460 Reviewed In : 2017 ISO/TR 5460 : 1985	Technical drawings - Geometrical tolerancing - Tolerancing of form orientation location and runout - Verification principles and methods - Guidelines New English Title
32	IS 15057:2001 Reviewed In : 2006	Computer-Aided Design CAD Technique - Use of Computers for the Preparation of Construction for Drawings
33	IS 17083:2019 ISO 14617-2 : 2002 ISO 14617-2 : 2002	Graphical Symbols for Diagrams Part 2 Symbols Having General Application
34	IS 17168:2019 ISO 11540 : 2014 ISO 11540:2014	Writing and marking instruments Specification for caps to reduce the risk of asphyxiation
35	IS 17169:2019 ISO 12756 : 2016 ISO 12756:2016	Drawing and writing instruments Ball point pens and roller ball pens Vocabulary
36	IS 17205 (Part 2):2019 ISO 12757-2 : 1998 ISO 12757-2:1998	Ball point pens and refills Part 2 Documentary use DOC
37	IS 696:1972	Code of practice for general engineering drawings
38	IS 8930 (Part 1):1995 ISO 10209-1	Technical product documentation Vocabulary Part 1 Terms relating to technical drawings general and types of drawings First Revision

	Reviewed In : 2021 ISO 10209-1 : 1992	
39	IS 8930 (Part 2):2001 ISO 10209-2 Reviewed In : 2022 ISO 10209-2 : 1993	Technical product documentation Vocabulary Part 2 Terms relating to projection methods
40	IS 8930 (Part 4):2006 ISO 10209-4 Reviewed In : 2022 ISO 10209-4 : 1999	Technical product documentation Vocabulary Part 4 Terms relating to construction documentation

Annexure-II :List of Indian Product Standards			
SI. No.	IS No. & Year	Title	
1	IS/ISO 13567-2:2017	Technical product documentation Organization and naming of layers for CAD Part 2 Concepts	
	ISO 13567-2:2017	format and codes used in construction documentation First Revision	

ISO 10987-3