### **BUREAU OF INDIAN STANDARDS**

### **Program of Work**

### **PGD 15: Ergonomics**

Scope: Standardization is the field of ergonomics including terminology, technology, methodology and

human and other factors related to ergonomics common to all the spheres of life.

Liaison: ISO TC-159 (P): Ergonomics ISO TC-159 SC-1 (P): General ergonomics principles ISO

TC-159 SC-3 (P): Anthropometry and biomechanics ISO TC-159 SC-4 (P): Ergonomics of human-system interaction ISO TC-159 SC-5 (P): Ergonomics of the physical environment

### **Published Standards**

C No	IS No.	TITLE	Dooffing M V	No of Amada	Ti con
S.No	IS 13214 (Part 1):	Basic Human Body Measurements	Reaffirm M-Y	No. of Amds	<b>Eqv.</b> Identical under dual
1	2020	for Technological Design Part 1		-	
		Body Measurement Definitions and			numbering
		, ,			
2	ISO 7250-1 : 2008	Landmarks (Second Revision)			Identical under dual
2	IS 13214 (Part 3):	Basic human body measurements		-	
	2019	for technological design: Part 3			numbering
	ISO 7250-3 : 2016	worldwide and regional design			
	ISO 7250-3:2015	ranges for use in product standards			X1 1 1 1 1
3	IS 15257 : 2018	Spatial orientation and direction of	-	-	Identical under dual
	ISO 1503 : 2008	movement - Ergonomics			numbering
<u> </u>	ISO 1503 : 2008	requirements (First Revision)			
4	IS 15836 (Part 1):	Ergonomic design for the safety of	June, 2023	-	Identical under dual
	2008	machinery: Part 1 principles for			numbering
	ISO 15534-1	determining the dimensions			
	Reviewed In: 2023	required for openings for whole -			
	ISO 15534-1 : 2000	Body access into machinery			
5		, ,	May, 2021	-	Identical under dual
	2008	machinery: Part 2 principles for			numbering
	ISO 15534-2	determining the dimensions			
	Reviewed In: 2021	required for access openings			
	ISO 15534-2:2000				
6	IS 15836 (Part 3):	Ergonomic design for the safety of	May, 2021	-	Identical under dual
	2008	machinery: Part 3 anthropometric			numbering
	15534-3	data			
	Reviewed In: 2021				
	ISO 15534-3; 2000				
7	IS 16559 : 2019	Ergonomics of the Thermal	<u> </u>	-	Identical under dual
	ISO 7243 : 2017	Environment — Assessment of			numbering
	ISO 7243: 2017	Heat Stress Using the WBGT ( Wet			-
		Bulb Globe Temperature ) Index (			
		First Revision)			
8	IS 16560 : 2017	Ergonomics of the Thermal	November, 2022	-	Identical under dual
	ISO 7726 : 1998	Environment â€" Instruments for	,		numbering
	Reviewed In: 2022	Measuring Physical Quantities			
	ISO 7726 : 1998				

9	IS 16561 (Part 1): 2017	Ergonomic design of control centres: Part 1 principles for the	November, 2022	-	Identical under dual numbering
	ISO 11604-1 : 2000 Reviewed In : 2022 ISO 11064-1 : 2000	design of control centres			
10	IS 16561 (Part 2): 2017	Ergonomic design of control centres Part 2 Principles for the	November, 2022	-	Identical under dual numbering
	ISO 11064-2 : 2000 Reviewed In : 2022 ISO 11064-2 : 2000	Arrangement of Control Suites			
11	IS 16561 (Part 4): 2017 ISO 11064-4: 2013	Ergonomic design of control centres: Part 4 layout and dimensions of workstations	November, 2022	-	Identical under dual numbering
	Reviewed In: 2022 ISO 11064-4: 2013				
12	IS 16561 (Part 5) : 2018 ISO 11064-5 : 2008	Ergonomic design of control centres: Part 5 displays and controls	June, 2023	-	Identical under dual numbering
12	Reviewed In: 2023 ISO 11064-5: 2008				
13	IS 16561 (Part 6) : 2022 ISO 11604-6	ERGONOMIC DESIGN OF CONTROL CENTRES — PART 6: ENVIRONMENTAL		-	Identical under dual numbering
1.4	ISO 11604-6	REQUIREMENTS FOR CONTROL ROOMS	N 1 2022		T1 & 1 1 1 1
14	ISO 15536-1 : 2005	Ergonomics - Computer manikins and body templates: Part 1 general requirements	November, 2022	-	Identical under dual numbering
15	Reviewed In: 2022 ISO 15536-1: 2005 IS 16562 (Part 2):	Ergonomics - Computer manikins	June, 2023		Identical under dual
13	2018 ISO 15536 (Part 2): 2007 Reviewed In: 2023	and body templates: Part 2 verification of functions and validation of dimensions for computer manikin systems	June, 2023	-	numbering
	ISO 15536 (Part 2) : 2007				
16	IS 16563 (Part 2): 2017 ISO 9355-2:1999 Reviewed In: 2022	Ergonomic requirements for the design of displays and control actuators: Part 2 displays	November, 2022	-	Identical under dual numbering
17	ISO 9355-2:1999 IS 16563 (Part 3): 2017 ISO 9355-3:2006 Reviewed In: 2022	Ergonomic requirements for the design of displays and control actuators: Part 3 control actuators	November, 2022	-	Identical under dual numbering
18	ISO 9355-3 : 2006 IS 16564 : 2018 ISO 24504 : 2014 Reviewed In : 2023	Ergonomics - Accessible design - Sound pressure levels of spoken announcements for products and	June, 2023	-	Identical under dual numbering
19	ISO 24504 : 2014 IS 16565 : 2018 ISO 24503 : 2011	public address systems  Ergonomics - Accessible design - Tactile dots and bars on consumer		-	Identical under dual numbering
20	ISO 24503 : 2011 IS 16566 : 2017 ISO 24502 : 2010 Reviewed In : 2022	products Ergonomics-Accessible Design- Specification of Age Related Luminance Contrast for Coloured	November, 2022	-	Identical under dual numbering
21	ISO 24502 IS 16567 : 2018	Light Ergonomics - Accessible design -	June, 2023	-	Identical under dual

ı	ISO 24501 : 2010	Sound pressure levels of auditory		I	numbering
	Reviewed In : 2023	signals for consumer products			numbering
	ISO 24501 : 2010	signals for consumer products			
22	IS 16568 : 2017	Ergonomics - Accessible design -	November, 2022		Identical under dual
22	ISO 24500 : 2010	Auditory signals for consumer	November, 2022	_	numbering
	Reviewed In : 2022	products			numbering
	ISO 24500 : 2010	products			
23	IS 16569 : 2018	Ergonomics - System of auditory	June, 2023		Identical under dual
23	ISO 11429 : 1996	and visual danger and information	Julie, 2025	-	
	Reviewed In : 2023	e			numbering
	ISO 11429 : 1996	signals			
24		Erganomias Visual dangar signals	November, 2022		Identical under dual
24	ISO 11428 : 1996	Ergonomics - Visual danger signals	November, 2022	-	
	Reviewed In : 2022	- General requirements, design and			numbering
		testing			
25	ISO 11428 : 1996 IS 16572 : 2017	Safety of machinery -	November, 2022		Identical under dual
23	ISO 14738 : 2002	,	November, 2022	-	
	Reviewed In : 2022	Anthropometric requirements for			numbering
		the design of workstations at			
26	ISO 14738 : 2002	machinery Concret requirements for	Navambar 2022		Identical under duel
26	IS 16573 : 2017 ISO 15535: 2012	General requirements for	November, 2022	_	Identical under dual
		establishing anthropometric databases			numbering
	Reviewed In: 2022 ISO 15535: 2012	databases			
27	IS 16574 : 2017	Dringinles for calcating and using			Identical under dual
21	ISO 15537 : 2004	Principles for selecting and using test persons for testing		-	
	ISO 15537 : 2004 ISO 15537 : 2004	anthropometric aspects of			numbering
	130 13337 . 2004	= =			
28	IS 16595 (Part 5):	industrial products and designs  Ergonomic Requirements for			Identical under dual
20	2018	Office Work With Visual Display		-	numbering
	9241-5 : 1998	Terminals (VDTs) Part 5			numbering
	ISO 9241-5 : 1998	Workstation Layout and Postural			
	150 9241-3 . 1990	Requirements			
29	IS 16595 (Part 11):	Ergonomics of Human-System		_	Identical under dual
	2020	Interaction Part 11 Usability:			numbering
	ISO 9241-11 : 1998				numbering
	ISO 9241-11 : 2018	1 ,			
30	IS 16595 (Part 20):	Ergonomics of Human - System		_	Identical under dual
	2018	Interaction Part 20 Accessibility			numbering
	ISO 9241-20 : 2008				namoering
		Communication Technology (ICT)			
	150 /2 /1 20 . 2000	Equipment and Services			
31	IS 16595 (Part 110) :	Ergonomics of human-system		-	Identical under dual
	2023	Interaction Part 110 : Interaction			numbering
	ISO 9241-110:2020				
	ISO 9241-110:2020	1 1			
32	IS 16595 (Part 154) :	Ergonomics of human - System	June, 2023	-	Identical under dual
	2018	interaction: Part 154 interactive	, -		numbering
	ISO 9241-154 : 2013				
	Reviewed In: 2023	1 ( ) -			
	ISO 9241-154 : 2013				
33	IS 16595 (Part 171) :	Ergonomics of human-system		-	Identical under dual
	2023	interaction Part 171: Guidance on			numbering
	ISO 9241-171 : 2008				
	ISO 9241-171 :	9241-171			
	2008	·			
34	IS 16595 (Part 210) :	Ergonomics of human-system		-	Identical under dual
	2023	interaction Part 210: Human-			numbering
	ISO 9241-210:2019				
	ISO 9241-210:2019	C			
		<del>                                     </del>			1

	•	1		
35	IS 16595 (Part 300):	Ergonomics of human-system	-	Identical under dual
	2023	Interaction Part 300: Introduction		numbering
	ISO 9241-300:2008	to electronic visual display		
	ISO 9241-300:2008	requirements ISO 9241-300		
36	IS 16595 (Part 302):	Ergonomics of human-system	-	Identical under dual
	2023	Interaction Part 302: Terminology		numbering
	ISO 9241-302:2008	for electronic visual displays ISO		_
	ISO 9241-302:2008	± •		
37	IS 16595 (Part 410) :		_	Identical under dual
•	, , , , , , , , , , , , , , , , , , , ,	interaction part 410: design criteria		numbering
	ISO 9241-410 :	for physical input devices ISO		nume ving
	2008	9241-410		
	ISO 9241-410 :	7211 110		
	2008			
38	IS 16595 (Part 411) :	Ergonomics of human-system		Identical under dual
30	2023	Interaction Part 411: Evaluation	-	
				numbering
	ISO/TS 9241-411 :	method for the design of physical		
	2012	input devices ISO 9241-411		
	ISO/TS 9241-411:			
<u> </u>	2012			
39	IS 16595 (Part 971):	· ·	-	Identical under dual
	2023	Interaction Part 971: Accessibility		numbering
		of tactilehaptic interactive systems		
<u> </u>	ISO 9241-971:2020			
40	IS 17009 : 2018	Ergonomics - Evaluation of static	-	Identical under dual
	ISO 11226 : 2000	working postures		numbering
	ISO 11226 : 2000			
41	IS 17030 : 2018	3 - D scanning methodologies for	-	Identical under dual
	ISO 20685 : 2010	internationally compatible		numbering
	ISO 20685:2010	anthropometric databases		
42	IS 17030 (Part 2):	Ergonomics 3 - D scanning	-	Identical under dual
	2019	methodologies for internationally		numbering
	ISO 20685-2 : 2015			
	ISO 20685-2 : 2015	1		
		protocol of surface shape and		
		repeatability of relative landmark		
		positions		
43	IS 17031 (Part 1) :	Ergonomics â€" Manual Handling	_	Identical under dual
¬¬	2018	Part 1 Lifting and Carrying		identical ander dual
	2010			numbaring
1	ISO 11228 1 - 2002			numbering
1	ISO 11228-1 : 2003			numbering
11	ISO 11228-1:2003			
44	ISO 11228-1:2003 IS 17031 (Part 2):	Ergonomics â€" Manual Handling	-	Identical under dual
44	ISO 11228-1:2003 IS 17031 (Part 2): 2019		-	
44	ISO 11228-1:2003 IS 17031 (Part 2): 2019 ISO 11228-2:2007	Ergonomics â€" Manual Handling	-	Identical under dual
	ISO 11228-1:2003 IS 17031 (Part 2): 2019 ISO 11228-2:2007 ISO 11228-2:2007	Ergonomics â€" Manual Handling Part 2 Pushing and Pulling	-	Identical under dual numbering
44	ISO 11228-1:2003 IS 17031 (Part 2): 2019 ISO 11228-2:2007 ISO 11228-2:2007 IS 17031 (Part 3):	Ergonomics â€" Manual Handling Part 2 Pushing and Pulling  Ergonomics â€" Manual Handling	-	Identical under dual numbering  Identical under dual
	ISO 11228-1:2003 IS 17031 (Part 2): 2019 ISO 11228-2:2007 ISO 11228-2:2007 IS 17031 (Part 3): 2018	Ergonomics â€" Manual Handling Part 2 Pushing and Pulling  Ergonomics â€" Manual Handling Part 3 Handling of Low Loads at	-	Identical under dual numbering
	ISO 11228-1:2003 IS 17031 (Part 2): 2019 ISO 11228-2:2007 ISO 11228-2:2007 IS 17031 (Part 3): 2018 ISO 11228-3:2003	Ergonomics â€" Manual Handling Part 2 Pushing and Pulling  Ergonomics â€" Manual Handling	-	Identical under dual numbering  Identical under dual
45	ISO 11228-1:2003 IS 17031 (Part 2): 2019 ISO 11228-2:2007 ISO 11228-2:2007 IS 17031 (Part 3): 2018 ISO 11228-3:2003 ISO 11228-3:2007	Ergonomics â€" Manual Handling Part 2 Pushing and Pulling  Ergonomics â€" Manual Handling Part 3 Handling of Low Loads at High Frequency	-	Identical under dual numbering  Identical under dual numbering
	ISO 11228-1:2003 IS 17031 (Part 2): 2019 ISO 11228-2:2007 ISO 11228-2:2007 IS 17031 (Part 3): 2018 ISO 11228-3:2003 ISO 11228-3:2007 IS 17032:2018	Ergonomics â€" Manual Handling Part 2 Pushing and Pulling  Ergonomics â€" Manual Handling Part 3 Handling of Low Loads at High Frequency  Ergonomics Guidelines for the	-	Identical under dual numbering  Identical under dual numbering  Identical under dual
45	ISO 11228-1:2003 IS 17031 (Part 2): 2019 ISO 11228-2:2007 ISO 11228-2:2007 IS 17031 (Part 3): 2018 ISO 11228-3:2003 ISO 11228-3:2007 IS 17032: 2018 ISO/TS 20646:	Ergonomics â€" Manual Handling Part 2 Pushing and Pulling  Ergonomics â€" Manual Handling Part 3 Handling of Low Loads at High Frequency  Ergonomics Guidelines for the Optimization of Musculoskeletal	-	Identical under dual numbering  Identical under dual numbering
45	ISO 11228-1:2003 IS 17031 (Part 2): 2019 ISO 11228-2:2007 ISO 11228-2:2007 IS 17031 (Part 3): 2018 ISO 11228-3:2003 ISO 11228-3:2007 IS 17032:2018 ISO/TS 20646: 2014	Ergonomics â€" Manual Handling Part 2 Pushing and Pulling  Ergonomics â€" Manual Handling Part 3 Handling of Low Loads at High Frequency  Ergonomics Guidelines for the	-	Identical under dual numbering  Identical under dual numbering  Identical under dual
45	ISO 11228-1:2003 IS 17031 (Part 2): 2019 ISO 11228-2:2007 ISO 11228-2:2007 IS 17031 (Part 3): 2018 ISO 11228-3:2003 ISO 11228-3:2007 IS 17032: 2018 ISO/TS 20646:	Ergonomics â€" Manual Handling Part 2 Pushing and Pulling  Ergonomics â€" Manual Handling Part 3 Handling of Low Loads at High Frequency  Ergonomics Guidelines for the Optimization of Musculoskeletal	-	Identical under dual numbering  Identical under dual numbering  Identical under dual
45	ISO 11228-1:2003 IS 17031 (Part 2): 2019 ISO 11228-2:2007 ISO 11228-2:2007 IS 17031 (Part 3): 2018 ISO 11228-3:2003 ISO 11228-3:2007 IS 17032:2018 ISO/TS 20646: 2014	Ergonomics â€" Manual Handling Part 2 Pushing and Pulling  Ergonomics â€" Manual Handling Part 3 Handling of Low Loads at High Frequency  Ergonomics Guidelines for the Optimization of Musculoskeletal	-	Identical under dual numbering  Identical under dual numbering  Identical under dual
45	ISO 11228-1:2003 IS 17031 (Part 2): 2019 ISO 11228-2:2007 ISO 11228-2:2007 IS 17031 (Part 3): 2018 ISO 11228-3:2003 ISO 11228-3:2007 IS 17032: 2018 ISO/TS 20646: 2014 ISO/TS 20646:	Ergonomics â€" Manual Handling Part 2 Pushing and Pulling  Ergonomics â€" Manual Handling Part 3 Handling of Low Loads at High Frequency  Ergonomics Guidelines for the Optimization of Musculoskeletal	-	Identical under dual numbering  Identical under dual numbering  Identical under dual
45	ISO 11228-1:2003 IS 17031 (Part 2): 2019 ISO 11228-2:2007 ISO 11228-2:2007 IS 17031 (Part 3): 2018 ISO 11228-3:2003 ISO 11228-3:2007 IS 17032: 2018 ISO/TS 20646: 2014 ISO/TS 20646: 2014	Ergonomics â€" Manual Handling Part 2 Pushing and Pulling  Ergonomics â€" Manual Handling Part 3 Handling of Low Loads at High Frequency  Ergonomics Guidelines for the Optimization of Musculoskeletal Workload	-	Identical under dual numbering  Identical under dual numbering  Identical under dual numbering  Identical under dual numbering
45	ISO 11228-1:2003 IS 17031 (Part 2): 2019 ISO 11228-2:2007 ISO 11228-2:2007 IS 17031 (Part 3): 2018 ISO 11228-3:2003 ISO 11228-3:2007 IS 17032: 2018 ISO/TS 20646: 2014 ISO/TS 20646: 2014	Ergonomics â€" Manual Handling Part 2 Pushing and Pulling  Ergonomics â€" Manual Handling Part 3 Handling of Low Loads at High Frequency  Ergonomics Guidelines for the Optimization of Musculoskeletal Workload  Ergonomics - Manual handling of people in the healthcare sector	-	Identical under dual numbering  Identical under dual numbering  Identical under dual numbering
45	ISO 11228-1:2003 IS 17031 (Part 2): 2019 ISO 11228-2:2007 ISO 11228-2:2007 IS 17031 (Part 3): 2018 ISO 11228-3:2003 ISO 11228-3:2007 IS 17032:2018 ISO/TS 20646: 2014 ISO/TS 20646: 2014 IS 17033:2018	Ergonomics â€" Manual Handling Part 2 Pushing and Pulling  Ergonomics â€" Manual Handling Part 3 Handling of Low Loads at High Frequency  Ergonomics Guidelines for the Optimization of Musculoskeletal Workload  Ergonomics - Manual handling of people in the healthcare sector	-	Identical under dual numbering  Identical under dual numbering  Identical under dual numbering  Identical under dual numbering
45 46 47	ISO 11228-1:2003 IS 17031 (Part 2): 2019 ISO 11228-2:2007 ISO 11228-2:2007 IS 17031 (Part 3): 2018 ISO 11228-3:2007 IS 17032:2018 ISO/TS 20646: 2014 ISO/TS 20646: 2014 IS 17033:2018 ISO/TR 12296:2012	Ergonomics â€" Manual Handling Part 2 Pushing and Pulling  Ergonomics â€" Manual Handling Part 3 Handling of Low Loads at High Frequency  Ergonomics Guidelines for the Optimization of Musculoskeletal Workload  Ergonomics - Manual handling of people in the healthcare sector	-	Identical under dual numbering  Identical under dual numbering  Identical under dual numbering  Identical under dual numbering

1 1	ISO 7731 : 2003	danger signals		1	
49	IS 17103 : 2019	Ergonomics - Evaluation of		-	Identical under dual
	ISO 9886 : 2004	thermal strain by physiological			numbering
	ISO 9886 : 2004	measurements			
50	IS 17104 : 2019	Ergonomics of the thermal		-	Identical under dual
	ISO 10551; 1995	environment - Assessment of the			numbering
	ISO 10551 : 1995	influence of the thermal			
		environment using subjective			
		judgement scales			
51	IS 17105 : 2019	Ergonomics of the physical		-	Identical under dual
	ISO 28802 : 2012	environment - Assessment of			numbering
	ISO 28802 : 2012	environments by means of an			
		environmental survey involving			
		physical measurements of the			
		environment and subjective			
		responses of people			
52	IS 18232 : 2023	Ergonomics Accessible design		-	Identical under dual
	ISO 24508 : 2019	Guidelines for designing tactile			numbering
	ISO 24508 : 2019	symbols and characters ISO			
		24508-2019			
53	IS 18254 : 2023	Ergonomics of the physical		-	Identical under dual
	ISO 28803 : 2012	environment Application of			numbering
	ISO 28803 : 2012	International Standards to people			
		with special requirements			
		Adoption of ISO 28803: 2012			
54	IS 18259 : 2023	Ergonomics Accessible design		-	Identical under dual
	ISO 24505 : 2016	Method for creating colour			numbering
	ISO 24505 : 2016	combinations taking account of age-			
		related changes in human colour			
		vision ISO 24505			
55	IS 18263 (Part 1):	Ergonomic principles related to		-	Identical under dual
	2023	mental workload Part 1: General			numbering
	ISO 10075-1:2017	issues and concepts terms and			
	ISO 10075-1:2017	definitions			
56	IS 18263 (Part 3):	Ergonomic principles related to		-	Identical under dual
		mental workload Part 3: Principles			numbering
	ISO 10075-3: 2004	and requirements concerning			
	ISO 10075-3:2004	methods for measuring and			
		assessing mental workload			
57	IS/ISO 26800 : 2011	Ergonomics â€" General	June, 2023	-	Identical under dual
	ISO 26800 : 2011	Approach, Principles and			numbering
	Reviewed In: 2023	Concepts			
	ISO 26800 : 2011				
58	IS/ISO 27500 : 2016		June, 2023	-	Identical under single
	ISO 27500 : 2016	Organization - Rationale and			numbering
	Reviewed In: 2023	General Principles			
	ISO 27500 : 2016				
59	IS 4838: 1990	Anthropometric dimensions for	May, 2020	-	Indigenous
	Reviewed In: 2020	school children age group 5 - 17			
		years (Second Revision)			

# **Standards under Development**

Projects Approved					
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.	Doc No.	Title			
1	PGD 15 (24452) Revision	Ergonomic Design for the Safety of Machinery Part 3 Anthropometric Data			
	of: IS 15836:2008				

	Draft Standards Completed WC Stage					
SI. No.	Doc No.	Title				
1	PGD 15 (25333) Revision	Ergonomics 3-D scanning methodologies for internationally compatible anthropometric databases				
	of: IS 15836:2008	Part 2 Evaluation protocol of surface shape and repeatability of relative landmark positions				
2	PGD 15 (25336) Revision	General requirements for establishing anthropometric databases				
	of: IS 15836:2008					

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

	Finalized Draft Indian Standards under Print					
SI. No.	Doc No.	Title				
1	PGD 15 (23068) Revision	Principles for Selecting and Using Test Persons for Testing Anthropometric Aspects of Industrial				
	of: IS 16574:2017	Products and Designs				
2	PGD 15 (23069) Revision	Ergonomics of Human System Interaction Part 20 An ergonomic approach to accessibility within				
	of: IS 16595:2018	the ISO 9241 series				
3	PGD 15 (23072) Revision	Ergonomics of the Physical Environment Subjective Judgement Scales for Assessing Physical				
	of: IS 17104:2019	Environments				
4	PGD 15 (23074) Revision	Ergonomics Manual handling Part 1 Lifting lowering and carrying				
	of: IS 17031:2018					
5	PGD 15 (23076) Revision	3-D Scanning Methodologies for Internationally Compatible Anthropometric Databases Part 1				
	of: IS 17030:2018	Evaluation Protocol for Body Dimensions Extracted From 3-D Body Scans				

#### Total Published Standards:59 Total Standards Under development:8

### **Aspect Wise Report**

Product: 16

Code of Practices: 26

Methods of Test: 6

Terminology: 3

Dimensions: 4

System Standard: 1

Safety Standard: 1

Others: 2

Service Specification: 0

Process Specification: 0

Unclassified: 0

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

SI. No.	IS No. & Year	Title
1	IS 13214 : 1991	Machine Tools - Ergonomics Anthropometric Terminology

	Reviewed In: 2014	
2	IS 16563 (Part 1): 2017	ERGONOMIC REQUIREMENTS FOR THE DESIGN OF DISPLAYS AND CONTROL
	ISO 9355-1	ACTUATORS PART 1 HUMAN INTERACTIONS WITH DISPLAYS AND CONTROL
	Reviewed In: 2022 EN 301	ACTUATORS
	549	
3	IS 5533 : 1969	Recommendation for dimensions of spaces for human activities
	Reviewed In: 2014	

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

SI. No.	IS No. & Year	Title
1	IS 15257 : 2018	Spatial orientation and direction of movement - Ergonomics requirements First Revision
	ISO 1503 : 2008	
	ISO 1503 : 2008	
2	IS 16561 (Part 1): 2017	Ergonomic design of control centres Part 1 principles for the design of control centres
	ISO 11604-1 : 2000	
	Reviewed In: 2022 ISO	
	11064-1 : 2000	
3	IS 16561 (Part 4): 2017	Ergonomic design of control centres Part 4 layout and dimensions of workstations
	ISO 11064-4 : 2013	g
	Reviewed In: 2022 ISO	
	11064-4 : 2013	
4	IS 16561 (Part 5): 2018	Ergonomic design of control centres Part 5 displays and controls
	ISO 11064-5 : 2008	
	Reviewed In : 2023 ISO	
	11064-5 : 2008	
5	IS 16561 (Part 6): 2022	ERGONOMIC DESIGN OF CONTROL CENTRES PART 6 ENVIRONMENTAL
	ISO 11604-6	REQUIREMENTS FOR CONTROL ROOMS
	ISO/TS 17863:2013	(
6	IS 16562 (Part 1): 2017	Ergonomics - Computer manikins and body templates Part 1 general requirements
	ISO 15536-1 : 2005	21gonomios Computor mammino una coar temputos rune regeneral requirementa
	Reviewed In : 2022 ISO	
	15536-1 : 2005	
7	IS 16562 (Part 2) : 2018	Ergonomics - Computer manikins and body templates Part 2 verification of functions and
<b>'</b>	ISO 15536 (Part 2) : 2007	validation of dimensions for computer manikin systems
	Reviewed In : 2023 ISO	,
	15536 (Part 2) : 2007	
8	IS 16563 (Part 2): 2017	Ergonomic requirements for the design of displays and control actuators Part 2 displays
	ISO 9355-2 : 1999	
	Reviewed In: 2022 ISO	
	9355-2 : 1999	
9	IS 16563 (Part 3): 2017	Ergonomic requirements for the design of displays and control actuators Part 3 control actuators
	ISO 9355-3 : 2006	2. Source to distribute to the design of dispulys and control actions of the control actions.
	Reviewed In : 2022 ISO	
	9355-3 : 2006	
10	IS 16566 : 2017	Ergonomics-Accessible Design-Specification of Age Related Luminance Contrast for Coloured
	ISO 24502 : 2010	Light
	Reviewed In: 2022 ISO	6
	24502	
11	IS 16569 : 2018	Ergonomics - System of auditory and visual danger and information signals
	ISO 11429 : 1996	
	Reviewed In: 2023 ISO	
	11429 : 1996	
12	IS 16570 : 2017	Ergonomics - Visual danger signals - General requirements design and testing
	ISO 11428 : 1996	g
	Reviewed In : 2022 ISO	
	11428 : 1996	
13	IS 16595 (Part 5) : 2018	Ergonomic Requirements for Office Work With Visual Display Terminals VDTs Part 5
	9241-5:1998	Workstation Layout and Postural Requirements
ı	1 /2.1.3.1//0	Tronsmitor Dayout and Footatus Requirements

	ISO 9241-5 : 1998	
14	IS 16595 (Part 154) : 2018	Ergonomics of human - System interaction Part 154 interactive voice response IVR applications
	ISO 9241-154 : 2013	
	Reviewed In: 2023 ISO	
	9241-154 : 2013	
15	IS 17102 : 2019	Ergonomics - Danger signals for public and work areas - Auditory danger signals
	ISO 7731 : 2003	
	ISO 7731 : 2003	
16	IS 18254 : 2023	Ergonomics of the physical environment Application of International Standards to people with
	ISO 28803 : 2012	special requirements Adoption of ISO 28803 2012