



Bureau of Indian Standards (BIS)

Standard catalogue - July'26

Bureau of Indian Standards (BIS)



- BIS –National Standards Body of India Functioning Under Ministry Of Consumer Affairs, driven by BIS Act 2016

Objectives:

- Harmonious development of standardization & quality control
- Growth and development of Indian industry, commerce and exports
- Consumer protection
- Certification schemes for products and systems

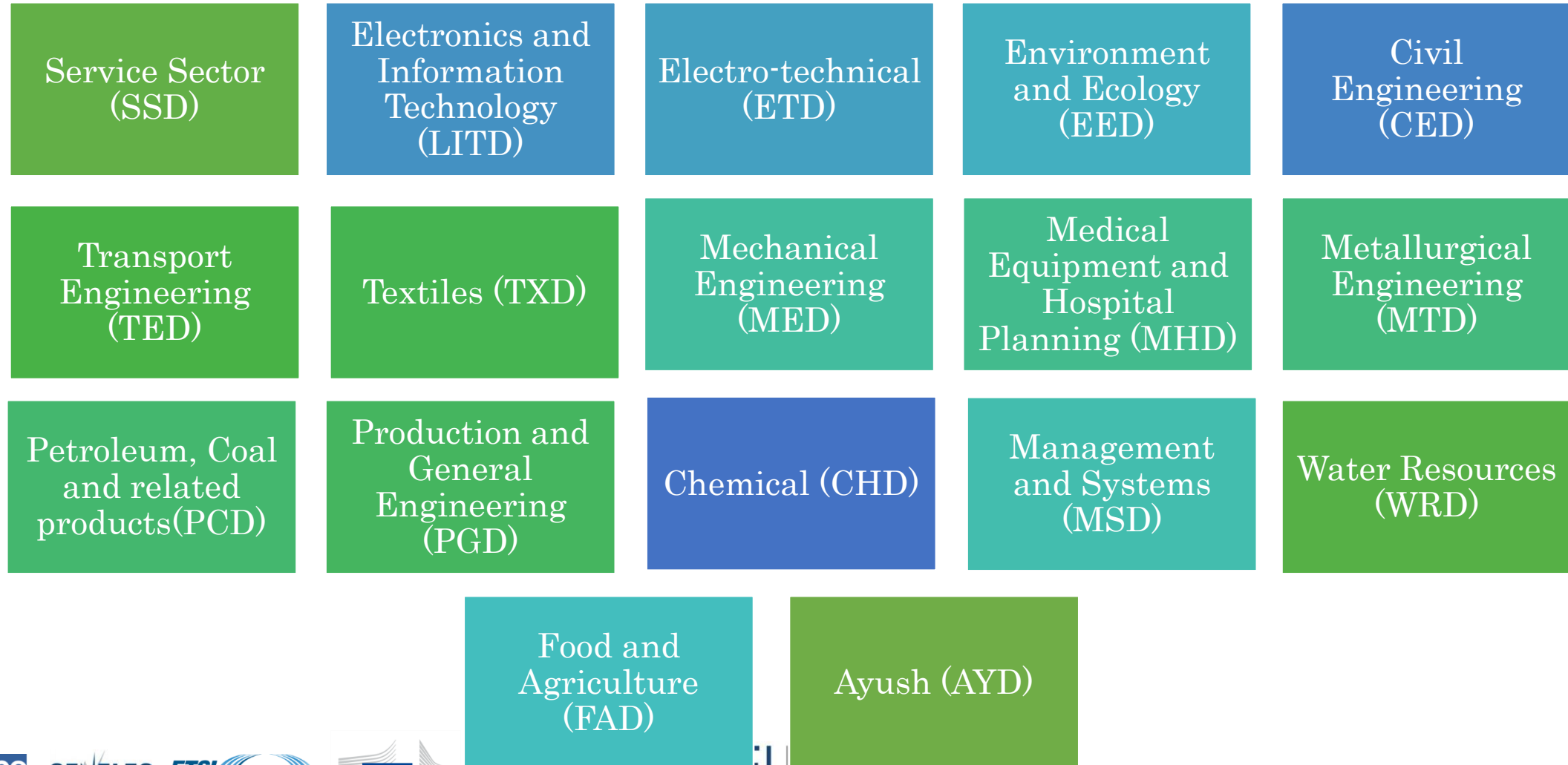
Activities:

- Standards Formulation
 - Product Certification Scheme
 - Compulsory Registration Scheme
 - Foreign Manufacturers Certification Scheme
 - Hall Marking Scheme
 - Laboratory Services
 - Laboratory Recognition Scheme
 - Sale of Indian Standards
 - Consumer Affairs Activities
 - Training Services
 - Information Services
- Works as **WTO - TBT Enquiry Point** for India

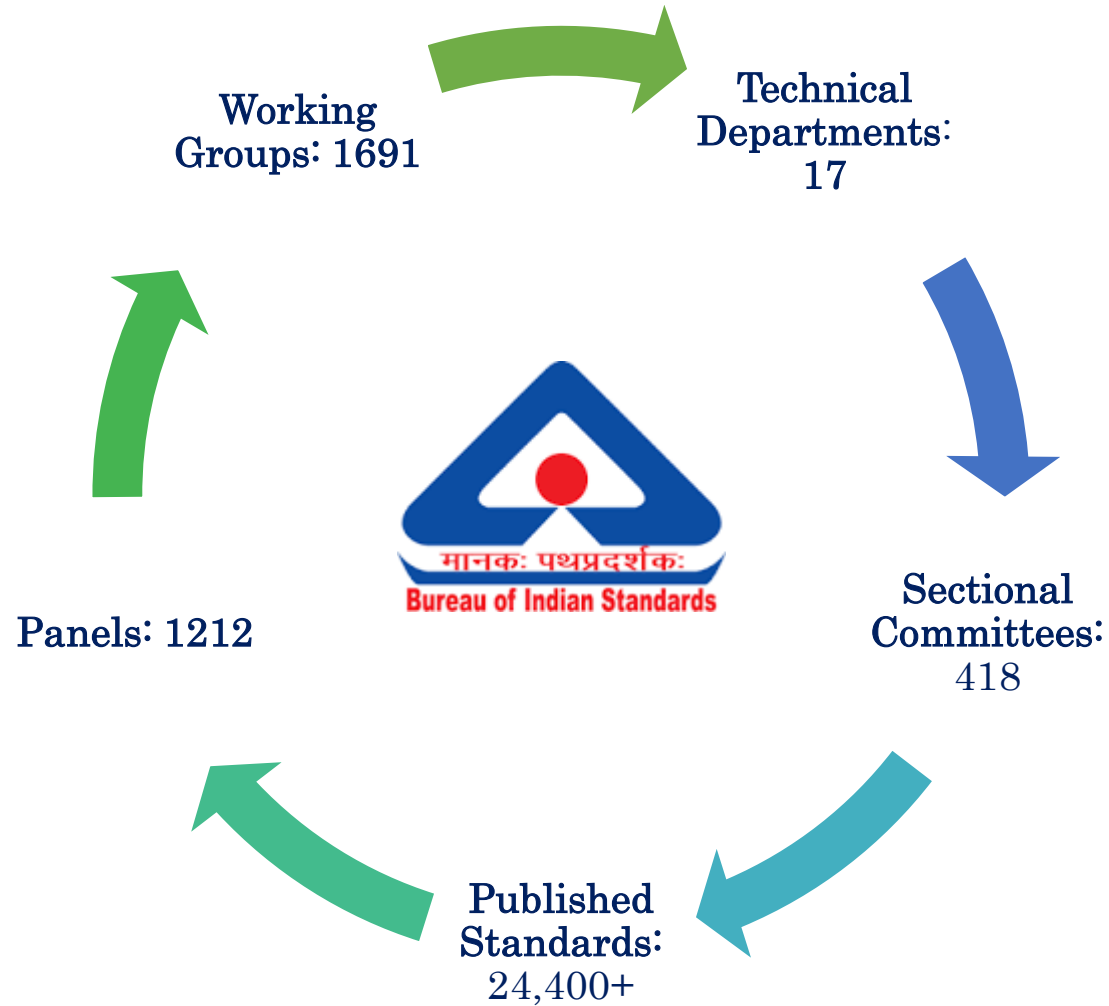


Technical Departments for Standardization

Standards are developed by 418 Sectional Committees under 17 technical departments



Standards development at a glance



No. of Standards published by BIS

As of July 2026, BIS comprises 17 technical departments and has published more than 24,400 Indian Standards

S.No	Technical Department	Total Standards Published
1	Service Sector Department (SSD)	<u>199</u>
2	Electronics and Information Technology Department (LITD)	<u>1634</u>
3	Electrotechnical Department (ETD)	<u>1963</u>
4	Environment and Ecology Department (EED)	<u>140</u>
5	Transport Engineering Department (TED)	<u>1343</u>
6	Civil Engineering Department (CED)	<u>1951</u>
7	Management and Systems Department (MSD)	<u>584</u>
8	Mechanical Engineering Department (MED)	<u>1464</u>
9	Food and Agriculture Department (FAD)	<u>2369</u>
10	Production and General Engineering Department (PGD)	<u>2685</u>
11	Petroleum, Coal and Related Products Department (PCD)	<u>1656</u>
12	Textiles Department (TXD)	<u>1635</u>
13	Water Resources Department (WRD)	<u>483</u>
14	Chemical Department (CHD)	<u>2138</u>
15	Medical Equipment and Hospital Planning Department (MHD)	<u>1894</u>
16	Metallurgical Engineering Department (MTD)	<u>1716</u>
17	Ayush Department (AYD)	<u>230</u>
Total		24084



Harmonization of Indian standards with ISO/IEC and other standards

S.No	Technical Department	Total Standards Published	Indigenous	Identical under single numbering	Identical under dual numbering	Modified/Technically Equivalent	Not Equivalent	N/A
1	Service Sector Department (SSD)	199	32	86	79	2	0	0
2	Electronics and Information Technology Department (LITD)	1634	252	809	466	103		4
3	Electrotechnical Department (ETD)	1963	427	373	780	360	0	17
4	Environment and Ecology Department (EED)	140	42	47	47	3	1	0
5	Transport Engineering Department (TED)	1343	793	86		72		
6	Civil Engineering Department (CED)	1951	1281		50	51		431
7	Management and Systems Department (MSD)	584			212		1	4
8	Mechanical Engineering Department (MED)			264		11	69	2
9	Food and Agriculture Department (FAD)		1813			20	0	1
10	Process and Related Products Department (PCD)	2685			1033	21	151	5
11	Textiles Department (TCD)			10	532	21	68	5
12	Water and Related Products Department (WRPD)			131	372	13	6	3
13	Metallurgical Engineering Department (MED)		401	0	66	7	7	2
14	Metallurgical Engineering Department (MED)	2138	1508	23	548	12	43	4
15	Metallurgical Engineering Department (MED)	1894	854	332	557	130	0	21
16	Metallurgical Engineering Department (MTD)	1716	1146	17	357	5	188	3
17	Ayush Department (AYD)	230	229	0	1	0	0	0
Total		24084	13192	2645	6252	842	643	510

Out of 24,084 total Indian standards in force, ISO/IEC/other standards adoption (identical/modified/not equivalent) exists in 10,382 standards. With this, we can say that:

=> ~40% of Indian Standards are harmonized with ISO/IEC/other standards: "Identical ~37%" and "Modified/Technically Equivalent ~3.5%" and ~2.7% of Indian Standards are based on ISO/IEC/other standards, but they are "Not equivalent"

Indian standards based on EN/BS/DIN standards

Electronics and Information Technology Department- LITD 35: Active Assisted Living						
Sl. No.	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.	Referred EN/BS/DIN Standard
1	IS 17802 (Part 1) : 2021	Accessibility for the ICT Products and Services Part 1: Requirements	December, 2024	1	Modified/Technically Equivalent	EN 301 549
SSD 10:IT & IT enabled Services						
2	IS 18595:2024	Electronic Signatures and Infrastructures ESI Policy and Security Requirements for Applications for Signature Creation and Signature Validation		-	Modified/Technically Equivalent	ETSI TS 119 101
3	IS 19155:2025	Electronic Signatures and Infrastructures ESI General Policy Requirements for Trust Services Providers		-	Modified/Technically Equivalent	ETSI EN 319 401
4	IS 19156:2025	ELECTRONIC SIGNATURES AND INFRASTRUCTURES ESI CRYPTOGRAPHIC SUITES		-	Modified/Technically Equivalent	ETSI TS 119 312
5	IS 19278 (Part 1):2025	Electronic Signatures and Infrastructures (ESI); Procedures for Creation and Validation of AdES Digital Signatures		-	Modified/Technically Equivalent	ETSI EN 319 102-1
6	IS 19332:2025	Electronic Signatures and Infrastructures (ESI); The framework for standardization of signatures; Definitions and abbreviations			Modified/Technically Equivalent	ETSI TR 119 001
Electrotechnical Department (ETD)						
6	IS 4591 (Part 1/Sec 1) : 2020	Escalators and Moving Walks Part 1 / Section 1 Safety Requirements (First Revision)		-	Modified/Technically Equivalent	EN 115 : 1995 + A1
7	IS 4591 (Part 1/Sec 2) : 2020	Escalators and Moving Walks Part 1 / Section 2 Guide for Planning and Selection (First Revision)		-	Modified/Technically Equivalent	EN 115
8	IS 4591 (Part 1/Sec 3) : 2020	Escalators and Moving Walks Part 1 / Section 3 Inspection and Test (First Revision)		-	Modified/Technically Equivalent	EN 115 : 1995 + A1
9	IS 9628 : 1980 BS 5000 : Part 16 : 1972	Three-phase induction motors with type of protection	March, 2019	-	Modified/Technically Equivalent	BS 5000 : Part 16 : 1972
10	IS 2464 : 1963	Specification for built-up mica for electrical purposes	April, 2018	1	Modified/Technically Equivalent	DIN 57332 : 1949, BS 626 : 1946
11	IS 5561 : 2018	Electric power connectors - Specification First Revision		-	Modified/Technically Equivalent	BS 159 : 1992, BS 3288-1 : 2014,
12	IS 2512 : 1978	Specification for miners cap - Lamp batteries Lead - Acid Type First Revision	December, 2018	4	Modified/Technically Equivalent	BS 4945 : 1973
13	IS 3837 : 1976	Specification for accessories for rigid steel conduits for electrical wiring First Revision		1	Modified/Technically Equivalent	BS 4568 : Part II : 1970
14	IS 4665 (Part 1) : 1984	Specification for portable electric motor - Operated tools Part 1 general requirements and tests First Revision		1	Modified/Technically Equivalent	BS EN 60745-1: 2006
15	IS 4665 (Part 2) : 1984	Specification for portable electric motor - Operated tools Part 2 specific requirements for tools		-	Modified/Technically Equivalent	BS 2769: 1964
16	IS 7689 : 1989	Guide for control of undesirable static electricity First Revision	December, 2024	-	Modified/Technically Equivalent	BS 5958 P1 & P2
17	IS 2641 : 1989	Electric welding accessories - Specification First Revision	July, 2020	-	Modified/Technically Equivalent	BS 638 : 1984
18	IS 9589 : 1980	Specification for electric lamps for railway signalling	December, 2017	-	Modified/Technically Equivalent	BS : 469 : 1960
19	IS 2994 : 1992	Electric stoves - Specification (Second Revision)		-	Modified/Technically Equivalent	BS 3456 : Section A-1 : 1961
20	IS 3588 : 1987	Specification for electric axial flow fans (First Revision)		-	Modified/Technically Equivalent	BS 848 : Part 1 : 1980
21	IS 5161 : 1969	Specification for flexible electric heating pads for domestic use		4	Modified/Technically Equivalent	BS : 1789-1951
22	IS 12289 : 1988	Specification for hand held electric engraving tools		-	Modified/Technically Equivalent	BS 2769 : 1964
23	IS 8714 : 1978	Specification for electrical protective relays for use in seismic areas		-	Modified/Technically Equivalent	BS 142: 1966
24	IS 2121 (Part 2) : 1981	Specification for conductors and earth wire accessories for overhead power lines: Part 2 mid - Spain joints and repair sleeves - For conductors (First Revision)	March, 2018	-	Modified/Technically Equivalent	BS 3288: Part I : 1973
25	IS 2121 (Part 3) : 1992	Conductors and earthwire accessories for overhead lines: Part 3 accessories for earthwire - Specification (First Revision)	March, 2018	-	Modified/Technically Equivalent	BS 3288: Part I : 1973
26	IS 3476 : 1986	Specification for trolley and contact wire for electric traction (First Revision)		-	Modified/Technically Equivalent	BS 23 : 1970
Mechanical Engineering Department (MED)						
27	IS 9798 : 2013	Low pressure regulators for use with liquefied petroleum gas (LPG) - Specification (Second Revision)	March, 2019	3	Not Equivalent	EN 12864 : 2001
28	IS 15637 : 2006	Welded stainless steel cylinders for liquefied petroleum gases (LPG) from 0.5 litre to 250 litre water capacity - Specification	March, 2020	1	Not Equivalent	EN 14140
29	IS 3832 : 2005	Hand - Operated chain pulley block - Specification (Third Revision)	October, 2020	3	Not Equivalent	BS 3243:1990
30	IS 5749 : 1970	Specification for forged ramshorn hooks	January, 2023	1	Not Equivalent	DIN 15402-1, DIN 15402-2 AND BS 3017
31	IS 6498 : 1971	Glossary of terms used in connection with pulley blocks	October, 2020	-	Not Equivalent	BS 68/33324
32	IS 6521 (Part 1) : 1972	Code of practice for design of tower cranes: Part 1 static and rail amounted	October, 2020	-	Not Equivalent	BS 2799
33	IS 6549 : 1972	Glossary of terms used in connection with lifting tackle	October, 2020	-	Not Equivalent	BS 3810 : Part 5 : 1971
34	IS 3710 : 1978	Filling ratios for low pressure liquefiable gases contained in cylinders (First Revision)	March, 2020	1	Not Equivalent	BS 1736 AND BS 5355
35	IS 8775 : 1978	Filling pressure and corresponding developed pressure for permanent gases contained in cylinders	October, 2022	-	Not Equivalent	BS 5355 : 1976
Petroleum, Coal and Related products Department (PCD)						
36	IS 5192 (Part 1) : 1994	Natural rubber compounds specification: Part 1 for moulded products (Second Revision)	May, 2025	-	Not Equivalent	BS 1154:1992,1155:1992
37	IS 5192 (Part 2) : 1994	Natural rubber compoundsspecification: Part 2 for extruded products (Second Revision)	May, 2025	-	Not Equivalent	BS 1154:1992,1155:1992
38	IS 7888 : 1976	Methods of test for flexible polyurethane foam	January, 2019	-	Not Equivalent	BS 3667 P-1and P-2 ,BS 3667 P-3and P-10
CHD 15 (Paper and Paper Products Sectional Committee)						
39	IS 10557 : 1983	Specification for Paper Tape Rolls for Data Processing	December, 2022	1	Modified/Technically Equivalent	BS 3880-1:1971

Thank you!

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