



Bureau of Indian Standards (BIS)

Standard catalogue - July'25

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

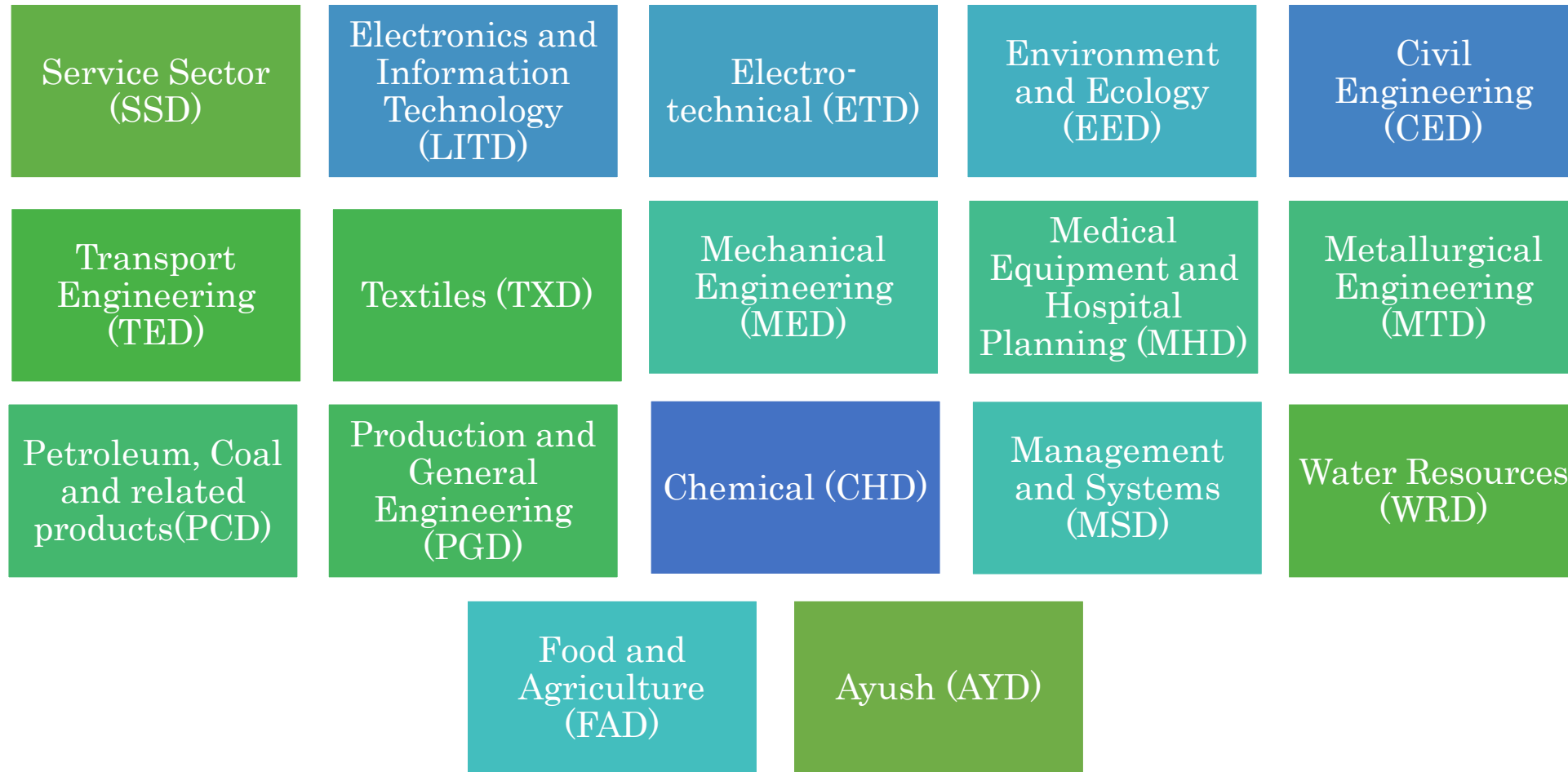
Activities:

- **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

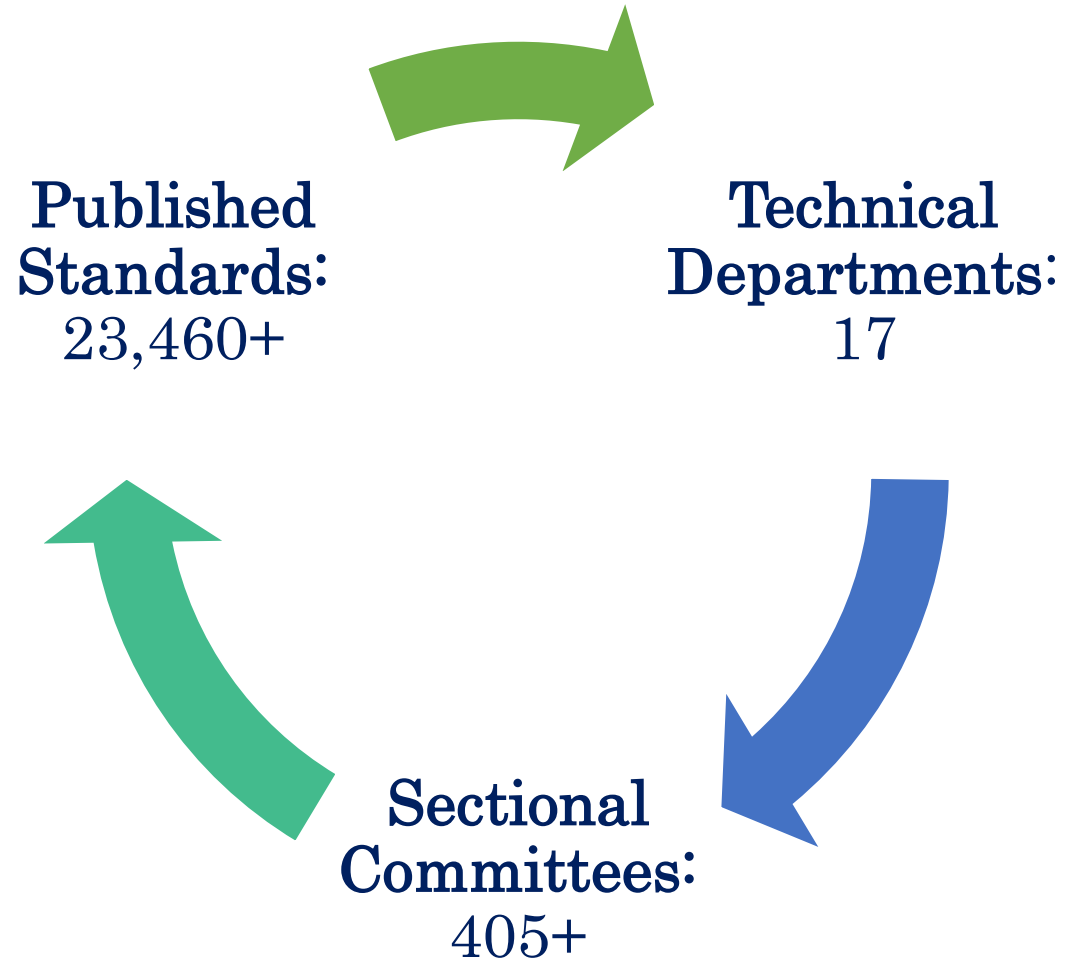


Technical Departments for Standardization

Standards are developed by 405+ Sectional Committees under 17 technical departments



Standards development at a glance



No. of Standards published by BIS

As of June 2025, BIS comprises 17 technical departments and has published 23,461 Indian Standards

S. No.	Technical Department	Total Standards Published (As of June'25)
1	Service Sector Department (SSD)	163
2	Electronics and Information Technology Department (LITD)	1604
3	Electrotechnical Department (ETD)	1954
4	Environment and Ecology Department (EED)	118
5	Civil Engineering Department (CED)	2005
6	Transport Engineering Department (TED)	1363
7	Textiles Department (TXD)	1547
8	Chemical Department (CHD)	2101
9	Food and Agriculture Department (FAD)	2338
10	Production and General Engineering Department (PGD)	2589
11	Petroleum, Coal and Related Products Department (PCD)	1525
12	Management and Systems Department (MSD)	544
13	Mechanical Engineering Department (MED)	1453
14	Medical Equipment and Hospital Planning Department (MHD)	1743
15	Metallurgical Engineering Department (MTD)	1774
16	Water Resources Department (WRD)	462
17	Ayush Department (AYD)	178
Total published standards		23461

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
1	Service Sector Department (SSD)	163	31	39	84	9	0
2	Electronics and Information Technology Department (LITD)	1604	248	726	515	112	3
3	Electrotechnical Department (ETD)	1954	432	366	769		1
4	Environment and Ecology Department (EED)	118	37	40	20	4	1
5	Civil Engineering Department (CED)	2005	1759	23		56	112
6	Transport Engineering Department (TED)	1363	810	100		68	0
7	Textiles Department (TXD)	1547	1040		375		6
8	Chemical Department (CHD)	2101			510	15	47
9	Food and Agriculture Department (FAD)	228		36		1	0
10	Production and General Engineering Department (PGD)	1322			944	11	148
11	Petroleum, Coal and Power Department (PCPD)	1525		80	463	31	67
12	Management Engineering Department (MSD)	138			170	2	1
13	Mechanical Engineering Department (MED)	265			223	9	77
14	Medical Equipment Department (MED)	811		344	479	109	0
15	Metallurgical Engineering Department (METD)	1774	1198	17	354	7	198
16	Water Resources Department (WRD)	462	371	1	74	9	7
17	Agriculture Department (AYD)	178	177	0	1	0	0
total		23461	13415	2597	5921	860	668

Out of 23461 total Indian standards in force, ISO/IEC/other standards adoption (identical/modified/not equivalent) exists in 10046 standards. With this, we can say that:
 => ~40% of Indian Standards are harmonized with ISO/IEC/other standards as "Identical (36%)" and "Modified/Technically Equivalent(4%)" and
 => ~3% of Indian Standards are adopted 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						
3	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
8	IS 19155:2025	Electronic Signatures and Infrastructures ESI General Policy Requirements for Trust Services Providers		-	Modified/Technically Equivalent	ETSI EN 319 401
9	IS 19156:2025	ELECTRONIC SIGNATURES AND INFRASTRUCTURES ESI CRYPTOGRAPHIC SUITES		-	Modified/Technically Equivalent	ETSI TS 119 312
Electrotechnical Department (ETD)						
1	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
2	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
3	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
5	IS 9628 : 1980 BS 5000 : Part 16 : 1972	Three-phase induction motors with type of protection n	March, 2019	-	Modified/Technically Equivalent	BS 5000 : Part 16 : 1972
6	IS 2464 : 1963	Specification for built-up mica for electrical purposes	April, 2018	1	Modified/Technically Equivalent	DIN 57332 : 1949, BS 626 : 1946
7	IS 5561 : 2018	Electric power connectors - Specification First Revision		-	Modified/Technically Equivalent	BS 159 : 1992, BS 3288-1 : 2014,
8	IS 2512 : 1978	Specification for miners cap - Lamp batteries Lead - Acid Type First Revision	December, 2018	4	Modified/Technically Equivalent	BS 4945 : 1973
9	IS 3837 : 1976	Specification for accessories for rigid steel conduits for electrical wiring First Revision		1	Modified/Technically Equivalent	BS 4568 : Part II : 1970
10	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
11	IS 4665(Part 2) : 1984	Specification for portable electric motor - Operated tools Part 2 specific requirements for tools		-	Modified/Technically Equivalent	BS 2769: 1964
14	IS 7689 : 1989	Guide for control of undesirable static electricity First Revision	December, 2024	-	Modified/Technically Equivalent	BS 5958 P1 & P2
18	IS 2641 : 1989	Electric welding accessories - Specification First Revision	July, 2020	-	Modified/Technically Equivalent	BS 638 : 1984
20	IS 9589 : 1980	Specification for electric lamps for railway signalling	December, 2017	-	Modified/Technically Equivalent	BS : 469 : 1960
21	IS 2994 : 1992	Electric stoves - Specification (Second Revision)		-	Modified/Technically Equivalent	BS 3456 : Section A-1 : 1961
22	IS 3588 : 1987	Specification for electric axial flow fans (First Revision)		-	Modified/Technically Equivalent	BS 848 : Part 1 : 1980
23	IS 5161 : 1969	Specification for flexible electric heating pads for domestic use		4	Modified/Technically Equivalent	BS : 1789-1951
24	IS 12289 : 1988	Specification for hand held electric engraving tools		-	Modified/Technically Equivalent	BS 2769 : 1964
25	IS 8714 : 1978	Specification for electrical protective relays for use in seismic areas		-	Modified/Technically Equivalent	BS 142: 1966
27	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
28	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
30	IS 3476 : 1986	Specification for trolley and contact wire for electric traction (First Revision)		-	Modified/Technically Equivalent	BS 23 : 1970
Mechanical Engineering Department (MED)						
1	IS 9798 : 2013	Low pressure regulators for use with liquefied petroleum gas (LPG) - Specification (Second Revision)	March, 2019	3	Not Equivalent	EN 12864 : 2001
2	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
3	IS 3832 : 2005	Hand - Operated chain pulley block - Specification (Third Revision)	October, 2020	3	Not Equivalent	BS 3243:1990
4	IS 5749 : 1970	Specification for forged ramshorn hooks	January, 2023	1	Not Equivalent	DIN 15402-1, DIN 15402-2 AND BS 3017
5	IS 6498 : 1971	Glossary of terms used in connection with pulley blocks	October, 2020	-	Not Equivalent	BS 68/33324
6	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
7	IS 6549 : 1972	Glossary of terms used in connection with lifting tackle	October, 2020	-	Not Equivalent	BS 3810 : Part 5 : 1971
8	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
9	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)						
1	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
2	IS 5192(Part 2) : 1994	Natural rubber compoundsspecification: Part 2 for extruded products (Second Revision)	May, 2025	-	Not Equivalent	BS 1154:1992,1155:1992
3	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)						
1	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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