

भारतीय मानक ब्यूरो
उप महानिदेशक सचिवालय

संदर्भ: एलपीपीडी/70:2

दिनांक: 02-07-2024

विषय: भारतीय मानकों के साक्ष्य आधारित अद्यतन के लिए परीक्षण डेटा का उपयोग


यह बीआईएस के मानक निर्माण विभागों के तहत तकनीकी समितियों द्वारा भारतीय मानकों के संशोधन/संशोधन के लिए उत्पाद मानकों के विश्लेषण के लिए परीक्षण डेटा के उपयोग के संदर्भ में है।

इस संबंध में, उन प्रमुख उत्पादों की पहचान करने के लिए एक अभ्यास किया गया है जिनके लिए बीआईएस प्रयोगशालाओं द्वारा अधिकतम परीक्षण रिपोर्ट जारी की गई हैं। ऐसे आईएसएस की सूची जिनके लिए बीआईएस प्रयोगशालाओं ने वर्ष 2023-24 के दौरान 1000 से अधिक नमूने, 500 से 1000 नमूने और 100 से 500 नमूने जारी किए हैं, तैयार की गई हैं और उन्हें क्रमशः अनुलग्नक-1, अनुलग्नक-2 और अनुलग्नक-3 में संलग्न किया गया है।

प्रेक्षित परिणामों का परीक्षण पैरामीटर वार विश्लेषण मानकों और संदर्भित परीक्षण विधियों के विकास के लिए उपयोगी इनपुट प्रदान कर सकता है। इसलिए, महानिदेशक बीआईएस के निर्देशों के अनुसार, इन आईएसएस की सूची सभी मानक निर्माण विभागों के साथ साझा की जा रही है।

संबंधित आईएसएस की परीक्षण रिपोर्टों तक सीधी पहुंच के लिए एलआईएमएस में तकनीकी विभागों के खाते बनाने की प्रक्रिया भी शुरू की जा रही है।

उपरोक्त के मद्देनजर, उपर्युक्त उत्पादों की तकनीकी समितियों के सभी सदस्य सचिवों से अनुरोध है कि वे भारतीय मानकों के साक्ष्य आधारित अद्यतन के लिए इसका उपयोग करें।



(निशात एस हक)
उप महानिदेशक (प्रयोगशालाएं)

डीडीजी (मानकीकरण-1)/डीडीजी (मानकीकरण-1)
सभी मानकीकरण विभागों के प्रमुख

Bureau of Indian Standards
Deputy Director General Secretariat

Ref: LPPD/70:2

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Subject: Utilisation of testing data for evidence based update of the Indian Standards

This is in reference to the utilisation of the testing data for the analysis of the product standards for amendment/revisions of the Indian Standards by the technical committees under the Standard Formulation departments of BIS.

In this regard, an exercise has been carried out to identify the major products for which maximum of test reports have been issued by BIS labs. Lists of such ISS for which BIS labs have issued **more than 1000 samples, 500 to 1000 samples** and **100 to 500 samples** during the year 2023-24, have been prepared and are enclosed at **Annex-1, Annex-2** and **Annex-3** respectively.

The test parameter wise analysis of the observed results can provide useful inputs for the development of the Standards and referred test methods. Therefore, as per the directions of DG BIS, the list of these ISS are being shared with all the Standard Formulation departments.

The process of creation of accounts of technical departments in LIMS is also being undertaken for direct access of test reports of the relevant ISS.

In view of the above, all member secretaries of the technical committees of the aforementioned products are hereby requested to utilise the same for evidence based update of the Indian Standards.

Nishat S.

(Nishat S Haque)
Deputy Director General (Laboratories)

DDG (Standardisation-1)/DDG (Standardisation-1)

Heads of all Standardisation Departments

Annex-1

	IS Number	IS Title	No of test report issued by BIS
1	IS 14543 (2016)	Packaged Drinking Water (Other Than Packaged Natural Mineral Water) - Specification (Second Revision)	16713
2	IS 9873 : Part 1 (2019)	Safety of toys: Part 1 safety aspects related to mechanical and physical properties (Fourth Revision)	4180
3	IS 694 (2010)	Polyvinyl chloride insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100 V (Fourth Revision)	3058
4	IS 4984 (2016)	Polyethylene Pipes for Water Supply - Specification (Fifth Revision)	2028
5	IS 4985 (2021)	Unplasticized PVC Pipes for Potable Water Supplies - Specification (Fourth Revision)	2022
6	IS 2830 (2012)	Carbon steel cast billet ingots, billets, blooms and slabs for re-rolling into steel for general structural purposes - Specification (Third Revision)	1956
7	IS 2347 (2017)	Domestic pressure cooker - Specification (Sixth Revision)	1870
8	IS 1489 (Part 1) (2015)	Portland Pozzolana Cement - Specification: Part 1 fly Ash Based (Fourth Revision)	1788
9	IS 15658 (2021)	Concrete Paving Blocks - Specification (First Revision)	1782
10	IS 303 (1989)	Plywood for General Purposes -	1601
11	IS 9537 : Part 3 (1983) *	Specification for conduits for electrical installations: Part 3 rigid plain conduits of insulating materials	1287
12	IS 269 (2015)	Ordinary portland cement - Specification (Sixth Revision)	1153
13	IS 15644 (2006)	Safety of electric toys	1132
14	IS 2062 (2011)	Hot rolled medium and high tensile structural steel - Specification (Seventh Revision)	1022

Annex-2

	IS Number	IS Title	No of test report issued by BIS
1	IS 398 : Part 2 (1996)*	Aluminium conductors for overhead transmission purposes - Specification: Part 2 aluminium conductors, galvanized steel - Reinforced (Third Revision)	896
2	IS 398 : Part 4 (1994)*	Aluminium conductors for overhead transmission purposes: Part 4 aluminium alloy stranded conductors (Aluminium - Magnesium - Silicon Type) - Specification (Third Revision)	896
3	IS 302 : Part 2 : Sec 30 (2007)*	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 30 room heaters (First Revision)	838
4	IS 302 : Part 2 : Sec 3 (2007)*	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 3 electric iron (First Revision)	838
5	IS 302 : Part 1 (2008)*	Safety of household and similar electrical appliances: Part 1 general requirements (Sixth Revision)	838
6	IS 302 : Part 2 : Sec 15 (2009)*	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 15 appliances for heating liquids (First Revision)	838
7	IS 13334 : Part 1 (2014) *	Skimmed milk powder - Specification: Part 1 standard grade (Second Revision)	838
8	IS 3854 (1997)	Switches for domestic and similar purposes - Specification (Second Revision)	805
9	IS 4923 (2017)	Hollow steel sections for structural use - Specification (Third Revision)	726
10	IS 1293 (2019)	Plugs and Socket-Outlets for Household and Similar Purposes of Rated Voltage up to and Including 250 V and Rated Current up to and Including 16 A - Specification (Fourth Revision)	723
11	IS 1293 (2005)*	Plugs and socket - Outlets of rated Voltage up to and including 250 Volts and rated current up to and including 16 amperes - Specification (Third Revision) (Withdrawn)	723
12	IS 12786 (1989)	Irrigation Equipment - Polyethylene Pipes for Irrigation Laterals - Specification	691
13	IS 1659 (2004)	Block boards - Specification (Fourth Revision)	684
14	IS 13592 (2013)	Unplasticized Polyvinyl Chloride (PVC-U) Pipes for Soil and Waste Discharge System Inside and Outside Buildings Including Ventilation and Rain Water System - Specification (First Revision)	621
15	IS 2202 : Part 1 (2023)*	WOODEN FLUSH DOOR SHUTTERS SOLID CORE TYPE SPECIFICATION PART 1 PLYWOOD FACE PANELS Seventh Revision	616
16	IS 2202 : Part 1 (1999)*	Wooden flush door shutters (Solid Core Type) - Specification: Part 1 plywood face panels (Sixth Revision) (Withdrawn)	616
17	IS 4246 (2002)	Domestic gas stoves for use with liquefied petroleum gases - Specification (Fifth Revision)	612
18	IS 4250 (1980)	Specification for domestic electric food - Mixers (Liquidizers And Grinders) (First Revision)	590
19	IS 814 (2004)	Covered electrodes for manual metal arc welding of carbon and carbon manganese steel - Specification (Sixth Revision)	541

Annex-3

	IS Number	IS Title	No of test report issued by BIS
1	IS 1239 : Part 1 (2004)	Steel tubes, tubulars and other wrought steel fittings - Specification: Part 1 steel tubes (Sixth Revision)	499
2	IS 7098 : Part 1 (1988) *	Specification for crosslinked polyethylene insulated pvc sheathed cables: Part 1 for working voltages up to and including 1100 volts (First Revision)	497
3	IS 7098 : Part 2 (2011)*	Crosslinked polyethylene insulated thermoplastic sheathed cables - Specification: Part 2 for working voltages from 3.3 kV up to and including 33 kV (Second Revision)	497
4	IS 710 (2010)	Marine plywood - Specification (Second Revision)	464
5	IS 1161 (2014)	Steel tubes for structural purposes - Specification (Fifth Revision)	459
6	IS 3601 (2006)	Steel tubes for mechanical and general engineering purposes - Specification (Second Revision)	427
7	IS 3196 : Part 1 (2013)	WELDED LOW CARBON STEEL GAS CYLINDERS EXCEEDING 5-LITRE WATER CAPACITY FOR LOW PRESSURE LIQUEFIABLE GASES	410
8	IS 4151 (2015)	Protective helmets for motorcycle riders - Specification (Fourth Revision)	408
9	IS 14756 (2022)	STAINLESS STEEL UTENSILS - SPECIFICATION (SECOND REVISION)	397
10	IS 12818 (2010)	Unplasticized Polyvinyl Chloride (PVC-U) Screen and Casing Pipes for Bore/Tubewells - Specification (Second Revision)	390
11	IS 2831 (2012)	Carbon steel cast billet ingots, billets, blooms and slabs for re-rolling into structural steel (Ordinary Quality) - Specification (Fourth Revision)	374
12	IS 455 (2015)	Portland slag cement - Specification	358
13	IS/IEC 60898 : PART 1 (2015)*	Electrical Accessories - Circuit breakers for overcurrent protection for household and similar installation : Part-1 Circuit-breakers for AC operation	340
14	IS 2052 (2009)	Compounded feeds for cattle - Specification (Fourth Revision)	332
15	IS 2052 (2023)*	Compounded feeds for cattle $\frac{1}{2}$ Specification	332
16	IS 7834 : Part 1 (1987)	Specification for Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies: Part 1 General requirements (First Revision)	319
17	IS 1660 (2009)	Wrought aluminium utensils - Specification (First Revision)	308
18	IS 1554 : Part 1 (1988)	Specification for pvc insulated (Heavy Duty) electric cables: Part 1 for working voltages up to and including 1100 v (Third Revision)	307
19	IS 10748 (2004)	Hot - Rolled steel strip for welded tubes and pipes - Specification (Second Revision)	298
20	IS 15778 (2007)	CPVC Pipes for Potable Hot and Cold Water Distribution	292
21	IS 16415 (2015)	Composite cement - Specification	292
22	IS 16186 (2014)	Textiles-light weight jute sacking bags for packing 50kg	285
23	IS 14735 (1999)	Unplasticized Polyvinyl Chloride (UPVC) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System - Specification	275
24	IS 1879 (2010)	Malleable cast iron pipe fittings - Specification (Third Revision)	254
25	IS 14255 (1995)	Aerial bunched cables - For working voltages up to and including 1100 Volts - Specification	253
26	IS 996 (2009)	Single Phase a.c. Industrial Motors for General Purpose	251
27	IS 15392 (2003)	Aluminium and Aluminium Alloy Bare foil for food packaging	244
28	IS 15410 (2003)	Containers for packaging of natural mineral water and packaged drinking water - Specification	225
29	IS 280 (2006)	Mild steel wire for general engineering purposes (Fourth Revision)	224
30	IS 4990 (2011)	Plywood for concrete shuttering works - Specification (Third Revision)	215

31	IS 12701 (1996)	ROTATIONAL MOULDED POLYETHYLENE WATER STORAGE TANKS	210
32	IS 513 : Part 1 (2016)	Cold reduced low carbon steel sheets and strips	207
33	IS 4159 (2021)	Mineral Filled Sheathed Heating Elements	203
34	IS 13487 (1992)	Irrigation equipment - Emitters - Specification	202
35	IS 3589 (2001)	Steel pipes for water and sewage (168.3 To 2540 Mm Outside Diameter) - Specification (Third Revision)	176
36	IS 7224 (2006)	Iodized salt, vacuum evaporated iodized salt and refined iodized salt - Specification (Second Revision)	174
37	IS 7887 (1992)	Mild steel wire rod for general engineering purposes - Specification (First Revision)	173
38	IS 13098 (2012)	Automotive vehicles - Tubes for pneumatic tyres - Specification (First Revision)	167
39	IS 15298 : Part 2 (2016)	Personal protective equipment: Part 2 safety footwear (Second Revision)	160
40	IS 15298 : Part 3 (2019)*	Personal protective equipment: Part 3 protective footwear (Second Revision)	160
41	IS 15298 : part 4 (2017)*	Personal protective equipment: Part 4 occupational footwear (Second Revision)	160
42	IS 7466 (1994)	Rubber Gasket for Pressure Cooker $\frac{1}{2}$ Specification (Second Revision)	159
43	IS 1341 (2018)	Steel Butt Hinges - Specification (Sixth Revision)	154
44	IS 366 (1991)	Electric iron - Specification (Fourth Revision)	150
45	IS 2925 (1984)	Specification for industrial safety helmets (Second Revision)	149
46	IS 2082 (2018)	Stationary storage type electric water heaters - Specification (Fifth Revision)	148
47	IS 8978 (1992)	Specification for electric instantaneous water heaters (Second Revision)	146
48	IS 368 (2014)	Electric immersion water heaters - Specification (Fifth Revision)	145
49	IS 277 (2018)	Galvanized steel strips and sheets (Plain And Corrugated) - Specification (Seventh Revision)	145
50	IS 459 (1992)	Corrugated and semi - Corrugated asbestos cement sheets - Specification (Third Revision)	139
51	IS 374 (2019)	Specification for electric ceiling type fans and regulators (Third Revision)	137
52	IS 2185 : Part 3 (1984)*	Concrete Masonry Units Part 3 Autoclaved Cellular Aerated Concrete Blocks	124
53	IS 1610 (2018)	Household sewing machines - General requirements (Fourth Revision)	123
54	IS 13422 (1992)	Disposable surgical rubber gloves specification	122
55	IS 9798 (2013)	Low pressure regulators for use with liquefied petroleum gas (LPG) - Specification (Second Revision)	117
56	IS 13779 (2020)	ac STATIC WATTHOUR METERS CLASS 1 AND 2-Specification	116
57	IS 13779 (1999)	AC static watthour meters, class 1 and 2 - Specification (First Revision)	116
58	IS 14625 (2015)	Plastics Feeding Bottles (First Revision)	116
59	IS 1061 (2017)	Disinfectant fluids, phenolic type - Specification (Fifth Revision)	113
60	IS 778 (1984)	Specification for copper alloy gate, globe and check valves for waterworks purposes (Fourth Revision)	110
61	IS 14927 : Part 2 (2001)	Cable Trunking and Ducting Systems for Electrical Installations : Part 2 Cable Trunking and Ducting Systems Intended for Mounting on Walls or Ceiling	109
62	IS 252 (2013)	Caustic soda - Specification (Fourth Revision)	109
63	IS 16232 (2014)	Iron fortified iodized salt (Double Fortified Salt) - Food grade - Specification	107
64	IS 1328 (1996)	Veneered Decorative Plywood -Specification	102
65	IS 9857 (1990)	Welding cables - Specification (First Revision)	102