

CHD

PROGRAMME OF WORK
(As on 1 July 2014)

Chemical Department
(CHD)



BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110 002

PREFACE

A programme of work is prepared by each Division-Council of Bureau of Indian Standards to indicate the latest position of published Indian Standards, month & year of their last reaffirmation, standards identified for revision or standards under revision etc. and draft standards at different stages of processing. This programme of work for Chemical Division Council (CHDC) has been prepared sectional committee-wise as on 1 April 2014 and arranged in the sequential order of the relevant Sectional Committee.

The scope of CHDC is as under:

Standardization in the fields of

- a) Chemicals and Chemical products including Photographic materials, Electroplating chemicals, Paints and related products, Glass, Ceramicwares, Soaps and Other Surface Active Agents, Lac and Lac Products, Industrial Gases, Explosives and Pyrotechnics, Water Quality for industrial purposes, Thermal Insulation, and Nuclear Materials.
- b) Paper, Stationery items, Leather, Leather Products, Footwear and Brushware.
- c) Occupational Health, Safety, Environmental Management, Environment Protection, Waste Management and Chemical Hazards.

In order to meet the objectives set out in the Scope as given above, 20 Sectional Committees, each dealing with the specific areas of activities as per the specified scope, are functioning under the Chemical Division Council.

Sectional Committees dealing with the corresponding Technical Committee (TC) of the International Organization for Standardization (ISO), wherever applicable, is also listed with the status of membership. The letter 'P' after the TC member indicates the India is 'Participating' member.

In the programme of work an asterisk mark (*) given before a printed standard indicates that the standard is under revision and its relevant document is available at different stages of processing whereas, double asterisk (**) indicates standard identified for revision for which document is yet to be prepared. Below the designation of a published standard, where "ISO/IEC....." Standard number is given, it implies that the Indian Standard is the total adoption of ISO/IEC standard under dual numbering scheme. (The designations such as IS/ISO 14001:2004 indicates dual number standards). Below the designation of a published standard, wherever "ISO/IEC....." standard number is given, it implies that the Indian Standard is technically equivalent to ISO/IEC standard.

It is hoped that this publication will provide the community of Indian Standards users a convenient tool for obtaining the latest information about new and upcoming standards in the field of Chemicals.

For further information, please write to:

Sc. F & Head
Chemical Department
Bureau of Indian Standards
Manak Bhavan
9 Bahadur shah Zafar Marg
New Delhi 110002
Ph: + 91 11 23236428
Fax: + 91 11 2323 6428
E- Mail: chd@bis.org.in

For periodic update of this Programme of Work, kindly refer our website, www.bis.org.in. For bilingual standards / standards in hindi, kindly refer the BIS Catalogue.

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SCOPE OF CHEMICAL DIVISION COUNCIL AND STATISTICS OF THE COUNCIL AT A GLANCE

A] SCOPE

STANDARDIZATION IN THE FIELDS OF

- a) CHEMICALS AND CHEMICAL PRODUCTS INCLUDING PHOTOGRAPHIC MATERIALS, ELECTROPLATING CHEMICALS, PAINTS AND RELATED PRODUCTS, GLASS, CERAMICWARES, SOAPS AND OTHER SURFACE ACTIVE AGENTS, LAC AND LAC PRODUCTS, INDUSTRIAL GASES, EXPLOSIVES AND PYROTECHNICS, WATER QUALITY FOR INDUSTRIAL PURPOSES, THERMAL INSULATION, AND NUCLEAR MATERIALS.
- b) PAPER, STATIONERY ITEMS, LEATHER, LEATHER PRODUCTS, FOOTWEAR AND BRUSHWARE.
- c) OCCUPATIONAL HEALTH, SAFETY, ENVIRONMENTAL MANAGEMENT, ENVIRONMENT PROTECTION, WASTE MANAGEMENT AND CHEMICAL HAZARDS.

B] STATISTICS AT A GLANCE

ASPECTWISE POSITION OF STANDARDS

ASPECT OF STANDARD	NUMBER OF STANDARDS
PRODUCT	960
METHODS OF TEST	375
CODES OF PRACTICE	159
TERMINOLOGY	30
DIMENSIONS	25
SYMBOLS	—
OTHERS	44
TOTAL	1593

CHD 1 INORGANIC CHEMICALS

SCOPE - a) To formulate Indian Standards on terminology, methods of sampling and tests (including general methods) code of practices, and specification for all inorganic chemicals (except electroplating and photographic chemicals).

b) Liaison - To co-ordinate with the work of
i) ISO/TC 47 (restricting to inorganic chemicals)

SI. No.	IS Number/ Reaffirm No. of	DOC Number	Title	Date	
STANDARDS PUBLISHED					
1	IS 247:1987		Sodium sulphite, anhydrous (fourth revision)	Feb 2010	1
2	IS 248:1987		Sodium bisulphite, technical (sodium metabisulphite) (fourth revision)	Feb 2010	
3	IS 249:1979		Sodium bichromate, technical (third revision)	Feb 2010	
4	IS 250:1964		Potassium bichromate, technical and analytical reagent (revised)	Feb 2010	
5	IS 251:1998		Soda ash, technical - Specification (fourth revision)	Feb 2010	1
6	IS 252:2013		Caustic Soda - Specification (fourth revision)		
7	IS 254:1973		Specification for Magnesium chloride (second revision)	Feb 2010	1
8	IS 255:1982		Sodium sulphate, anhydrous (technical grade) (second revision)	Feb 2011	
9	IS 256:1972		Glauber salt (sodium sulphate, decahydrate), technical (first revision)	Feb 2011	
10	IS 258:2000		Potash Alum -Specification (first revision)	Feb 2011	
11	IS 259:1969		Ammonium alum (first revision)	Feb 2011	1
12	IS 260:2001		Aluminium sulphate, Non-Ferric - Specification (second revision)	Jan 2012	
13	IS 261:1982		Copper sulphate (second revision)	Feb 2011	1
14	IS 262:1982		Specification for Ferrous sulphate, heptahydrate (second revision)	Feb 2011	1
15	IS 264:2005		Nitric acid - Specification (third revision)	Jan 2012	
16	IS 265:1993		Hydrochloric acid (fourth revision)	Feb 2010	5
17	IS 266:1993		Sulphuric acid (third revision)	Feb 2010	1
18	IS 296:1986		Specification for Sodium carbonate, anhydrous (third revision)	Feb 2010	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

19	IS 297:2001	Sodium sulphide, Technical - Specification (third revision)	Jan 2012	
20	IS 299:2012	Alumino-Ferric- Specification (Fifth revision)		
21	IS 333:1980	Potassium permanganate (second revision)	Feb 2010	
22	IS 376:1986	Sodium hydroxide, analytical reagent (third revision)	Feb 2010	2
23	IS 380:1978	French chalk, technical (second revision)	Feb 2010	
24	IS 381:1995	Sodium silicate - Specification (second revision)	Feb 2011	
25	IS 494:1970	Specification for aluminium stearate for lubricants (first revision)	Feb 2010	1
26	IS 505:1995	Light kaolin - Specification (third revision)	Feb 2011	
27	IS 566:1984	Disodium phosphate, dodecahydrate (second revision)	Feb 2010	
28	IS 567:1993	Disodium phosphate, anhydrous (second revision)	Feb 2010	1
29	IS 571:2000	Monosodium phosphate - Specification (second revision)	Feb 2011	
30	IS 573:1992	Trisodium phosphate (fourth revision)	Feb 2010	1
31	IS 574:1989	Glassy sodium metaphosphate, technical (fourth revision)	Feb 2011	1
32	IS 593:1978	Specification for Salt for hide-curing (wet salting) (second revision)	Feb 2010	
33	IS 646:1986	Liquid chlorine, technical (second revision)	Feb 2010	1
34	IS 662:1980	Anhydrous ammonia (first revision)	Feb 2010	4
35	IS 701:1966	Specification for Zinc chloride (revised)	Feb 2011	
36	IS 711:1970	Ferric chloride, technical (first revision)	Feb 2011	
37	** IS 797:1982	Common salt for chemical industries (third revision)	Jan 2012	1
38	IS 798:1986	Ortho-phosphoric acid (second revision)	Feb 2010	
39	IS 799:1985	Ammonia, liquor (second revision)	Feb 2011	1
40	IS 877:1989	Methods of sampling and test for activated carbons, powdered and granular (second revision)	Feb 2011	2
41	IS 879:1981	Sodium nitrite (first revision)	Feb 2011	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

42	IS 1040:1987	Calcium carbide, technical (third revision)	Feb 2010	1
43	IS 1065:1989	Bleaching powder, stable - Specification (second revision)	Feb 2010	1
44	IS 1078:1987	Specification for Copper Naphthenate (second	Feb 2010	
45	IS 1089:1986	Oleum, technical (second revision)	Feb 2010	
46	IS 1109:1980	Borax (second revision)	Feb 2010	
47	IS 1113:1965	Ammonium chloride, technical and pure (revised)	Feb 2010	2
48	IS 1288:1982	Methods of test for mineral gypsum (second revision)	Feb 2011	1
49	IS 1289:1960	Methods for sampling of mineral gypsum	Feb 2011	
50	IS 1290:1973	Mineral gypsum (second revision)	Feb 2011	1
51	IS 1314:1984	Specification for Calcium chloride (second revision)	Feb 2011	
52	IS 1420:1989	Light basic magnesium carbonate (second revision)	Feb 2011	
53	IS 1514:1990	Methods of sampling and test for quick lime and hydrated lime (first revision)	Feb 2010	1
54	IS 1540(Part 1):1980	Quicklime and hydrated lime for chemical industries: Part 1 Quick lime (second revision)	Feb 2010	1
55	IS 1540(Part 2):1990	Quicklime and hydrated lime for chemical industries: Part 2 Hydrated lime (third revision)	Feb 2010	1
56	IS 1612:1976	Iron powder (reduction grade) (first revision)	Feb 2010	
57	IS 1919:1982	Specification for Sodium hydrosulphite (first revision)	Feb 2011	3
58	IS 2080:1980	Specification for Stabilized hydrogen peroxide (first revision)	Feb 2011	1
59	IS 2088:1983	Methods for determination of arsenic (second revision)	Feb 2010	
60	IS 2124:2000	Sodium bicarbonate - Specification (second revision)	Feb 2011	
61	IS 2142:1992	Bromine, technical (second revision)	Feb 2010	
62	IS 2263:1979	Methods of preparation of indicator solutions (first revision)	Feb 2010	
63	IS 2316:1990	Methods of preparation of standard solutions for colorimetric and volumetric analysis (second revision)	Jan 2012	
64	IS 2317:1975	Method for gravimetric determination of sulphates(first revision)	Feb 2010	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
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65	IS 2362:1993	Determination of water by Karl Fischer method - Test method (second revision)	Feb 2010	
66	IS 2449:1963	Silver oxide	Feb 2011	1
67	IS 2723:1985	Ammonium bromide, pure and analytical reagent (first revision)	Feb 2011	
68	IS 2730:1977	Magnesium sulphate (epsom salt) (first revision)	Feb 2010	1
69	IS 2752:1995	Activated carbons, granular (third revision)	Feb 2011	1
70	IS 2780:1964	Sodium bromide, pure	Feb 2011	
71	IS 2797:1998	Potassium bromide - Specification (third revision)	Feb 2010	
72	IS 2881:1984	Barytes for chemical industry and oil-well drilling (second revision)	Feb 2010	1
73	IS 3204:1978	Limestone for chemical industry (first revision)	Feb 2010	
74	IS 3205:1984	Precipitated barium carbonate, technical (first revision)	Feb 2010	
75	IS 3401:1992	Silica gel (third revision)	Feb 2010	2
76	IS 3598:1983	Sodium perborate, tetrahydrate (first revision)	Feb 2011	
77	IS 3605:1984	Bauxite for chemicals and petroleum industries (first revision)	Feb 2010	
78	IS 3607:1979	Magnesite for chemical industry (first revision)	Feb 2010	
79	IS 4016:2002	Density composition Tables for Aqueous solutions of Sodium Hydroxide - Specification (first revision)	Jan 2012	
80	IS 4048:1989	Density composition tables for aqueous solutions of sulphuric acid (first revision)	Feb 2011	
81	IS 4150:1984	Potassium chloride, technical (second revision)	Feb 2011	
82	IS 4200:1984	Sodium aluminate (first revision)	Feb 2010	
83	IS 4256:1967	Hydrated calcium sulphate from marine brine	Feb 2010	1
84	IS 4285:1967	Method for volumetric determination of calcium	Feb 2010	
85	IS 4408:1979	Sodium chloride, analytical reagent (first revision)	Feb 2010	1
86	IS 4505:1968	Sodium formaldehyde sulphonylate	Feb 2010	2
87	IS 4581:1978	Phosphorus trichloride, pure and analytical reagent (first revision)	Feb 2010	

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88	IS 4611:1991	Metallic zinc powder (zinc dust) (second revision)	Feb 2010	1
89	IS 4730:1994	Methods for determination of density of liquids (first revision)	Feb 2010	
90	IS 4737:1982	Chromite for chemical industries (first revision)	Feb 2011	
91	IS 5194:1969	Method for determination of nitrogen-Kjeldahl method	Feb 2011	1
92	IS 5288:1980	Specification for Barium chloride (first revision)	Feb 2010	1
93	IS 5298:2013	Method for determination of distillation range and of distillation yield (second revision)		
94	IS 5301:1987	Sodium chlorate (first revision)	Jan 2012	2
95	IS 5305:1969	Method for volumetric determination of phosphorus	Feb 2010	
96	IS 5316:1998	Ammonium carbonate - Specification (first revision)	Feb 2010	
97	IS 5321:1969	Soda lime (as carbon dioxide absorbent)	Feb 2010	3
98	IS 5762:1970	Methods for determination of Melting Point and Meeting Range	Feb 2010	2
99	IS 5813:1970	Method for determination of crystallizing point	Feb 2010	
100	IS 5877:1971	Barium sulphide, technical (black ash)	Feb 2010	
101	IS 5949:1990	Methods for volumetric determination of calcium and magnesium using EDTA (first revision)	Feb 2010	
102	IS 6015:1984	Barium hydroxide (first revision)	Feb 2010	
103	IS 6100:1984	Sodium tripolyphosphate, anhydrous, technical (first revision)	Feb 2010	1
104	IS 6135:1981	Specification for Soda ash, fused, technical (first revision)	Feb 2010	1
105	IS 6186:1986	Specification for Bentonite (second revision)	Feb 2010	
106	IS 6361:1971	Methods of colorimetric determination of phosphorus	Feb 2010	
107	IS 6507:1991	Sodium chromate, Tetrahydrate (second revision)	Feb 2010	
108	IS 6605:1972	Specification for Potassium chromate	Feb 2010	
109	IS 6614:1972	Aluminium chloride, anhydrous, technical	Feb 2011	
110	IS 6655:1972	Methods of test for sulphur	Feb 2010	1

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111	IS 6831:1992	Caustic potash (second revision)	Feb 2010	1
112	IS 6980:1983	Tetrasodium pyrophosphate, anhydrous, technical (first revision)	Feb 2010	
113	IS 7017:1973	Method of colorimetric determination of traces of heavy metals by dithizone	Feb 2010	
114	IS 7129:1992	Potassium carbonate, anhydrous (first revision)	Feb 2010	
115	IS 7130:1994	Chlorosulphonic acid, technical (second revision)	Feb 2011	
116	IS 7163:1989	Potassium iodide, pure and analytical reagent (first revision)	Feb 2010	
117	IS 7212:1974	Methods of determination of copper	Feb 2010	1
118	IS 7223:1986	Potassium chloride, analytical reagent (first revision)	Feb 2010	1
119	IS 7541:1974	Stabilized liquid sulphur trioxide	Feb 2010	
120	IS 8325:1983	Nickel formate for nickel catalyst (first revision)	Feb 2011	1
121	IS 8366:1989	Activated carbons, powdered (first revision)	Feb 2011	
122	IS 8587:1993	Acid grade fluorspar for chemical industry (first revision)	Feb 2011	
123	IS 8768:2000	Method of measurement of colour in liquid chemical products, platinum cobalt scale (second revision)	Feb 2011	
124	IS 8769:1978	Method of determination of ash and sulphated ash	Feb 2010	1
125	IS 8770:1978	Artificial sea water for laboratory use	Feb 2010	
126	IS 8813:1995	Potassium silicate, technical - Specification (first revision)	Feb 2010	
127	IS 8814:1978	Sodium metal	Feb 2010	
128	IS 8883(Part 1):2005	Methods of sampling chemical and chemical products : Part I General requirements and precautions (First Revision)	Jan 2012	
129	IS 8883(Part 2/Sec 1):1978	Methods of sampling chemicals and chemical products: Part 2 Sampling equipment - Sec 1 For solids	Feb 2010	1
130	IS 8883(Part 2/Sec 2):1978	Methods of sampling chemicals and chemical products: Part 2 Sampling equipment - Sec 2 For liquid	Feb 2010	1
131	IS 8883(Part 2/Sec 3):1978	Methods of sampling chemicals and chemical products: Part 2 Sampling equipment - Sec 3 For gases	Feb 2010	
132	IS 9189:1979	Method for determination of free chlorine in chlorinated organic liquid compounds (colorimetric)	Feb 2010	

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133	IS 9190:1979	Methods for determination of acidity and alkalinity in halogenated organic solvents and their admixture	Feb 2010	
134	IS 9252:1979	Method for determination of zinc (volumetric)	Feb 2010	
135	IS 9398:1987	Specification for Silicon tetrachloride, technical (first revision)	Feb 2010	
136	IS 9424:1979	Sodium metasilicate	Feb 2010	
137	IS 9497:1980	Method for determination of sodium and potassium (flame photometric)	Feb 2010	
138	IS 9506:1980	Method for determination of sulphate (volumetric)	Feb 2010	1
139	IS 9700:1991	Activated alumina - Specification (first revision)	Feb 2010	1
140	IS 9825:2003	Chlorine tablets - Specification (second revision)	Feb 2010	1
141	IS 9931:1981	Mercurimetric method for determination of chloride in inorganic chemicals	Feb 2010	
142	IS 9958:1981	Atomic absorption spectrophotometric method for determination of zinc	Jan 2012	
143	IS 10115:1982	Phosphorus pentasulphide	Feb 2011	2
144	IS 10116:1982	Boric acid	Feb 2011	1
145	IS 10125:1982	Specification for Copper carbonate	Feb 2011	
146	IS 10271:1982	Anhydrous hydrogen fluoride, technical	Feb 2010	3
147	IS 10332:1982	Hydrofluoric acid, aqueous	Feb 2010	4
148	IS 10535:1983	Manganese sulphate, monohydrate	Feb 2011	
149	IS 10614:1983	Method for atomic absorption spectrophotometric determination of sodium and potassium	Feb 2010	
150	IS 10895:1984	Copper nitrate	Feb 2010	
151	IS 10896:1984	Aluminium hydroxide, technical	Feb 2010	
152	IS 10904:1984	Sodium fluoride, technical	Feb 2010	
153	IS 11112:1984	Alumina, chromatographic grade	Feb 2010	
154	IS 11123:1984	Method for determination of copper by atomic absorption spectrophotometry	Feb 2010	
155	IS 11124:1984	Method for atomic absorption spectrophotometric determination of arsenic	Feb 2010	

* **INDICATES STANDARDS UNDER REVISION**
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** **INDICATES STANDARDS TO BE REVISED**
/ **INDICATES EQUIVALENT STANDARDS**

156	IS 11153:1996	Manganese dioxide for dry batteries - Specification (first revision)	Feb 2010	
157	IS 11224:1985	Rock phosphate for chemical industries	Feb 2010	
158	IS 11236:1985	Manganese acetate	Feb 2010	
159	IS 11237:1985	Manganese carbonate	Feb 2010	
160	IS 11305:1985	Specification for Thionyl chloride	Feb 2010	1
161	IS 11657:1986	Phosphorus oxychloride, technical	Feb 2010	
162	IS 11673:1992	Sodium hypochlorite solution (first revision)	Feb 2010	4
163	IS 11744:1986	Phosphorus pentachloride, technical	Feb 2010	
164	IS 11782:1986	Specification for Sodium cyanide, Technical	Feb 2010	
165	IS 12008:1986	Specification for Silica gel for chromatographic use	Feb 2010	
166	IS 12041:1987	Method for determination of mercury by atomic absorption spectrophotometer	Feb 2010	
167	IS 12042:1987	Method for determination of molybdenum by atomic absorption spectrophotometer	Feb 2010	
168	IS 12046:1987	Method for determination of manganese by atomic absorption spectrophotometry	Feb 2010	
169	IS 12074:1987	Method for determination of lead by atomic absorption spectrophotometry	Feb 2010	
170	IS 12122:1987	Method for determination of nickel by atomic absorption spectrophotometry	Feb 2010	
171	IS 12178:1987	Acetylene black	Feb 2010	
172	IS 12292:1988	Lead sub oxides (lead oxide) for lead-acid storage battery	Feb 2011	
173	IS 12478:1988	Ammonium sulphate, technical	Feb 2011	
174	IS 12491:1988	Method for determination of magnesium by atomic absorption spectrophotometry	Feb 2010	
175	IS 12612:1988	Method for colorimetric determination of tungsten	Feb 2010	
176	IS 12816:1989	Density composition tables for aqueous solutions of nitric acid	Feb 2010	
177	IS 12845:1989	Density composition tables for aqueous solutions of hydrochloric acid	Feb 2010	
178	IS 13057:1991	Potassium iodate	Feb 2010	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

179	IS 13318:1992	Spectrophotometric determination of nickel - Test	Feb 2010
180	IS 13319:1992	Determination of chromium by atomic absorption spectrophotometry - Test method	Feb 2010
181	IS 13320:1992	Determination of iron by atomic absorption spectrophotometry - Test method	Feb 2010
182	IS 13425:1992	Ammonium nitrate for nitrous oxide production	Feb 2010
183	IS 13565:1992	Method for spectrometric determination of nitrite	Feb 2010
184	IS 14211:1994	Molecular sieves - Specification	Feb 2011
185	IS 14212:1995	Sodium & Potassium silicate - Method of test	Feb 2011
186	IS 14295:1995	Calcium flouride - Specification	Feb 2011
187	IS 14305:1995	Basic lead carbonate - Specification	Feb 2011
188	IS 14780:2000	Zinc naphthenate - Specification	Feb 2011
189	IS 14781:2000	Sodium Thiosulphate- Specification	Feb 2011
190	IS 14932:2001	Sulfamic acid - Specification	Jan 2012
191	IS 15556:2005	Volumetric & Spectrophotometric estimation of iron (Amalgamating of IS 4284 & IS 4542)	Jan 2012
192	IS 15557:2005	Method for preparation of Buffer Solutions and Methods for determination of pH (Superseding of IS 3225 and IS 5741)	Jan 2012

FINALISED DRAFTS UNDER PRINT

1	DOC.CHD 1(1918)	Sodium formaldehyde sulphonylate (first revision of IS 4505)
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DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.CHD 1(1728)	Sodium hypochlorite solution (second revision of IS 11673)
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DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 1(1835)	Hydrochloric acid (Fifth revision of IS 265)
2	DOC.CHD 1(2040)	Specification for Boric Acid (first revision of IS 10116)C2

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

CHD 5 Electroplating Chemicals and Photographic Materials

SCOPE - To formulate Indian Standards on terminology, methods of sampling and tests, codes of practice for sampling, packaging, storage and specifications for electroplating and photographic chemicals, photographic paper, films, sizes of spools and related materials

Liaison - To co-ordinate with the work of
i) ISO/TC 42 Photography

SI. No. Reaffirm	IS Number/ No. of	DOC Number	Title	Date	
STANDARDS PUBLISHED					
1	IS 246:1986		Sodium thiosulphate, crystalline, photographic grade (fourth revision)	Feb 2013	
2	IS 330:1992		Chromium trioxide (second revision)	Feb 2013	
3	IS 388:1999		Hydroquinone, photographic grade - Specification (third revision)	Apr 2012	
4	IS 500:1999		Potassium metabisulphite, photographic grade - Specification (fourth revision)	Apr 2012	
5	IS 557:1988		Sodium acetate, photographic grade (third revision)	Feb 2013	
6	IS 1809:1979		Nickel salts for electroplating (second revision)	Feb 2013	1
7	IS 1880:1977		Zinc oxide and zinc salts for electroplating (first revision)	Feb 2013	
8	IS 2211:1993		Sodium thiosulphate, anhydrous, photographic grade (third revision)	Apr 2012	
9	IS 2214:1977		Specification for Silver nitrate, pure and analytical reagent (first revision)	Feb 2013	
10	IS 2318:1980		Silver nitrate, photographic grade (second revision)	Feb 2013	
11	IS 3026:1991		Tin salts for electroplating (second revision)	Feb 2013	
12	IS 4173:1975		4-methyl aminophenol sulphate (first revision)	Feb 2013	1
13	IS 4846:1968		Sodium potassium tartrate (Rochelle salt)	Feb 2013	
14	IS 4847:2006		Copper salts for electroplating - Specification(second revision)	Feb 2013	
15	IS 5003:1968		Cadmium oxide for electroplating	Feb 2013	
16	IS 5379:1969		Ammonium thiosulphate, photographic grade	Feb 2013	1
17	IS 5380:1976		Sodium bromide, photographic grade (first revision)	Feb 2013	
18	IS 5761(Part 1):1984		Specification for Gold cyanide and gold potassium cyanide for electroplating (first revision): Part 1 For commercial/engineering applications	Feb 2013	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

19	IS 5761(Part 2):1984	Gold cyanide and gold potassium cyanide for electroplating (first revision): Part 2 For special applications	Feb 2013	
20	IS 6139:1990	Sizes of black and white and colour photographic paper in sheets for general use (first revision)	Feb 2013	
21	IS 6155:1987	Sodium carbonate, monohydrate, photographic grade (first revision)	Feb 2013	
22	IS 6212:1992	Determination of thiosulphate and other residual chemicals in processed photographic films, plates and papers (first revision)	Feb 2013	
23	IS 6267:1971	Specification for Silver cyanide and silver potassium cyanide for electroplating	Feb 2013	1
24	IS 6358:1971	Potassium and sodium cyanides for electroplating	Feb 2013	1
25	IS 6588:1972	Gold chloride (chloroauric acid)	Feb 2013	
26	IS 6650:1972	Method for determination of residual thiosulphate and tetrathionate in processed photographic papers	Feb 2013	
27	IS 6678:1972	Specification for Ammonium thiosulphate solution, photographic grade	Feb 2013	1
28	IS 7038:1973	Chloroplatinic acid (Platinum chloride)	Feb 2013	
29	IS 7067:1973	Fluoboric acid and metal fluoborates for electroplating	Feb 2013	
30	IS 8281:1976	Hydroxylamine sulphate, photographic grade	Feb 2013	
31	IS 8590:1977	Indium sulphate for electroplating	Feb 2013	
32	IS 8984:1978	Dimensions of 127, 120 and 620 roll film backing paper and film spools	Apr 2012	1
33	IS 9341:1979	Sulphamic acid for electroplating	Feb 2013	
34	IS 9342:1987	Sodium hypophosphite for electroless plating (first revision)	Feb 2013	1
35	IS 9343:1979	1-phenyl-3-pyrazolidone, photographic grade	Feb 2013	1
36	IS 9909:1981	Succinic acid for electroless plating	Feb 2013	
37	IS 9923:1981	Palladium salts for electroplating	Feb 2013	
38	IS 9924:1981	Rhodium salts for electroplating	Feb 2013	
39	IS 10246:1982	N-N Diethyl-p-phenylenediamine sulphate, photographic grade	Feb 2013	
40	IS 10329:1982	Method for sensitometry of photographic papers	Feb 2013	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

41	IS 10396:1982	Methods for determining the curl of photographic film	Feb 2013
42	IS 10419:1982	Methods for determining the brittleness of photographic film	Feb 2013
43	IS 10438:1983	Specification for Potassium sulphite 650 g/l Aqueous solution for photographic Industry	Feb 2013 1
44	IS 10472:1983	Filter-aid powders for use in electroplating	Feb 2013
45	IS 10668:1983	Sodium formaldehyde bisulphite, anhydrous, photographic grade	Feb 2013
46	IS 10982:1984	Strontium sulphate for electroplating	Feb 2013
47	IS 11484:1985	Phenol sulphonic acid for electroplating	Feb 2013
48	IS 11603:1986	Ammonium thiocyanate, photographic grade	Feb 2013
49	IS 11751:1986	Sodium sulphite, anhydrous, photographic grade	Feb 2013
50	IS 11752:1986	Sodium metabisulphite, photographic grade	Feb 2013
51	IS 11788:1986	Specification for 2-amino-5-diethyl-Laminototune photographic grade, Hydrochloride	Feb 2013
52	IS 12121:1987	Sodium carbonate, anhydrous, photographic grade	Feb 2013
53	IS 12125:1987	Benzotriazole, photographic grade	Feb 2013
54	IS 12201:1987	Hydro fluosilicic acid for electroplating	Feb 2013
55	IS 12495:1988	Potassium ferricyanide, photographic grade	Feb 2013
56	IS 12496:1988	Sizes of film for industrial radiography	Feb 2013
57	IS 12517:1988	Sizes of photographic film for graphic arts use	Feb 2013
58	IS 12519:1988	Zinc pyrophosphate for electroplating	Feb 2013
59	IS 12533:1988	Sizes of paper in rolls for phototypesetting and photolettering devices	Feb 2013
60	IS 12551:1988	Potassium pyrophosphate for electroplating	Feb 2013
61	IS 12557:1988	Sodium pyrophosphate for electroplating	Feb 2013
62	IS 12846:1989	Boric acid, photographic grade	Feb 2013
63	IS 12865:1989	Potassium persulphate, photographic grade	Feb 2013

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

64	IS 12875:1989	Aluminium potassium sulphate (potash alum), photographic grade	Feb 2013
65	IS 12925:1990	Ferric Ammonium - EDTA solution for photographic industry	Feb 2013
66	IS 13014:1990	Sodium gluconate for electroplating	Feb 2013
67	IS 13075:1991	Sizes of rolls of black and white and colour paper for roll paper printers	Feb 2013
68	IS 13104:1991	2-Amino-5-[N-ethyl N-2, hydroxy ethyl] aminotoluene sulphate, Photographic grade (CD-4)	Feb 2013
69	IS 13105:1991	2-Amino-5-[N-Ethyl N-(2-methane) sulphonamido Ethyl] Aminotoluene, sesqui sulphate (monohydrate), Photographic Grade (CD-3)	Feb 2013
70	IS 13106:1991	Potassium bromide, photographic grade	Feb 2013
71	IS 13381:1992	Potassium carbonate, Anhydrous and sesquihydrate, Photographic Grade - Specification	Feb 2013
72	IS 13443:1992	Methylene chloride for degreasing prior to electroplating	Feb 2013
73	IS 13651:1993	1-1-1 Trichloroethane (methyl chloroform) for electroplating	Apr 2012
74	IS 15304:2003	Dipotassium Hydrogen Phosphate for electroplating - specification	Feb 2013

** INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS*

*** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS*

CHD 6 INDUSTRIAL GASES

SCOPE - a) To formulate Indian Standards for terminology; methods of sampling and test; codes of practice and specifications for industrial gases including high purity speciality gases and gas mixtures other than LPG.

b) To liaise with

- i) ISO/TC 158 Analysis of gases
- ii) ISO/TC 197 Hydrogen technologies

Sl. No.	IS Number/ DOC Number Reaffirm No. of	Title	Date
STANDARDS PUBLISHED			
1	** IS 307:1966	Carbon dioxide (second revision)	Mar 2012
2	IS 308:1988	Dissolved acetylene (gas) (third revision)	Feb 2011 1
3	IS 309:2005	Compressed Oxygen gas (fourth revision)	Feb 2011
4	IS 1090:2002	Compressed hydrogen -Specification (third revision)	Mar 2013 1
5	IS 1747:1972	Nitrogen (first revision)	Feb 2011 2
6	IS 2432:1993	Liquid sulphur dioxide - Specification (first revision)	Feb 2011 1
7	** IS 5610:1993	Chlorofluoro hydrocarbons of the methane and ethane series (second revision)	Mar 2012
8	IS 5760:1998	Argon, compressed and liquid - Specification (second revision)	Feb 2011 1
9	** IS 7062:1973	Glossary of terms used in gas industry	Mar 2012
10	IS 7278:1993	Methyl chloride- Specification (first revision)	Feb 2011 1
11	IS 13490:1992	Code of practice for handling speciality gases	Feb 2011 1
12	IS 14642(Part 2):1999 / ISO 8573-2:1996	Compressed air for general use - Part -2 : Test methods for aerosol oil	Mar 2014
13	IS 15578:2005	Code of practice for handling and usage of gas mixtures	Feb 2011
14	IS 15583:2005	Compressed Helium gas-Specification	Feb 2011 1
15	IS 16061(Part 1):2013 / ISO 14687-1:1999	Specification for Hydrogen fuel Part 1: All applications except proton exchange membrane (PEM) fuel cells for road vehicles	
16	IS 8573(Part 1):2001 / ISO 8573-1:2001	Compressed air- Part 1: Contaminant and purity classes	

FINALISED DRAFTS UNDER PRINT

1	DOC.CHD 6(1710) / ISO 6141:2000	Gas analysis - Requirements for certificates for calibration gases and gas mixtures.
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* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

2	DOC.CHD 6(1711) / ISO 6142:2001	Gas analysis - Preparation of calibration gas mixture - Gravimetric method
3	DOC.CHD 6(1712)	Gas analysis - Comparison methods for determining

	/ ISO 6143:2001	and checking the composition of calibration gas mixtures.
4	DOC.CHD 6(1714) / ISO 6145-1:2003	Gas analysis - Preparation of calibration gas mixtures using dynamic volumetric methods - Part 1 : Methods of calibration
5	DOC.CHD 6(1716) / ISO6145-4:2004	Gas analysis - Preparation of calibration gas mixtures using dynamic volumetric methods - Part 4 :Continuous syringe injection method.
6	DOC.CHD 6(1717) / ISO 6145-5:2001	Gas analysis - Preparation of calibration gas mixtures using dynamic volumetric methods - Part 5 :Capillary calibration devices.
7	DOC.CHD 6(1718) / ISO 6145-6:2003	Gas analysis - Preparation of calibration gas mixtures using dynamic volumetric methods - Part 6 :Critical orifices
8	DOC.CHD 6(1719) / ISO 6145-7:2001	Gas analysis - Preparation of calibration gas mixtures using dynamic volumetric methods - Part 7 :Thermal mass-flow controllers
9	DOC.CHD 6(1721) / ISO 6145-9:2001	Gas analysis - Preparation of calibration gas mixtures using dynamic volumetric methods - Part 9 : Saturation method
10	DOC.CHD 6(1722) / ISO 6145-10:2002	Gas analysis - Preparation of calibration gas mixtures using dynamic volumetric methods - Part 10 :Permeation method
11	DOC.CHD 6(1725) / ISO 16664:2004	Gas analysis - Handling of calibration gases and gas mixtures - Guidelines
12	DOC.CHD 6(1713) / ISO 6144:2003	Gas analysis - Preparation of calibration gas mixtures - Static volumetric method
13	DOC.CHD 6(1715) / ISO 6145-2:2001	Gas analysis - Preparation of calibration gas mixtures using dynamic volumetric methods - Part 2: Volumetric pumps
14	DOC.CHD 6(1720) / ISO 6145-8:2005	Gas analysis - Preparation of calibration gas mixtures using dynamic volumetric method
15	DOC.CHD 6(1723) / ISO 6145-11:2005	Gas analysis - Preparation of calibration gas mixtures using dynamic volumetric methods - Part 11 Electrochemical generation
16	DOC.CHD 6(1724) / ISO 15796:2005	Gas analysis Investigation and treatment of analytical bias
17	DOC.CHD 6(1726) / ISO 16110-1:2007	Hydrogen Generator using fuel processing technologies - Part 1 : Safety
18	DOC.CHD 6(1727) / ISO 14912:2003	Gas analysis - Conversion of gas mixture composition data
19	DOC.CHD 6(1841) / ISO 15916	Basic consideration for the safety of Hydrogen System
20	DOC.CHD 6(1917) / ISO 26142:2010	Hydrogen Detection Apparatus – Stationary Application
21	DOC.CHD 6(1909) / ISO 8573-3:1999	Compressed Air - Part 3: Test Methods for Measurement of Humidity

* **INDICATES STANDARDS UNDER REVISION**
/ **INDICATES DUAL NUMBER STANDARDS**

** **INDICATES STANDARDS TO BE REVISED**
/ **INDICATES EQUIVALENT STANDARDS**

22	DOC.CHD 6(1910) / ISO 8573-4:2001	Compressed Air - Part 4: Test Methods for Solid Particle Content
23	DOC.CHD 6(1911) / ISO 8573-5:2001	Compressed Air - Part 5: Determination of Oil Vapour And Organic Solvent Content
24	DOC.CHD 6(1912) / ISO 8573-6:2003	Compressed Air - Part 6: Test Methods for Gaseous Contaminant Content
25	DOC.CHD 6(1913) / ISO 8573-7:2003	Compressed Air - Part 7: Test Methods for Viable Microbiological Contaminant Content
26	DOC.CHD 6(1914) / ISO 8573-8:2004	Compressed Air – Part 8: Test Methods for Solid Particle Content By Mass Concentration
27	DOC.CHD 6(1915) / ISO 8573-9:2004	Compressed Air – Part 9: Test Methods for Liquid Water Content
28	DOC.CHD 6(1927) / ISO 22734-1:2008	Hydrogent Generators Using Water Electrolysis Process - Part 1 : Industrial and Commercial Applications

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 6(2037) / ISO 8573-1:2010	Compressed Air Part 1 Contaminants and Purity Classes
2	DOC.CHD 6(2038) / ISO 8573-2:2007	Compressed Air Part 2 Test Methods for Oil Aerosol Content (First Revision)
3	DOC.CHD 6(2039) / ISO 14687-2:2012	Hydrogent Fuel-Product Specification Part 2 : Proton Exchange Membrane (Pem) Fuel Cell Applications for Rod Vehicles

DRAFT STANDARDS FORMULATED

1	DOC.CHD 6(1477)	Carbon dioxide (third revision of IS 307)
2	DOC.CHD 6(1646)	Chlorofluoro hydrocarbons of the methane and ethane series (third revision of IS 5610)

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

CHD 7 Chemical Hazards

SCOPE - To formulate Indian Standards for

- i) Terminology relating to occupational safety and chemical hazards, methods of sampling and test,
- ii) Classification of chemical hazards and hazardous chemicals; and
- iii) Code of safety for operational hazards in industries, laboratories etc; safety data sheets and cards for hazardous chemicals.

SI. No.	IS Number/ Reaffirm No. of	DOC Number	Title	Date
STANDARDS PUBLISHED				
1	IS 1446:2002		Classification of dangerous goods (second revision)	Feb 2009
2	IS 4155:1966		Glossary of terms relating to chemical and radiation hazards and hazardous chemicals	Dec 2012 2
3	IS 4209:2013		Code of safety in chemical laboratories (second revision)	
4	IS 4262:2002		Sulphuric acid -Code of safety	Feb 2009
5	IS 4263:1967		Code of safety for chlorine	Dec 2012 2
6	IS 4264:1967		Code of safety for caustic soda	Dec 2012 1
7	IS 4312:1967		Code of safety for lead and its compounds	Feb 2009 1
8	IS 4544:2000		Ammonia -Code of safety (first revision)	Mar 2012 1
9	IS 4560:1968		Code of safety for nitric acid	Dec 2012
10	IS 4644:1968		Code of safety for benzene, toluene and xylene	Dec 2012
11	* IS 4906:1968		Code of safety for radiochemical laboratory	Feb 2009
12	IS 5184:1969		Code of safety for hydrofluoric acid	Feb 2009 1
13	IS 5208:1969		Code of safety for acetic acid	Dec 2012
14	IS 5302:1969		Code of safety for acetic anhydride	Feb 2009 1
15	IS 5311:1969		Code of safety for carbon tetrachloride	Feb 2009 1
16	IS 5685:1970		Code of safety for carbon disulphide	Feb 2009 2
17	IS 5931:1970		Code of safety for handling cryogenic liquids	Feb 2009 1
18	IS 6156:1971		Code of safety for chlorosulphonic acid	Feb 2009 1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

19	IS 6164:1971	Code of safety for hydrochloric acid	Feb 2009	
20	IS 6269:1971	Code of safety for ethylene oxide	Feb 2009	1
21	IS 6270:1971	Code of safety for phenol	Dec 2012	
22	IS 6818:1973	Code of safety for phosphoric acid	Feb 2009	2
23	IS 6819:1973	Code of safety for calcium carbide	Feb 2009	
24	IS 6953:1973	Code of safety for bromine	Mar 2012	
25	IS 6954:1973	Code of safety for caustic potash	Feb 2009	1
26	IS 7415:1974	Code of safety for aniline	Dec 2012	
27	IS 7420:1974	Code of safety for phthalic anhydride	Feb 2009	1
28	IS 7444:1974	Code of safety for methanol	Dec 2012	
29	IS 7445:1974	Code of safety for acetone	Feb 2009	1
30	IS 7812:1975	Code of safety for mercury	Feb 2009	1
31	IS 8185:1976	Code of safety for phosgene	Feb 2009	1
32	IS 8388:1977	Code of safety for nitrobenzene	Dec 2012	
33	IS 9052:1978	Code of safety for aluminium chloride, anhydrous	Feb 2009	1
34	IS 9053:1978	Code of safety for m-dinitrobenzene	Feb 2009	1
35	IS 9277:1979	Code of safety for monochlorobenzene	Feb 2009	1
36	IS 9278:1979	Code of safety for zinc phosphide	Feb 2009	
37	IS 9279:1979	Code of safety for aluminum phosphide	Feb 2009	1
38	IS 9744:1981	Code of safety for thionyl chloride	Feb 2009	2
39	IS 9785:1981	Code of safety for aluminium alkyls	Feb 2009	
40	IS 9786:1981	Code of safety for vinyl chloride monomer (VCM)	Dec 2012	2
41	IS 9787:1981	Code of safety for phosphoryl chloride	Feb 2009	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

42	IS 10870:1984	Code of safety for hexane	Feb 2009	
43	IS 10871:1984	Code of safety for hydrazine and hydrazine hydrate	Feb 2009	1
44	IS 10872:1984	Code of safety for malathion	Feb 2009	
45	IS 10920:1984	Code of safety for phosphorus trichloride	Feb 2009	1
46	IS 11141:1984	Code of safety for acrylonitrile	Feb 2009	1
47	IS 12033:1986	Code of safety for dinitro toluene (DNT)	Feb 2009	1
48	IS 12034:1986	Code of safety for methyl bromide	Feb 2009	1
49	IS 12035:1986	Code of safety in microbiological laboratories	Feb 2009	1
50	IS 12141:1987	Code of safety for methyl ethyl ketone	Feb 2009	1
51	IS 12142:1987	Code of safety for 1,1,1 trichloro ethane	Feb 2009	
52	IS 12143:1987	Code of safety for tetrachloroethane	Feb 2009	1
53	IS 13440:1992	Methyl chloride - Code of safety	Dec 2012	2
54	IS 13441:1992	Ethyl ether- Code of safety	Dec 2012	2
55	IS 13442:1992	Trichloro ethylene - Code of safety	Dec 2012	
56	IS 13447:1992	P-nitroaniline - Code of safety	Dec 2012	2
57	IS 13910:1993	Sulphur dioxide - Code of safety	Dec 2012	
58	IS 13911:1993	Code of safety for sulphur	Dec 2012	1
59	IS 13914:1993	Code of safety for perchlorates of ammonium, potassium and sodium	Dec 2012	1
60	IS 14165:1995	Handling of carcinogenic substances - Code of safety	Dec 2012	
61	IS 14200:1994	Hydrogen peroxide - Code of safety	Mar 2012	1
62	IS 14518:1998	Acetaldehyde - Code of Safety	Feb 2009	
63	IS 14572:1998	Chloroform - Code of safety	Mar 2012	2
64	IS 14631:1999	Styrene - Code of safety	Feb 2009	1

*** INDICATES STANDARDS UNDER REVISION**
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**** INDICATES STANDARDS TO BE REVISED**
/ INDICATES EQUIVALENT STANDARDS

65	IS 14814:2000	Acetylene - Code of safety	Mar 2012	1
66	IS 14983:2002	Phosphorus (white or yellow) - Code of safety	Feb 2009	
67	IS 14984:2001	1-3 butadiene -Code of safety	Dec 2012	
68	IS 14985:2001	Methyl acrylate and ethyl acrylate - Code of safety	Dec 2012	
69	IS 15200:2002	Hydrogen sulphide - Code of safety	Feb 2009	
70	IS 15201:2002	Hydrogen - Code of Safety	Feb 2009	
71	IS 15548:2005	Hydrofluorocarbon (HFC-134a) - Code of Safety	Mar 2012	
72	IS 15738:2007	Stable Bleaching Powder - Code of Safety	Dec 2012	

FINALISED DRAFTS UNDER PRINT

1	DOC.CHD 7(1823)	Code of Safety in Radiochemical Laboratory (First Revision of IS 4906)		
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** INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS*

*** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS*

CHD 8 OCCUPATIONAL HEALTH AND SAFETY

SCOPE - i) Code of practice for procedures and specification for safety equipment made of various alternative materials of construction
 ii) occupational safety and health management system, procedure and practices;

SI. No.	IS Number/ Reaffirm No. of	DOC Number	Title	Date	
STANDARDS PUBLISHED					
1	IS 3521:1999		Industrial safety belts and harnesses - Specification (third revision)	Feb 2009	2
2	IS 3786:1983		Methods for computation of frequency and severity rates for industrial injuries and classification of industrial accidents (first revision)	Feb 2009	
3	IS 5983:1980		Specification for Eye-protectors (first revision)	Dec 2012	1
4	** IS 6994(Part 1):1973		Specification for Industrial Safety Gloves: Part 1 Leather and cotton gloves	Dec 2012	2
5	IS 7524(Part 1):1980		Methods of test for eye protectors: Part 1 Non-optical tests (first revision)	Dec 2012	1
6	IS 7524(Part 2):1979		Methods of test for eye protectors: Part 2 Optical tests (first revision)	Dec 2012	
7	IS 8091:2008		Industrial Plant Layout - Code of safe practice (first revision)	Apr 2013	
8	IS 8095:1976		Specification for Accidents prevention tags	Dec 2012	
9	IS 8218(Part 1):1976		Safety code for plant railways Part 1 Layout	Dec 2012	
10	IS 8218(Part 2):1982		Safety code for plant railways Part 2 Locomotives, wagons and their movements	Dec 2012	
11	IS 8347:2008		Respiratory Protective Devices - Definition, Classification and Nomenclature of Components (first revision)	Apr 2013	
12	IS 8519:1977		Guide for selection of industrial safety equipment for body protection	Dec 2012	
13	IS 8520:1977		Guide for selection of industrial safety equipment for eye, face and ear protection	Dec 2012	
14	IS 8521(Part 1):1977		Specification for Industrial safety face shields Part 1 With plastic visor	Dec 2012	1
15	IS 8521(Part 2):1994		Industrial safety faceshields - Specification : Part 2 With wire mesh visor	Feb 2009	
16	IS 8807:1978		Guide for selection of industrial safety equipment for protection of arms and hands	Dec 2012	
17	IS 8940:1978		Code of practice for maintenance and care of industrial safety equipment for eyes and face protection	Dec 2012	
18	IS 8990:1978		Code of practice for maintenance and care of industrial safety clothing	Dec 2012	

* INDICATES STANDARDS UNDER REVISION
 / INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
 / INDICATES EQUIVALENT STANDARDS

19	IS 9457:2005	Safety colours and safety signs - Code of practice(first revision)	May 2010	
20	IS 9473:2002	Respiratory protective devices - Filtering half masks to protect against particles- Specification (first revision)	Feb 2009	
21	IS 9563:1980	Specification for Carbon monoxide filter self-rescuers	Mar 2012	1
22	IS 9623:2008	Selection, use and maintenance of respiratory protective devices - Code of practice (first revision)	Apr 2013	
23	IS 9679:1980	Code of practice for work environmental monitoring (air borne contaminants)	Feb 2009	
24	IS 9937:1981	Specification for Portable methanometer (Electrical type)	Dec 2012	
25	IS 10224:1982	Ergonomic principles in the design of work systems	Feb 2009	
26	IS 10245(Part 1):1996	Breathing apparatus Part 1 Closed circuit breathing apparatus (compressed oxygen cylinder) - Specification (first revision)	Mar 2012	1
27	IS 10245(Part 2):1994	Respiratory protective devices-Specification: Part 2 Open circuit breathing apparatus (first revision)	Mar 2012	2
28	IS 10245(Part 3):1999	Breathing apparatus Part 3 Fresh air hose and compressed air line breathing apparatus-Specification(first revision)	Mar 2012	
29	IS 10245(Part 4):1982	Specification for breathing apparatus Part 4 Escape breathing apparatus (short duration self-contained	Feb 2009	
30	IS 10592:1982	Specification for industrial emergency showers, eye and face fountains and combination units	Dec 2012	1
31	IS 10667:1983	Guide for selection for industrial safety equipment for protection of foot and leg	Dec 2012	1
32	IS 13293:1992	Gas detector tubes - General requirements and Methods of test	Feb 2009	1
33	IS 13366:1992	Resuscitators intended for use with humans - Specification	Feb 2009	
34	IS 14138(Part 1):1994	Respiratory protective devices:Threads for facepieces, Part 1 Standard thread connection- Specification	Feb 2009	
35	IS 14138(Part 2):1994	Respiratory Protective devices: Threads for facepieces Part 2 Centre thread connection - Specification	Feb 2009	
36	IS 14166:1994	Respiratory protective devices : Full face masks - Specification	Feb 2009	
37	IS 14170:1994	Respiratory protective devices : Mouthpiece assemblies - Specification	Feb 2009	
38	* IS 14489:1998	Code of practice on occupational safety and health audit	Feb 2009	
39	IS 14744:1999	Flame retardant protective hoods- Specification	Feb 2009	
40	IS 14746:1999	Respiratory protective devices : Half masks and quarter masks – Specification	Feb 2009	2

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

41	IS 15071:2002	Chemical protective clothing - Specification	Feb 2009
42	IS 15321:2003	Molten metal splash protective hoods - Specification	Feb 2009
43	IS 15322:2003	Particle filters used in respiratory protective equipment -Specification	Feb 2009
44	IS 15323:2003	Gas filters and combined filters used in respiratory protective equipment - Specification	Feb 2009
45	* IS 15465:2004 / ISO 10156	Gases and gas mixtures-Determinatin of fire potential and oxidizing ability for the selection of cylinder valve outlets	May 2010
46	IS 15656:2006	Hazard identification and risk analysis-Code of practice	Dec 2012
47	IS 15793:2007	Managing environment, occupational health and safety legal compliance - Requirements of good practices	Dec 2012
48	IS 15803:2008	Respiratory protective devices -Self contained closed circuit breathing apparatus chemical oxygen (KO2) type, self generating, self rescuers - Specification	Apr 2013 2
49	* IS 15809:2008	High visibility warning clothes-Specification	Apr 2013
50	IS 18001:2007	Occupational health and safety management system - Requirements with guidance for use(first revision)	Dec 2012

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 8(2049)	Amendment No. 3 to IS 15803 Respiratory protective devices -Self contained closed circuit breathing apparatus chemical oxygen (KO2) type, self generating, self rescuers - Specification
2	DOC.CHD 8(2139)	Amendment No. 1 to IS 15793 Managing environment, occupational health and safety legal compliance - Requirements of good practices
3	DOC.CHD 8(1960)	High Visibility Warning Clothes - Specification (first revision of IS 15809)
4	DOC.CHD 8(1536)	Occupational safety and health audit - Code of practice
5	DOC.CHD 8(2046)	Swimming Pool for Public - Code of practice
6	DOC.CHD 8(2047) / ISO 10156:2010	Gases and gas mixture- Determination of fire potential and oxidizing ability for the selection of cylinder valve outlets (first revision of IS 15465)

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

CHD 9 CERAMICWARE

SCOPE - a) To formulate Indian Standards for terminology, methods of sampling and test; and specification for:

- i) Raw Materials used in manufacturing of all types of ceramic products including synthetic raw materials;
- ii) Whiteware, all types of ceramic table ware (excluding porcelain insulators, sanitary ware, tiles, salt glazed pipes & fittings; and ceramic laboratory ware;
- iii) Technical Ceramics;
- iv) Ceramic Coated Metal ware (excluding wares used in hospitals.

b) To Coordinate with the work of

- i) ISO/TC 107 Metallic and other Inorganic Coatings;
- ii) ISO/TC 166 Ceramicware, Glassware and Glass Ceramicware in contact with Food.
- iii) ISO/TC 206 Fine Ceramics

SI. No.	IS Number/ DOC Number	Title	Date	Reaffirm No. of
STANDARDS PUBLISHED				
1	IS 2333:1992	Plaster of paris for ceramic industry (second revision)	Mar 2014	1
2	IS 2717:1979	Glossary of terms relating to vitreous enamelware and ceramic-metal systems (first revision)	Mar 2014	1
3	IS 2781:2004	Glossary of terms relating to ceramicware (second revision)	Mar 2014	
4	IS 2838:1964	Stoneware containers for general purposes	Mar 2014	3
5	IS 2839:1964	Industrial stoneware	Mar 2014	4
6	IS 2840:2002	China clay for ceramic industry -Specification (second revision)	Feb 2013	1
7	IS 2857:2002	Earthenware crockeryware -Specification (third revision)	Feb 2013	
8	IS 3149:1994	Enamelware for home use (second revision)	Nov 2010	1
9	IS 3505:2002	Porcelain crockeryware-Specification (third revision)	Feb 2013	
10	IS 3972(Part 1/Sec 1):1982 ISO 2723:1995	Methods of test for vitreous enamelware: Part 1 Production of specimens for testing, Section 1 Enamelled sheet steel (first revision)	Nov 2010	1
11	IS 3972(Part 1/Sec 2):1982 ISO 2724:1973	Methods of test for vitreous enamelware: Part 1 Production of specimens for testing, Section 2 Enamelled cast iron (first revision)	Nov 2010	2
12	IS 3972(Part 2/Sec 1):1985	Methods of test for vitreous enamelware: Part 2 Test methods, Section 1 Resistance to citric acid at room temperature and boiling temperature (first revision)	Dec 2011	1
13	IS 3972(Part 2/Sec 2):1985	Methods of test for vitreous enamelware: Part 2 Test methods, Section 2 Low and high voltage tests for detecting and locating defects (first revision)	Dec 2011	

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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14	IS 3972(Part 2/Sec 3):1988 ISO 2744:1998	Methods of test for vitreous enamelware : Part 2 Test methods, Section 3 Resistance to boiling water and water vapour (first revision)	Nov 2010	1
15	IS 3972(Part 2/Sec 4):1988 ISO 2747:1998	Methods of test for vitreous enamelware : Part 2 Test methods, Section 4 Resistance to thermal shock (first revision)	Nov 2010	
16	IS 3972(Part 2/Sec 5):1988 ISO 2745:1998	Methods of test for vitreous enamelware : Part 2 Test methods, Section 5 Resistance to hot alkali (sodium hydroxide) (first revision)	Nov 2010	1
17	IS 3972(Part 2/Sec 6):1988	Methods of test for vitreous enamelware : Part 2 Test methods, Section 6 Reflectance and specular gloss (first revision)	Nov 2010	
18	IS 3972(Part 2/Sec 7):1990 ISO2743:1986	Methods of test for vitreous enamelware: Part 2 Test methods, Section 7 Resistance to boiling hydrochloric acid (first revision)	Dec 2011	
19	IS 3972(Part 2/Sec 8):1990 ISO 4530:1983	Methods of test for vitreous enamelware: Part 2 Test methods, Section 8 Resistance to heat (first revision)	Dec 2011	
20	IS 3972(Part 2/Sec 9):1991 ISO 8290:1998	Methods of test for vitreous enamelware: Part 2 Test methods, Section 9 Resistance to dilute sulphuric acid (first revision)	Nov 2010	1
21	IS 3972(Part 2/Sec 11):1995	Methods of test for vitreous enamelware: Part 2 Test method, Section 11 Resistance to abrasion (first revision)	Dec 2011	
22	IS 3972(Part 2/Sec 12):1999	Methods of test for vitreous enamelware: Part 2 Test methods, Section 12 Resistance to torsion (first revision)	Nov 2010	
23	IS 3972(Part 2/Sec 13):2007	Methods of test for vitreous enamelware: Part 2 Test methods, Section 13 Resistance to warpage (first revision)	Mar 2012	
24	IS 3972(Part 2/Sec 14):2007	Methods of test for vitreous enamelware: Part 2 Test methods, Section 14 Resistance to adherence (first revision)	Mar 2012	
25	IS 4589:2002	Plastic clay and washed plastic clay for ceramic industry -Specification (third revision)	Feb 2013	1
26	IS 6988:2002	Fine (Bone)china crockeryware -Specification (second revision)	Feb 2013	
27	IS 7087:1979	Ceramic tower packings (first revision)	Dec 2011	2
28	IS 7402:2011	Ceramic water filter candles - Specification (second revision)		
29	IS 7775:1975	Ceramic grinding media and lining	Nov 2010	1
30	IS 8017:1988	Vitreous enamelled reflectors for use with illuminating device (first revision)	Nov 2010	1
31	IS 8687(Part 1):1977	Methods of test for vitreous enamels and frits: Part 1 Sieve analysis	Dec 2011	1
32	IS 8687(Part 2):1977	Methods of test for vitreous enamels and frits: Part 2 Fusion flow test	Dec 2011	1
33	IS 8709:1977	Method of test for colour retention of vitreous enamel coatings	Dec 2011	1

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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34	IS 9749:2007	Potash feldspar and soda feldspar for glass and ceramic industry (first revision)	Mar 2012	
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35	IS 9806:2001	Method of test for and permissible limits of toxic materials released from ceramicware, vitreous enamelware, glassware and glass ceramicware in contact with food (first revision)	Dec 2011	
36	IS 10429:2011	Powdered talc for ceramic industry (first revision)		
37	IS 11464:2011	Quartz for ceramic industry - Specification (first revision)		
38	IS 11475:2002	Stoneware crockeryware -Specification (second revision)	Feb 2013	
39	IS 11477:2011	Pyrophyllite for ceramic industry - Specification (first revision)		
40	IS 11643:1985	Silicon carbide for bonded abrasive products	Dec 2011	1
41	IS 12038(Part 1):2007 / ISO 4531-1:1998	Vitreous and porcelain enamels - Release of lead and cadmium from enamelled ware in contact with food -	Mar 2012	
42	IS 12038(Part 2):2007 / ISO 4531-2:1998	Vitreous and porcelain enamels - Release of lead and cadmium from enamelled ware in contact with food -	Mar 2012	
43	IS 12621:1988	Bentonite for ceramic industry	Dec 2011	2
44	IS 12928:1990	Precipitated barium carbonate for ceramic and glass industry	Dec 2011	1
45	IS 13273:1991	Vitreous enamelled inner tanks for storage water heater	Mar 2014	1
46	IS 14179:1999	Methods of test for ceramic tableware	Nov 2010	
47	IS 14705:1999	Vitreous china crockeryware - Specification	Nov 2010	
48	IS 14721:1999	Zinc oxide for ceramic industry - Specification	Nov 2010	
49	IS 15751:2007	Calcite for Ceramic Industry - Specification	Mar 2012	
50	IS 15752:2007	Sericite for Ceramic Industry - Specification	Mar 2012	

*** INDICATES STANDARDS UNDER REVISION**
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**** INDICATES STANDARDS TO BE REVISED**
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CHD 10 GLASS, GLASSWARE AND LABORATORYWARE

- SCOPE -**
- a) To formulate Indian Standards for terminology, code of practice, methods of sampling and tests and specifications for glass including, its raw material, glassware, processed glass, television screen panel, self cleaning cathode ray tube and laboratoryware including thermometer, hydrometers (made from glass, plastics, ceramic, silica etc.) not covered by scopes of other Sectional Committees
 - b) To coordinate with the work of
 - i) ISO/TC 22/SC11 Road vehicles/Safety glazing materials
 - ii) ISO/TC 48 Laboratory equipment
 - iii) ISO/TC 63 Glass containers
 - iv) ISO/TC 160 Glass in building

SI. No.	IS Number/ DOC Number	Title	Date
Reaffirm	No. of		
STANDARDS PUBLISHED			
1	IS 488:1980	Glass making sands (second revision)	Feb 2013
2	IS 718:1990 / ISO 718	Laboratory glassware- Thermal shock and thermal shock endurance-Test methods	
3	IS 835:2007 / ISO 835	Laboratory glassware- Graduated pipettes	Mar 2012
4	IS 878:2008 / ISO 4788:2005	Laboratory Glassware- Graduated measuring cylinders (second revision)	Feb 2013
5	IS 915:2012 / ISO 1042:1998	Laboratory glassware- One mark volumetric flasks	
6	IS 997:1973	Limestone and dolomite for glass and ceramic industry (first revision)	Feb 2013 1
7	IS 1106:1986	Distilled water glass bottles (first revision)	Mar 2012 1
8	IS 1107:1986	Aerated water glass bottles, crown finish type (second revision)	Mar 2012 1
9	IS 1112(Part 1):1989	Glass shells for general lighting service lamps : Part 1 - 54 to 80 mm shell diameter (second revision)	Dec 2011 1
10	IS 1112(Part 2):1989	Glass shells for general lighting service lamps : Part 2 - 81 to 130 mm shell diameter (second revision)	Dec 2011
11	IS 1116:1994	Glass globes for hurricane lanterns (first revision)	Sep 2010 1
12	IS 1117:1975 ISO 648:1977	One-mark pipettes (first revision)	Mar 2012 2
13	IS 1381(Part 1):2003 / ISO 1773:1997	Laboratory Glassware - Narrow-Necked Boiling Flasks (Second Revision)	Feb 2013 1
14	IS 1381(Part 2):2008 / ISO 4797:2004	Laboratory Glassware - Boiling flasks with conical ground joints (second revision)	Feb 2013
15	IS 1382:1981	Glossary of terms relating to glass and glassware (first revision)	Feb 2013
16	IS 1388(Part 1):2005 / ISO 4796-1:2000	Laboratory glassware- Bottles Part 1 Screw-neck bottles (second revision)	Feb 2011

* INDICATES STANDARDS UNDER REVISION
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17	IS 1388(Part 2):2005 / ISO 4796-2:2000	Laboratory glassware- Bottles Part 2 : Conical neck bottles (second revision)	Feb 2011	
18	IS 1388(Part 3):2005 / ISO 4796-3:2000	Laboratory glassware- Bottles Part 3 : Aspirator bottles (second revision)	Feb 2011	
19	IS 1392:1999	Glass milk bottles - Specification (fourth revision)	Feb 2013	1
20	IS 1541:2006	Glass filter funnels (second revision)	Dec 2011	
21	IS 1574:1980	Glass weighing bottles (first revision)	Mar 2012	1
22	IS 1575:2003 / ISO 4800:1998	Laboratory glassware - Separating funnels and dropping funnels (second revision)	Feb 2013	
23	IS 1590:2000	Laboratory glassware - Glass filter flask - Specification (first revision)	Sep 2010	
24	IS 1662:1974	Glass liquor bottles (second revision)	Dec 2011	2
25	IS 1672:1967	Floating dairy thermometers (first revision)	Dec 2011	
26	IS 1922:1961	Liquid gold, bright	Dec 2011	1
27	IS 1945:1986	Glass bottles for fluid inks (first revision)	Mar 2012	
28	IS 1961:1968	Glass tableware (first revision)	Dec 2011	3
29	IS 1975:1984	Signal roundels and lenses for use in railways (first revision)	Mar 2012	1
30	IS 1996:2003 / ISO 4785:1997	Laboratory Glassware - Straight-Bore glass stopcocks for general purposes (first revision)	Feb 2013	
31	IS 1997:2008 / ISO 385:2005	Laboratory Glassware- Burettes (third revision)	Feb 2013	
32	IS 2091:1983	Multi-trip glass beer bottles (second revision)	Feb 2013	2
33	IS 2303(Part 1/Sec 1):2012 / ISO 719:1985 (E)	Glass- Hydrolytic resistance of glass grains at 98oC - Method of test and classification		
34	IS 2303(Part 1/Sec 2):2012 / ISO 720:1985	Glass- Hydrolytic resistance of glass grains at 121oC – Method of test and classification		
35	IS 2303(Part 2):1994	Grading glass for alkalinity Part 2 Hydrolytic resistance of glass containers (first revision)	Sep 2010	1
36	IS 2351:1988	Marble stoppered aerated water glass bottles (first revision)	Feb 2013	
37	IS 2480(Part 1):1983	Specification for General purpose glass thermometers: Part 1 Solid stem thermometers (second revision)	Mar 2012	1
38	IS 2480(Part 2):1982	General purpose glass thermometers: Part 2 Enclosed scale thermometers (second revision)	Dec 2011	

* INDICATES STANDARDS UNDER REVISION
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39	** IS 2553(Part 1):1990	Safety glass Part 1 General Purposes (third revision)	Dec 2011	5
40	IS 2618:2006 ISO 4142 :2002	Glass test tube (second revision)	Dec 2011	
41	IS 2619:1993 ISO 3819:1985	Glass beakers (second revision)	Mar 2012	1
42	IS 2620:1963	Distilling flasks	Feb 2013	2
43	IS 2626:1972	Petri dishes (first revision)	Mar 2012	2
44	IS 2627:1979	Glossary of terms relating to liquid-in-glass thermometers (first revision)	Mar 2012	
45	IS 2835:1987	Flat transparent sheet glass (third revision)	Feb 2013	
46	IS 2836:1974 ISO 1775:1975	Methods of test and quality requirements for porcelain, laboratory apparatus (first revision)	Mar 2012	
47	IS 2837(Part 1):1975	Porcelain crucibles and basins: Part 1 Crucibles (first revision)	Feb 2013	1
48	IS 2837(Part 2):1977	Porcelain crucibles and basins: Part 2 Basins (first revision)	Mar 2012	
49	IS 3104(Part 1):1982 ISO 649-1:1981	Density hydrometers: Part I Requirements (first revision)	Feb 2013	1
50	IS 3104(Part 2):1982 ISO 649-2:1981	Density hydrometers:Part 2 Methods of test and use (first revision)	Feb 2013	
51	IS 3432:1965	Clay pipe triangles	Mar 2012	1
52	** IS 3438:1994	Silvered glass mirrors for general purposes - specification (second revision)	Dec 2011	2
53	IS 3608(Part 1):1987	Glass alcoholometers: Part 1 Glass alcoholometers without thermometers (first revision)	Mar 2012	
54	IS 3608(Part 2):1987	Glass alcoholometers: Part 2 Glass alcoholometers with thermometer (first revision)	Mar 2012	
55	IS 3702:1989	Refills for vacuum flasks (second revision)	Dec 2011	1
56	IS 3936:1966	Porcelain mortars and pestles	Mar 2012	
57	IS 3953:1966	High temperature ceramic combustion boats	Mar 2012	1
58	IS 3990:1967	High temperature ceramic combustion tubes	Mar 2012	2
59	IS 4161:1967	Nessler cylinders	Dec 2011	2
60	IS 4426:1992	Methods of sampling laboratory glassware (first revision)	Mar 2012	
61	IS 4610:1968	Glass tubes for general purpose and reference thermometers	Dec 2011	2

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62	IS 4787:2010 / ISO 4787	Laboratory glassware-volumetric instruments- Method of testing of capacity and for use		
63	IS 4803:1978 / ISO 4803:1978	Laboratory glassware- Borosilicate glass tubing		
64	IS 4825:1982	Liquid-in-glass solid-stem reference thermometers (first revision)	Feb 2013	
65	IS 5009:1968	Buchner funnels	Mar 2012	1
66	IS 5011:1968	Gooch crucibles	Mar 2012	
67	IS 5081:1990	Glass tubes for tubular fluorescent lamps for general lighting services lamps (first revision)	Dec 2011	
68	IS 5165:1969 ISO 383:1976	Interchangeable conical ground-glass joints	Dec 2011	
69	IS 5168:1969	Glass feeding bottles	Mar 2012	2
70	IS 5437:1994	Figured rolled and wired glass (First revision)	Sep 2010	2
71	IS 5623:2012 / ISO 7991:1987	Glass-Determination of coefficient of mean linear thermal expansion		
72	IS 5681:1992	General meteorological thermometers, liquid-in-glass (second revision)	Mar 2012	
73	IS 5715:1986	Glass carboys (first revision)	Mar 2012	1
74	IS 5717:2003 / ISO 3507:1999	Laboratory Glassware - Pyknometers (Second Revision)	Feb 2013	
75	IS 5725:1970	Psychrometers, unventilated (dry and wet bulb hygrometers)	Dec 2011	
76	IS 5870:1970	Glass globes for internal lighting of passenger coaches	Mar 2012	1
77	IS 5984:1999	Glass shells for miniature lamps - Specification (first revision)	Sep 2010	1
78	IS 6017:1971	Thermometer for whirling psychrometers	Mar 2012	1
79	IS 6052:1988 ISO 4799:1978	Glass condensers (first revision)	Sep 2010	1
80	IS 6128:1971	Desiccators	Mar 2012	1
81	IS 6154:1971	Perforated plates for desiccators	Mar 2012	
82	IS 6274:1971	Method of calibrating liquid-in-glass thermometers	Mar 2012	
83	IS 6500:1972	Thermometers for measurement of sea surface temperatures	Mar 2012	
84	IS 6506:1972	Methods for thermal shock tests on glassware	Sep 2010	

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85	IS 6592:1972	Soil thermometers	Mar 2012	
86	IS 6654:1992	Glossary of terms relating to glass containers (second revision)	Feb 2013	
87	IS 6917:1973	Glass lenses for automobile headlights (replaceable bulb type)	Feb 2013	1
88	IS 6945:1973	Code of practice for packaging glass and glassware	Feb 2013	
89	IS 6981:1992	Glass jars for air-depolarized primary (caustic soda) wet cells (first revision)	Feb 2013	
90	IS 7000:1973	General purpose maximum-minimum thermometers	Mar 2012	
91	IS 7324:1983	Brix hydrometers (first revision)	Dec 2011	1
92	IS 7374:1974	Glass rods and tubing for laboratory glassware	Sep 2010	1
93	IS 7511(Part 1):1992	Dimensions for neck finishes: Part 1 Shallow continuous thread finish (R3) (second revision)	Feb 2013	
94	IS 7511(Part 2):1986	Part 2 Shallow continuous thread finish for deep screw caps (R 3/D) (first revision)	Mar 2012	1
95	IS 7511(Part 3):1986	Part 3 Roll-on thread non-pilfer-proof (RONPP) (first revision)	Mar 2012	
96	IS 7511(Part 4):1986	Part 4 Roll-on sealed threads pilfer-proof (first revision)	Mar 2012	1
97	IS 7511(Part 5):1986	Part 5 Vial goldie seal glass finishes (first revision)	Mar 2012	
98	IS 7511(Part 6):1986	Part 6 Dual neck finish (first revision)	Mar 2012	
99	IS 7511(Part 7):1986	Part 7 Crown finish (first revision)	Mar 2012	
100	IS 7511(Part 8):1986	Part 8 Vacuum lug finish (first revision)	Mar 2012	1
101	IS 7511(Part 9):1992	Part 9 28mm roll on finishes for pressurised liquids	Mar 2012	
102	IS 7511(Part 10):1991	Part 10 Continuous screw thread for use with plastic cap	Mar 2012	
103	IS 7708:1975	Vacuum flasks	Feb 2013	1
104	IS 8655(Part 7):2005 / ISO 8655-7	Piston operated volumetric apparatus- Part 7: Non - gravimetric methods for the assessment of equipment performance	Feb 2011	
105	IS 8697:1977	Code of practice for export packaging of glass containers ware	Feb 2013	
106	IS 8728:1977	Adjustable range thermometers	Feb 2013	

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** INDICATES STANDARDS TO BE REVISED
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107	IS 8729:1977 ISO 384:1978	Principles of construction and adjustment of volumetric glassware	Mar 2012	1
108	IS 8787:1977 ISO 386:1977	Principles of design, construction and use of liquid-in-glass thermometers	Feb 2013	
109	IS 8897:1978	Tables for calibration and method of verification of volumetric glassware	Feb 2013	1
110	IS 9153:1978	Methods of polariscopic examination of glassware	Feb 2013	
111	IS 9154:1978	Methods of determination of alkali resistance of glass	Mar 2012	
112	IS 9157:1979	Sodium nitrate and potassium nitrate for glass compositions	Feb 2013	
113	IS 9213:1979	BOD bottles	Mar 2012	1
114	IS 9425:1980	Selenium for glass compositions	Feb 2013	
115	IS 9621:1980 ISO 387:1977	Principles of construction and adjustment of glass hydrometers	Mar 2012	1
116	IS 9780:1992	Glass bottles for tomato ketchup (first revision)	Feb 2013	1
117	IS 9781:1989	Glass jar for jams, jellies and marmalades (first revision)	Dec 2011	1
118	IS 10072:1982 ISO 7056:1981	Plastics beakers	Feb 2013	
119	IS 10073:1982 ISO 6706:1981	Plastics graduated measuring cylinders	Feb 2013	
120	IS 10133:1982	Glass bottles-dimensional relationships and tolerances	Feb 2013	
121	IS 10231:1982 ISO 7057:1981	Plastics filter funnels	Feb 2013	
122	IS 10497:1983	Methods of test for determination of brimful capacity of glass containers by gravimetric method	Feb 2013	
123	IS 10516:1983	Methods of test for internal pressure resistance for glass containers	Feb 2013	
124	IS 10640:2011	Soxhlet extractors - Specification (first revision)		
125	IS 11369:1985	Glass honey jars	Mar 2012	
126	IS 11468:2012 / ISO 1769:1975	Laboratory glassware- Pipettes— Colour coding		
127	IS 11469:1985 ISO 4794:1982	Method for assessing chemical resistance of enamels used for colour coding and colour marking	Mar 2012	
128	IS 11539:1986	Method of vertical load test for glass containers	Mar 2012	
129	IS 11930:1986	Methods of thermal shock test for glass containers	Feb 2013	

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130	IS 11984:1986	Glass bottles for free flowing liquids	Mar 2012	2
131	IS 11985:1987	Glass jars for pickles	Feb 2013	1
132	IS 11990:1986	Gas washing bottle	Mar 2012	1
133	IS 12244(Part 1):1988	Colorimeter thermometers: Part 1 Solid-stem thermometers	Feb 2013	
134	IS 12244(Part 2):1988	Colorimeter thermometers: Part 2 Enclosed scale thermometers	Feb 2013	
135	IS 12255:1988	Baume hydrometers	Feb 2013	
136	IS 12305:1988 ISO 4793:1980	Laboratory sintered (fritted) filters, porosity grading, classification and designation	Feb 2011	
137	IS 12580(Part 1):1989	Glass thermometers for precision use: Part 1 Solid-stem thermometers	Dec 2011	
138	IS 12580(Part 2):1989	Glass thermometers for precision use: Part 2 Enclosed-scale thermometers	Dec 2011	
139	IS 12581:1989	Glass containers for domestic fruit preserving	Dec 2011	1
140	IS 12868:1989	Glass aerosol containers	Dec 2011	
141	IS 12869(Part 1):1989	Methods for determination of viscosity and viscometric fixed points of glass: Part 1 Determination of viscosity by fibre elongation method	Dec 2011	
142	IS 12869(Part 2):1989	Methods for determination of viscosity and viscometric fixed points of glass: Part 2 Determination of softening point	Dec 2011	
143	IS 12869(Part 3):1998	Methods for determination of viscosity and viscometric fixed points of glass: Part 3 Determination of annealing and strain point by beam bending method	Feb 2013	
144	IS 12950:1990	Battery hydrometer portable syringe type for lead-acid batteries	Mar 2012	
145	IS 13650:1993	Glass containers for proteinized food	Mar 2012	1
146	IS 14837:2000 ISO 1772:1975	Laboratoryware - Silica crucible - Specification	Feb 2011	
147	IS 14838:2000	Laboratoryware - Plastics wash bottles - Specification	Sep 2010	
148	IS 14868:2012 / ISO 641:1975	Laboratory glassware-Interchangeable spherical ground joints		
149	IS 14900:2000	Transparent float glass - Specification	Sep 2010	
150	IS 24450:2005 / ISO 24450:2005	Laboratory glassware - Wide-necked boiling flasks	Feb 2011	
151	IS 24998:2008 / ISO 24998:2008	Plastic Laboratoryware - single use Petri dishes for microbiological procedures		

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FINALISED DRAFTS UNDER PRINT

1	DOC.CHD 10(1773) / ISO 383-1976 (E)]	Laboratory glassware-Interchangeable conical ground joints
2	DOC.CHD 10(1774) / IS/ISO 384-1978 (E)	Laboratory glassware- Principles of design and construction of volumetric glassware
3	DOC.CHD 10(1776) / IS/ISO 648-1977 (E)	Laboratory glassware- One mark pipettes (C1)
4	DOC.CHD 10(1782) / IS/ISO 4793-1980 (E)	Laboratory sintered (fritted)filters- Porosity grading, classification and designation
5	DOC.CHD 10(1783) / IS/ISO 4794-1982 (E)	Laboratory glassware- Methods for assessing the chemical resistance of enamels used for colour coating and colour marking
6	DOC.chD 10(1847) / ISO 4142	Laboratory glassware - Test tubes
7	DOC.CHD 10(1967) / ISO 13130	Laboratory Glassware- Dessicators (first revision of 6128)
8	DOC.CHD 10(1968) / ISO 13132	Laboratory Glassware - Petri Dishes (second revision of IS 2626)

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.CHD 10(2041) / ISO 6556:2012	Laboratory glassware - filter flask - Specification (first revision of IS 1590)
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DRAFT STANDARDS FORMULATED

1	DOC.CHD 10(2097)	Draft for Glass Door
2	DOC.CHD 10(2098)	Draft for Glass Wall

** INDICATES STANDARDS UNDER REVISION
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CHD 13 Water Quality for Industrial Purposes

SCOPE - To formulate Indian Standards on terminology, specifications, method of tests, code of practice and guidelines for:

- a. Quality criteria of water for different industries.
- b. Treatment of industrial water based on various end uses,
- c) Issues related to industrial water chemistry such as scaling, fouling, corrosion and its remedial measures.

SI. No.	IS Number/ Reaffirm No. of	DOC Number	Title	Date	
STANDARDS PUBLISHED					
1	IS 201:1992		Quality tolerances for water for textile industry (second revision)	Feb 2013	2
2	* IS 1069:1993		Quality Tolerances for Water for Storage Batteries - Specification (second revision)	Feb 2013	
3	IS 1070:1992		Reagent grade water (third revision)	Feb 2013	
4	IS 1680:1982		Code of practice for treatment of water for low and medium pressure land boilers (third revision)	Feb 2013	1
5	IS 1813:1961		Code of practice for treatment of water for marine boilers	Feb 2013	1
6	* IS 2724:1964		Quality tolerances for water for pulp and paper	Jan 2012	2
7	IS 2725:1964		Quality tolerances for water for rayon-manufacturing industry	Jan 2012	1
8	IS 2859:1977		Code of practice for treatment of water for locomotive boilers (first revision)	Feb 2013	
9	IS 3328:1993		Quality tolerances for water for swimming pools (first revision)	Feb 2013	1
10	IS 4221:1967		Quality tolerances for water for tanning industry	Jan 2012	
11	IS 4343:1983		Code of practice for treatment of water for high pressure boilers (first revision)	Feb 2013	
12	IS 4700:1968		Quality tolerances for water for fermentation industry	Jan 2012	1
13	IS 7932:1982		Specification for Boiler water treatment compounds (first revision)	Feb 2013	1
14	IS 8188:1999		Treatment of water for cooling towers - Code of practice (first revision)	Jan 2010	1
15	IS 8914:1988		Quality tolerances for water for vitreous enamel industry (first revision)	Jan 2012	
16	** IS 10391:1982		Code of practice for chemical cleaning of boilers	Jan 2012	1
17	** IS 10392:1982		Specification for feed water and boiler water for low and medium pressure boilers	Jan 2012	1
18	** IS 10496:1983		Specification for feed water, boiler water and condensate for high pressure boilers	Jan 2012	1
* INDICATES STANDARDS UNDER REVISION / INDICATES DUAL NUMBER STANDARDS			** INDICATES STANDARDS TO BE REVISED / INDICATES EQUIVALENT STANDARDS		
19	IS 11671:1985		Glossary of terms relating to boiler water	Feb 2013	

20	IS 11970:1987	Guide for condensate polishing (power plant)	Feb 2013	2
21	IS 12084:1987	Specification for morpholine	Feb 2013	
22	IS 12085:1987	Specification for cyclohexylamine for boiler water treatment	Feb 2013	1
23	IS 12086:1987	Specification for hydrazine hydrate	Feb 2013	1
24	IS 12479:1988	Methods for analysis of solvent systems used for removal of water formed deposits	Feb 2013	
25	IS 12742:1989	Guide for defluoridation of water for drinking purposes	Feb 2013	
26	IS 12918:1990	Guide for removal of iron from water for rural water supply - chemical process	Jan 2012	
27	IS 13119:1991	Ammonium bifluoride	Feb 2013	
28	IS 13268:1992	Demineralization plant - Guidelines	Feb 2013	
29	IS 13624:1993	Methods of sampling and analysis of water formed deposits - Guidelines	Feb 2013	
30	IS 13643:1993	Tests for corrosivity of solvent used for removal of water formed deposits in plant equipment	Feb 2013	
31	IS 13891:1994	Quality tolerances for fresh water for fish culture	Feb 2013	
32	IS 14199:1995	Steam purity - Methods of sampling	Jan 2012	
33	IS 15573:2005	Polyaluminium Chloride	Jan 2012	1

FINALISED DRAFTS UNDER PRINT

1 DOC.CHD 13(1767) Amendment no. 2 to IS 15573

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1 DOC.CHD 13(1762) Quality Tolerances for Water for Storage Batteries – Specification (Third Revision of IS 1069)

2 DOC.CHD 13(1764) Quality Tolerances for Water for Pulp and Paper Industry (first revision of IS 2724)

3 DOC.CHD 13(1930) Amendment No. 2 to IS 12085

4 DOC.CHD 13(1929) Amendment No. 1 to IS 12084

5 DOC.CHD 13(1931) Amendment no. 2 to IS 12086

6 DOC.CHD 13(2133) Polyaluminium Chloride (first revision of IS 15573)

** INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS*

*** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS*

CHD 14 PRINTING INKS, STATIONERY AND ALLIED PRODUCTS

SCOPE - To formulate Indian Standards for terminology, codes of practice and guidelines, method of sampling and test and specifications for:
a) Inks (excluding their raw-materials) used for printing & writing; and
b) stationery items such as pens, pencils, refills, correcting fluids, chalks and crayons, artist's colours, carbon and other copying papers, stencil papers and other inked ribbon.

Sl. No.	IS Number/ Reaffirm No. of	DOC Number	Title	Date	
STANDARDS PUBLISHED					
1	IS 220:1988		Fountain pen ink ferro-gallo tannate 0.1 percent iron content -Specification(third revision)	May 2010	2
2	IS 393:1985		Ink, stamp-pad (third revision)	May 2010	2
3	IS 394:1985		Specification for Ink, cloth marking (second revision)	May 2010	
4	IS 788:1971		Specification for Ink, drawing, waterproof, coloured (first revision)	May 2010	
5	IS 789:1971		Ink, drawing, waterproof, black (first revision)	May 2010	1
6	IS 1221:1991		Fountain pen inks dye based -Specification (second revision)	May 2010	
7	IS 1222:1992		Ink, duplicating, for twin cylinder rotary machines (third revision)	May 2010	1
8	IS 1234:1980		Specification for Ink, stencil, oil base, for marking porous surfaces (first revision)	May 2010	1
9	IS 1333:1978		Ink, duplicating, for single drum rotary machine (second revision)	May 2010	1
10	IS 1375:1981		Specification for Black lead pencil (first revision)	May 2010	1
11	IS 1379:1985		Specification for ink marking for non-porous surfaces (with or without stencil plates) (first revision)	May 2010	
12	IS 1380:1980		Ink, finger printing, black (first revision)	May 2010	
13	IS 1440:1980		Ink, metal stamp, black (first revision)	May 2010	
14	IS 1551:1991		Carbon papers for typewriter (second revision)	May 2010	
15	IS 2079:1982		Graphite for pencil slips (first revision)	May 2010	
16	IS 2105:1994		Letter press ink, black, for general purposes-Specification (second revision)	Mar 2012	
17	IS 2694:1963		School chalks, moulded, white	May 2010	2
18	IS 3450:1994		Carbon papers, handwriting (second revision)	Mar 2012	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

19	IS 3705:1980	Specification for Ball point pens (first revision)	May 2010	
20	IS 3707:1984	Refill, ball point pen (second revision)	May 2010	
21	IS 4174:1977	Specification for Typewriter ribbons, cotton (first revision)	May 2010	3
22	IS 4175:1981	Correcting fluid (first revision)	May 2010	
23	IS 4222:1967	Coloured chalks, moulded	May 2010	
24	IS 4395:1987	Glossary of terms relating to inks and allied industries (first revision)	May 2010	
25	IS 4747:1986	Pads for rubber stamps (second revision)	May 2010	
26	IS 5046:1994	Letter press ink, black, book printing (second revision)	Mar 2012	
27	IS 5086:1993	Stencil paper (second revision)	May 2010	1
28	IS 5805:1993	Ink for ball point pen refill -Specification(first revision)	Mar 2012	
29	IS 6830:1994	Offset ink, black, general black - specification (first revision)	Feb 2013	1
30	IS 6931:1972	Methods of test for printing inks	Feb 2013	
31	IS 7771:2004	Letter press halftone ink, black -Specification(first revision)	May 2010	
32	IS 8075:1976	Back coated carbon papers for typewriter	May 2010	
33	** IS 8100:1976	Water colours for students	Feb 2013	1
34	** IS 8101:1976	Poster colours	Feb 2013	1
35	IS 8277:1976	Water based recorder inks	May 2010	
36	IS 8642:1977	Dyes for water based writing inks	May 2010	1
37	IS 8643:1977	Dye, methyl violet, for stamp-pad ink	May 2010	
38	IS 8744:1978	Rotary letterpress newsprint ink, black	May 2010	
39	IS 9055:1979	One time carbon paper	May 2010	1
40	IS 10559:1983	Jotter ball point pens	Mar 2012	
41	IS 10560:1983	Jotter ball pen refills	May 2010	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

42	IS 10584(Part 2):1983	Specification for Glass marking pencils: Part 2 With spiral paper-form casing	May 2010
43	IS 11259:1985	Specification for Ink numbering	May 2010
44	IS 11503:1985	Specification for Slates writing school	May 2010
45	IS 11992:1986	Correction fluid for concealing typed errors	May 2010
46	IS 13206:1991	Gallic acid for ink industry	May 2010
47	IS 13208:1991	Tannic acid for ink industry	May 2010
48	IS 13209:1991	Indelible ink	May 2010 1
49	IS 13299:1992	Balls for ball point pen reffils -Specification	May 2010
50	IS 13347:1992	Clutch pencils	May 2010
51	** IS 14163:1995	Web offset ink, black - Specification	Feb 2013 1
52	IS 15495:2004	Printing Ink for Food Packaging - Code of Practice	May 2010
53	IS 15520:2004 / ISO 12040	Graphic technology - Paints and printing inks - Assessment of light fastness using filtered xenon arc light	May 2010
54	IS 15521:2004 / ISO 12634	Graphic technology - Determination of tack of paste inks and vehicles by a rotary tackmeter	May 2010
55	IS 15522:2004 / ISO 12644	Graphic technology - Determination of Rheological properties of paste inks and vehicles by the falling rod viscometer	May 2010
56	IS 15864:2009	Multicolour process offset printing inks - Specification	Feb 2014

* **INDICATES STANDARDS UNDER REVISION**
/ **INDICATES DUAL NUMBER STANDARDS**

** **INDICATES STANDARDS TO BE REVISED**
/ **INDICATES EQUIVALENT STANDARDS**

CHD 15 PAPER AND ITS PRODUCTS

SCOPE - a) To formulate Indian Standards for

- i) Terminology, methods of sampling and test, codes of practice and specifications for pulp, paper and paper board including raw material for paper, including cotton linters;
- ii) Paper sizes and grammage, sizes of periodicals and paper stationery materials;
- iii) Terminology, Methods of sampling and test, codes of practice and specifications for Paper and Paperboard used for packaging; Paper based packaging materials (converted and treated) like cartons, trays, sacks, bags, boxes, paper based intermediate bulk containers, metalized paper and paper based aluminium foil laminates

b) To co-ordinate with the work of ISO/TC 6 Paper

SI. No. Reaffirm	IS Number/ No. of	DOC Number	Title	Date	
STANDARDS PUBLISHED					
1	IS 1060(Part 1):	1966	Methods of sampling and test for paper and allied products: Part 1(revised)	Mar 2014	5
2	IS 1060(Part 2):	1960	Methods of sampling and test for paper and allied products: Part 2	Mar 2014	
3	IS 1060(Part 3):	1969	Methods of sampling and test for paper and allied products: Part 3	Mar 2014	1
4	IS 1064:	1980	Paper sizes (second revision)	Mar 2013	1
5	IS 1397:	1990	Kraft paper (second revision)	Mar 2013	3
6	IS 1398:	1982	Packing paper, water-proof, bitumen laminated (second revision)	Mar 2014	1
7	IS 1763:	1961	Substances of paper and pulp board	Mar 2013	2
8	IS 1774:	1986	Paper for permanent and semi permanent records (first revision)	Mar 2013	4
9	IS 1775:	1981	Base paper for sensitized paper (first revision)	Mar 2014	3
10	IS 1776:	1989	Folding box board, uncoated (first revision)	Mar 2013	2
11	IS 1848:	2007	Writing and printing papers - Specification (fourth revision)	Mar 2012	
12	IS 2470(Part 1): / ISO 2470-1:	2009 2009	Paper,board and pulps- Measurement of Diffuse blue reflectance factor- Part 1: Indoor daylight conditions (ISO Brightness)		
13	IS 2470(Part 2): / ISO 2470-2:	2008 2008	Paper,board and pulps- Measurement of Diffuse blue reflectance factor- Part 2: Outdoor daylight conditions (D65 Brightness)		
14	IS 2471: / ISO 2471:	2008 2008	Paper and board - Determination of opacity(paper backing)- Diffuse reflectance method		
15	IS 2483:	1986	Ticket board (first revision)	Mar 2013	5

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

16	IS 2617:2006	Millboard, greyboard and strawboard (second	Mar 2012	
17	IS 2771(Part 1):1990	Fibreboard boxes: Part 1 Corrugated fibreboard boxes (second revision)	Mar 2013	3
18	IS 2771(Part 2):1975	Fibreboard boxes : Part 2 Solid fibreboard boxes (first revision)	Mar 2013	1
19	IS 2991:1988	Base paper for waxed paper (first revision)	Mar 2013	2
20	IS 3064:1986	Hand made drawing paper (first revision)	Sep 2010	2
21	IS 3263:1981	Waxed paper for confectionery (first revision)	Mar 2014	2
22	IS 3302:1986	Backing sheet for stencil (first revision)	Mar 2014	3
23	IS 3303:1997	Match paper for match box - Specification (second revision)	Mar 2013	
24	IS 3413:2004	Base paper for carbon paper - Specification (second revision)	Mar 2014	1
25	IS 3673:1986	Alkali resistant paper (first revision)	Sep 2010	3
26	IS 3962:1967	Waxed paper for general packaging	Mar 2014	4
27	IS 4006(Part 1):1985	Methods of test for paper and pulp based packaging materials: Part I (first revision)	Mar 2013	
28	IS 4006(Part 2):1985	Methods of test for paper and pulp based packaging materials : Part II (first revision)	Mar 2013	
29	IS 4006(Part 3):1985	Methods of test for paper and pulp based packaging materials: Part III (first revision)	Mar 2013	
30	IS 4261:2001	Glossary of terms relating to paper and pulp based packaging materials (first revision)	Mar 2012	1
31	IS 4645:1993	Code of practice for storage of paper and board (first revision)	Mar 2013	
32	IS 4658:1988	Coated paper and board (art and chromo) (first revision)	Mar 2013	4
33	IS 4661:1999	Glossary of terms used in paper trade and industry (second revision)	Sep 2010	1
34	IS 4664:1986	Pulp board (first revision)	Sep 2010	3
35	IS 5012:1987	Cellulose film (first revision)	Mar 2013	1
36	IS 5134:1977	Bitumen impregnated paper (first revision)	Mar 2014	1
37	IS 5195:1969	Paper stationery items for schools	Mar 2013	1
38	IS 5285:1998	Fibre analysis of paper and board - Method of test (first revision)	Sep 2010	3

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

39	IS 5457:1969	Sizes of folders and files	Mar 2013
40	IS 5636(Part 3):1992 / ISO 5636-3:1992	Paper and board- Determination of air permeance (Medium range)-part-3: Bendtsen method	
41	IS 6211:1993	Code of practice for packaging of paper and board (first revision)	Mar 2014
42	IS 6213(Part 1):1971	Methods of test for pulp: Part 1 Water solubility of pulp	Mar 2014
43	IS 6213(Part 2):1971	Methods of test for pulp: Part 2 Determination of freeness of pulp	Mar 2014
44	** IS 6213(Part 3):1971	Methods of test for pulp: Part 3 Determination of alpha, beta and gamma cellulose pulp	Mar 2014
45	IS 6213(Part 4):1971	Methods of test for pulp: Part 4 Determination of viscosity of pulp	Mar 2014
46	IS 6213(Part 5):1971	Methods of test for pulp: Part 5 Solubility of pulp in one percent caustic sodasolution	Mar 2014
47	IS 6213(Part 6):1971	Methods of test for pulp: Part 6 Copper number of pulp	Mar 2014
48	** IS 6213(Part 7):1971 ISO 1762:2001	Methods of test for pulp: Part 7 Ash content, in pulp	Mar 2014
49	IS 6213(Part 8):1973	Methods of test for pulp: Part 8 Beating, sheet making, preparation of hand sheets and testing	Mar 2014 1
50	IS 6213(Part 9):1973	Methods of test for pulp: Part 9 Bleach requirements and preparation of handsheets for optical tests of pulp	Mar 2014
51	IS 6213(Part 10):1975 ISO 302:2004	Methods of test for pulp: Part 10 Determination of kappa number	Mar 2014
52	IS 6213(Part 11):1975 ISO 776:1982	Methods of test for pulp: Part 11 Determination of acid insoluble ash	Mar 2014
53	IS 6213(Part 12):2013	Method of test for pulp -Part 12 Determination of calcium content (first revision)	
54	IS 6213(Part 13):2013	Method of test for pulp -Part 13 Determination of copper content (first revision)	
55	IS 6213(Part 14):2013	Method of test for pulp -Part 14 Determination of iron content (first revision)	
56	IS 6213(Part 15):2013	Method of test for pulp -Part 15 Determination of manganese content (first revision)	
57	IS 6213(Part 16):1978	Methods of test for pulp: Part 16 Dirt count	Mar 2014
58	** IS 6213(Part 17):1978 ISO 801-1:1994	Methods of test for pulp: Part 17 Determination of saleable mass of pulp	Mar 2014
59	IS 6213(Part 18):1979 ISO 3260:1982	Methods of test for pulp: Part 18 Determination of chlorine consumption (degree of delignification)	Mar 2014
60	IS 6213(Part 19):1985 ISO 692:1982	Methods of test for pulp: Part 19 Determination of alkali solubility of pulp	Mar 2014
61	IS 6213(Part 20):1984 ISO 699:1982	Methods of test for pulp: Part 20 Determination of alkali resistance of pulp	Mar 2014

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

62	IS 6213(Part 21):1984 ISO 638:1978	Methods of test for pulp: Part 21 Determination of dry matter content	Mar 2014	
63	IS 6481:1971	Guide for principal uses and styles of fibreboard containers	Mar 2013	
64	IS 6615:1972	General purpose packing/wrapping paper	Mar 2014	3
65	IS 6622:1972	Grease proof paper	Mar 2014	1
66	IS 6671:1987	Specification for germination paper (first revision)	Mar 2013	
67	IS 6715:1972	Master cartons for export of frozen sea foods and frog legs	Mar 2014	
68	IS 6956:2001	Cover paper - Specification (first revision)	Mar 2012	
69	IS 7063(Part 1):1973 ISO 3034:1975	Methods of test for corrugated fibreboard : Part 1 Thickness of board	Mar 2014	
70	IS 7063(Part 2):1976	Methods of test for corrugated fibreboard: Part 2 Edgewise crush resistance of board	Mar 2013	
71	IS 7063(Part 3):1976 ISO 3038:1975	Methods of test for corrugated fibreboard : Part 3 Water resistance of glued bond by immersion	Mar 2013	
72	IS 7063(Part 4):1976 ISO 3039:1975	Methods of test for corrugated fibreboard : Part 4 Determination of substance of the component papers after separation	Mar 2013	
73	IS 7149:1973	Fibreboard boxes for canned sea foods for export	Mar 2014	
74	IS 7151:1991	Corrugated fibreboard boxes for para-dropping of supplies (first revision)	Mar 2013	2
75	IS 7161:1973	Vegetable parchment or grease proof paper/aluminium foil laminate for wrapping butter	Mar 2014	
76	IS 7162:1973	Waxed cartons for packaging of ice cream	Mar 2014	
77	IS 7186:1973	Glossary of terms relating to paper and flexible packaging	Mar 2013	
78	IS 7601:1983	Fibreboard drums for general purposes (first revision)	Mar 2013	1
79	IS 8113:1976	Primary cartons for packaging butter	Mar 2014	
80	IS 8254(Part 1):1999 / ISO 8254-1:1999	Paper and board-Measurment of specular gloss-part1:75 gloss with a converging beam, Tappi method		
81	IS 8431:1986	Tracing paper (first revision)	Sep 2010	2
82	IS 8460:1977	Wrapping tissue paper	Sep 2010	3
83	IS 8970:1991	Aluminium foil laminates for packaging (first revision)	Mar 2014	2

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

84	IS 9028:1976	Glossary of terms relating to paper sacks	Mar 2013	
85	IS 9032:1978	Diazo sensitized paper	Sep 2010	2
86	IS 9033:1978	Reproduction tracing paper	Sep 2010	2
87	IS 9042:1978	Method of measurement and expression of the dimensions of paper sacks	Mar 2013	
88	IS 9313:1979	Corrugated fibreboard boxes for the export packaging of glass jars and bottles filled with processed foods	Mar 2014	1
89	IS 9493:1980	Cartons for non-soapy detergents	Mar 2014	1
90	IS 9588:1990	Kraft liner (first revision)	Mar 2014	2
91	IS 9894:1981	Methods of test for smoothness/ roughness of paper	Mar 2013	
92	IS 9988:1981	Waxed paper for bread and biscuits	Mar 2014	1
93	IS 10066:1981	Corrugated fibreboard boxes for packing cigarettes	Mar 2014	1
94	IS 10176:1982	Fibreboard boxes for packing soaps	Mar 2014	
95	IS 10177:1982	Ice cream cups and lids	Mar 2014	1
96	IS 10279:1982	Overall trimmed sizes of articles of stationery that include detachable sheets	Mar 2013	
97	IS 10287:1982	Holes for general filing of paper	Mar 2013	
98	ISO 838:1974 IS 10328:1982	Methods of expression of dimensions and direction of manufacture of unprocessed writing and printing paper	Mar 2013	
99	IS 10380:1982	Methods of test for printing ink permeation of paper (castor oil test)	Sep 2010	
100	IS 10405:1982	Black centered board	Mar 2014	3
101	IS 10528:1983	Method of sampling empty paper sacks for testing	Mar 2014	1
102	IS 11052:1984	Methods of test for vertical impact drop test on paper sacks	Mar 2013	
103	IS 11080:1984	Method for determination of porosity of paper	Mar 2013	
104	IS 11087:1986	Paper for magnetic ink character recognition cheque printing (first revision)	Mar 2013	4
105	IS 11091:1984	Method of test for degree of curl of paper and degree of sizing	Mar 2013	
106	IS 11227:1985	Gelatin for sizing of paper	Sep 2010	2

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

107	IS 11324:1985	Multi-ply paper sacks for carbon black	Mar 2013	2
108	IS 11357:1985	Composite containers for dry products	Mar 2014	2
109	IS 11476:2000 / ISO 11476:2000	Paper and Board-Determinaton of CIE whiteness, C/2 o (Indoor illumination conditions)		
110	IS 11687:1986	Base paper for tracing paper	Sep 2010	2
111	IS 11688:1999	Newsprint - Specification (first revision)	Sep 2010	2
112	IS 11761:1997	Multi-wall paper sacks for cement - Specification (first revision)	Mar 2013	
113	IS 11844:1987	Corrugated fibreboard boxes for transport packaging of apples	Mar 2014	1
114	IS 12212:1987	Corrugated fibreboard boxes for transport packaging of butter packed in primarycartons	Mar 2014	1
115	IS 12490:1988	Glassine paper	Mar 2014	1
116	IS 12715:1989	Polyvinyl alcohol for sizing of paper	Mar 2014	1
117	IS 12765:1989	Map printing paper	Mar 2013	5
118	IS 12766:1997	Paper, computer - Specification (first revision)	Mar 2013	3
119	IS 12780:1989	Commercial stationary forms/books	Mar 2013	1
120	IS 12808:1989	Base paper for one time carbon paper	Mar 2013	2
121	IS 12810:1989	Shorthand note books	Mar 2013	
122	IS 12999:1990	Folding box board, coated	Mar 2013	2
123	IS 13012:1990	Sack kraft paper and extensible sack kraft paper	Mar 2014	
124	IS 13228:2006	Corrugated fibreboard boxes for packing and transportation (first revision)	Mar 2012	
125	IS 13892:1999	Correspondence envelopes - Specification (first revision)	Sep 2010	2
126	IS 13975:1994	Axial (end to end) compression strength of composite cans, tubes and cores - Method of test	Mar 2013	
127	IS 13976:1994	Method of end blow-off pressure test for composite cans	Mar 2013	
128	IS 14319:1995	Laminated paper board pack for vanaspati - Specification	Mar 2014	
129	IS 14490:1997	Plain copier paper - Specification	Sep 2010	5

*** INDICATES STANDARDS UNDER REVISION**
/ INDICATES DUAL NUMBER STANDARDS

**** INDICATES STANDARDS TO BE REVISED**
/ INDICATES EQUIVALENT STANDARDS

130	IS 14619:1998	Release base paper - Specification	Mar 2013
131	IS 14661:1999	Toilet paper - Specification	Sep 2010 1
132	IS 14915:2001	Filter paper - Qualitative, hand made - Specification	Mar 2012
133	IS 15307:2003	Post Card-Specification	Mar 2014
134	IS 15576:2005	Multiwall paper sacks for tea for export	Sep 2010

FINALISED DRAFTS UNDER PRINT

1	DOC.CHD 15(1787)	Specification for ticket board (second revision of IS 2483)
2	DOC.CHD 15(1788)	Specification for Coated paper and board (Art and Chromo) (Second Revision of IS 4658)
3	DOC.CHD 15(1821)	Specification for general purpose packing/wrapping paper (first revision of IS 6615)
4	DOC.CHD 15(1857)	Specification for Paper Stationery Items for schools(First revision of IS 5195)
5	DOC.CHD 15(1981) / ISO 186:2002	Paper and board - Sampling to determine average quality'
6	DOC.CHD 15(1982) / ISO 11480:1997	Pulp, paper and board -- Determination of total chlorine and organically bound chlorine'
7	DOC.CHD 15(1983) / ISO 11475:2004	Paper and board - Determination of CIE whiteness, D65/10° (outdoor daylight)'
8	DOC.CHD 15(1984) / ISO 5269-1:2005	Pulps -- Preparation of laboratory sheets for physical testing -- Part 1: Conventional sheet-former method'
9	DOC.CHD 15(1985) / ISO 5269-2:2004	'Pulps -- Preparation of laboratory sheets for physical testing -- Part 2: Rapid-Köthen method
10	DOC.CHD 15(1986) / ISO 534:2011	Paper and board - Determination of thickness, density and specific volume
11	DOC.CHD 15(1987) / ISO 535:1991	Paper and board - Determination of water absorptiveness -- Cobb method
12	DOC.CHD 15(1988) / ISO 187:1990	Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples'
13	DOC.CHD 15(1989) / ISO 287:2009	Paper and board - Determination of moisture -- Oven-drying method'
14	DOC.CHD 15(1990) / ISO 536:2012	'Paper and board - Determination of grammage
15	DOC.CHD 15(1991) / ISO 1924-2:2008	Paper and board- Determination of tensile properties -- Part 2: Constant rate of elongation method (20 mm/min)'
16	DOC.CHD 15(1992) / ISO 11476:2010	'Paper and board - Determination of CIE-whiteness, C/2 degree (indoor illumination conditions)'

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

17	DOC.CHD 15(1993) / ISO 12830:2011	Paper, board and pulps- Determination of acid-soluble magnesium, calcium, manganese, iron, copper, sodium and potassium
18	DOC.CHD 15(1994) / ISO 2469:2007	Paper, board and pulps Measurement of diffuse radiance factor
19	DOC.CHD 15(1995) / ISO 2493-2:2011	Paper and board - Determination of bending resistance - Part 2: Taber type tester'
20	DOC.CHD 15(1996) / ISO 2758:2001	Paper-'Paper -- Determination of bursting strength'
21	DOC.CHD 15(1997) / ISO 2759:2001	Board --Determination of bursting strength
22	DOC.CHD 15(1998) / ISO 5626:1993	Paper -- Determination of folding endurance
23	DOC.CHD 15(1999) / ISO 6588-2:2005	Paper, board and pulps - Determination of pH of aqueous extracts Part 2: Hot extraction
24	DOC.CHD 15(2000) / ISO 8787:1986	Paper and board - Determination of capillary rise -- Klemm method'
25	DOC.CHD 15(2001) / ISO 9197:2006	Paper, board and pulps - Determination of water soluble chlorides'
26	DOC.CHD 15(2002) / ISO 9198:2001	Paper, board and pulps - Determination of water soluble sulphates
27	DOC.CHD 15(2004) / ISO 8791-4:2007	Paper and board - Determination of roughness/smoothness(air leak methods) -Part 4: Print-surf method
28	DOC.CHD 15(2005) / ISO 5627:1995)	'Paper and board - Determination of smoothness (Bekk method)
29	DOC.CHD 15(2006) / ISO 302:2004	Methods of test for pulp:Part 10 -Determination of kappa number(first revision of IS 6213 (Part 10)
30	DOC.CHD 15(2007) / ISO 1762:2001	Paper, board and pulps: Part 7 -Determination of residue (ash) on ignition at 525deg. C (first revision of IS 6213 Part 8)
31	DOC.CHD 15(2008) / ISO 1974:2012	'Paper - Determination of tearing resistance (Elmendorf method)
32	DOC.CHD 15(2009) / ISO 3034:2011	Corrugated fibreboard - Determination of single sheet thickness (first revision of IS 7063 (Part 1)
33	DOC.CHD 15(2010) / ISO 3783:2006)	Paper and board - Determination of resistance to picking - Accelerated speed method using the IGT - type tester (electric model)
34	DOC.CHD 15(2011) / ISO 5627:1995)	'Paper and board - Determination of smoothness (Bekk method)

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.CHD 15(2003) / ISO 8791-2:1990	Paper and board- Determination of roughness/smoothness(air leak methods) - Part 2: Bendtsen method'
2	DOC.CHD 15(2064) / ISO 2144:1997	Draft Indian Standard Specification `IS 1060 (Part 4/Sec 3) Part 4 Method of Test for paper, board and pulps Sec 3 Determination of residue (ash)on ignition ata 900oC

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

- | | | |
|---|---------------------------------------|--|
| 3 | DOC.CHD 15(2065)
/ ISO 5636-1:1984 | Draft Indian Standard Specification `IS 1060 (Part 5/Sec 11) Part 5 Method of Test for paper and board Sec 11 Determination of air permeance (Medium range) General Method |
| 4 | DOC.CHD 15(2066)
/ ISO 5636-4:1984 | Draft Indian Standard Specification `IS 1060 (Part 5/Sec 13) Part 5 Method of Test for paper and board Sec 13 Determination of air permeance (Medium range)- Sheffield method |

DRAFT STANDARDS FORMULATED

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|---|------------------|--|
| 1 | DOC.CHD 15(2057) | Specification for Duplex Board/carboard duplex board |
| 2 | DOC.CHD 15(2058) | Specification for Folding Box Board |
| 3 | DOC.CHD 15(2059) | Specification for SBS Board |

** INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS*

*** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS*

CHD 17 LEATHER, TANNING MATERIALS AND ALLIED PRODUCTS

SCOPE - To formulate Indian Standards for terminology, methods of sampling and test, codes of practice, and specifications for leather, leather products (excluding leather footwear, transmission beltings, textile items, sports goods and gaskets), tanning materials and allied products, leather machinery, tools and equipments for leather and leather goods industry (other than shoe makers hand tools and equipment) and physical assessment and grading of hides and skins.

b) To coordinate with the work of ISO/TC 120 Leather, ISO/TC/120/SC1 Raw hides and skins including pickled pelts, ISO/TC 120/ SC2 Tanned leather, ISO/TC120/SC3 Leather products .

Sl. No.	IS Number/ DOC Number	Title	Date	
Reaffirm	No. of			
STANDARDS PUBLISHED				
1	IS 575:1956	Chrome Belt Lace Leather	Mar 2012	
2	IS 576:1989	Leather - Glazed kid for shoe uppers (second revision)	Mar 2012	1
3	IS 577:1986	Specification for Upholstery leather (first revision)	Mar 2014	
4	IS 578:1985	Specification for Full-chrome upper leather (third revision)	Mar 2014	2
5	* IS 579:1996	Vegetable tanned sole leather - Specification (third revision)	Apr 2012	
6	IS 580:1973	Specification for Harness leather (second revision)	Mar 2014	2
7	IS 581:1976	Specification for Vegetable tanned hydraulic leather (second revision)	Mar 2014	
8	IS 582:1970	Methods of Chemical testing of leather (first revision)	Mar 2014	1
9	IS 622:1956	Specification for Russet leather	Mar 2012	
10	** IS 1015:2000	Leather pump buckets and seat valves made from vegetable tanned leather - Specification (second revision)	Mar 2014	1
11	IS 1017:1983	Specification for Chamois leather (second revision)	Mar 2014	1
12	IS 1273:1989	Leather pump buckets made from chrome tanned leather - Specification (first revision)	Mar 2012	1
13	IS 1637:1971	Specification for Cycle saddle leather (first revision)	Mar 2012	
14	IS 1639:1960	Specification for East India tanned kips and skins	Mar 2014	1
15	IS 1640:2007	Glossary of terms relating to hides, skins and leather (first revision)	Apr 2012	
16	IS 2573:1986	Specification for Leather gauntlets and mittens (second revision)	Mar 2014	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

17	IS 2716:2013	Myrobalan extract - Specification (Second revision)		
18	IS 2954:1978	Specification for Vegetable tanned leather for belting (first revision)	Mar 2012	
19	IS 2960:1964	Specification for Bookbinding leather	Mar 2012	2
20	IS 2961:1973	Specification for Chrome retan finished upper leather (first revision)	Mar 2014	1
21	IS 3020:1976	Specification for Leather for oil seals (first revision)	Mar 2014	1
22	IS 3031:1964	Specification for Leather cash bags	Mar 2014	
23	* IS 3840:1996	Lining leather- Specification (second revision)	Jan 2002	1
24	IS 3946:1966	Specification for Leather for leg guard	Mar 2014	
25	IS 3967:2013	Cutch - Specification (Second revision)		
26	IS 3968:2013	Wattle bark - Specification (First revision)		
27	IS 3969:2013	Specification for GORAN bark (second revision)		
28	IS 3982:1997	Sheepskin leather for orthopaedic linings - Specification (first revision)	Mar 2014	
29	IS 3983:1966	Specification for Goatskin parchment for orthopaedic purposes	Oct 2010	
30	IS 3985:1983	Specification for Leather for rugby ball (first revision)	Mar 2012	1
31	* IS 3999:1966	Specification for Casein based aqueous pigment and finishes	Feb 2005	
32	IS 4054:1966	Specification for Neatsfoot Oil	Apr 2010	1
33	IS 4056:1966	Specification for Fish Oil for Leather Industry	Apr 2010	
34	IS 4102:1983	Specification for Leather for shuttlecock caps (first revision)	Mar 2014	
35	IS 4191:1967	Specification for Leather for volleyball	Mar 2014	1
36	IS 4207:1967	Specification for Leather for football	Mar 2014	1
37	IS 4553:1983	Specification for Leather for cricket ball (first revision)	Mar 2012	1
38	IS 5024:1968	Specification for Buffalo-butt leather for knee bushings	Mar 2014	
39	IS 5034:1987	Specification for Chromed goat skin in wet-blue conditions (first revision)	Mar 2014	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

40	IS 5127:2013	BABUL bark - Specification (First revision)		
41	IS 5128:2013	Specification for AVARAM bark (first revision)		
42	IS 5465:2013	Specification for SONALI bark (first revision)		
43	IS 5466:2013	Methods of test for Vegetable tanning materials, (first revision)		
44	IS 5570:1987	Specification for Pickled Goat skins (first revision)	Mar 2014	
45	IS 5597:1970	Specification for Leather for boxing gloves	Mar 2014	
46	IS 5609:1983	Specification for Leather for hockey ball (first revision)	Mar 2012	
47	IS 5677:1986	Specification for Shoe upper leather for direct moulding processes (first revision)	Mar 2014	1
48	IS 5712:1970	Specification for Slickers for leather industry	Mar 2014	
49	IS 5866:1979	Specification for Chrome leather for high altitude gloves (first revision)	Mar 2014	1
50	IS 5867:1970	Specification for Leather boards for insoles	Mar 2014	1
51	IS 5868:1983	Method of sampling for Leather (first revision)	Mar 2014	
52	IS 5914:1970	Methods of physical testing of leather	Mar 2014	1
53	IS 6153:1971	Specification for Protective leather clothing	Mar 2014	1
54	IS 6191:1971	Methods of microbiological colour fastness and microscopical tests for leather	Mar 2014	1
55	IS 6199:2013	Specification of Wattle extract (first revision)		
56	IS 6301:2013	Specification for Basic Chromium Sulphate (For Tanning) (first revision)		
57	IS 6351:1971	Specification for Unhairing and scudding knife for leather industry	Mar 2014	
58	IS 6357:2013	Sulphated oil for Leather Fatliquoring - Specification (First revision)		
59	IS 6369:1971	Specification for Fleshing knife for leather industry	Mar 2014	
60	IS 6657:2013	Specification for Sal Bark (first revision)		
61	IS 6658:2013	Specification for Cashew Testa (first revision)		
62	IS 7656:1975	Code of practice for curing and preservation of cattle hides and goat and sheep skins by wet salting method	Mar 2014	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

63	IS 7721:1986	Specification for Chrome tanned leather laces for heavy duty footwear (first revision)	Mar 2014
64	* IS 7742:1975	Specification for Synthetic emulsion resin binders	Feb 2003
65	IS 7954:1976	Specification for Suitcases	Mar 2014
66	IS 8087:1976	Specification for Briefcases	Mar 2014
67	IS 8121:1987	Specification for Chromed buff calf skin in wet-blue condition (first revision)	Mar 2014
68	IS 8155:1976	Specification for Portfolios	Mar 2014
69	IS 8170:1981	Guidelines for identification of finished leather for export (third revision)	Mar 2014
70	IS 8517:1977	Specification for Bag, air travel	Mar 2014
71	IS 8518:1977	Specification for Suitcase air travel	Mar 2014
72	IS 8601:2013	Myrobalan nuts (whole and crushed) for tanning industry - Specification (First revision)	
73	IS 8863(Part 1):1978	Specification for Leather sealing cups: Part 1 `U' cups	Mar 2012
74	IS 9004:2013	TAMARIND seed testa - Specification (First revision)	
75	IS 9155:1979	Leather for gas meter diaphragms	Mar 2014 1
76	IS 9159:1979	Guidelines for grading of raw hides and skins	Mar 2014
77	IS 9160:1979	Guidelines for trimming of Indian cattle hides	Mar 2014
78	IS 9161:1979	Guidelines for selection of finished zuggrain leather for boot and shoe uppers	Mar 2014
79	IS 9426:1980	Guidelines for procurement of hides and skins	Mar 2014
80	IS 9662(Part 1):1980	Code of practice for construction and assembly of leather sealing cups: Part 1 `U' cups	Mar 2014
81	IS 9663:1980	Code of practice for flaying of hides and skins	Mar 2014
82	IS 9664:1980	Specification for Diameters of sealing areas for use of leather cups	Mar 2014
83	IS 10285:1982	Guide for tannin bearing plants	Mar 2014
84	IS 10286:2013	Bleaching syntan - Specification (third revision)	
85	IS 10845:1984	Specification for Bag, pilot	Mar 2014

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

86	IS 11230:1985	Specification for Leather for utility glove	Mar 2014
87	IS 11749:1986	Specification for Manually operated toggle clips for leather industry	Mar 2014
88	IS 11944:1987	Specification for Wallet, leather	Mar 2014
89	IS 11987:2013	Wax-emulsion for leather finishing - Specification (First revision)	
90	IS 12435:1988	Guidelines for grading of hides and skins on the basis of mass and size	Oct 2010
91	IS 12607:1989	Measurement of hides and skins in the wet blue condition - Guidelines	Mar 2014
92	IS 12623:1989	Leather - Chrome tanned cattle hides in wet-blue conditions - Specification	Mar 2014
93	IS 12659:1989	Leather - Measurement of thickness of surface coating on leather - Method of Test	Mar 2014
94	IS 12671:1989	Hides and skins, fresh or cured - Glossary of defects	Mar 2014 1
95	IS 12718:1989	Leather for garments - performance requirements	Mar 2014
96	IS 13022:1991	Enzyme bates (alkaline) - Specification	Mar 2014
97	IS 13023:1991	Enzyme bates (acidic) - Specification	Mar 2014
98	IS 13024:2013	Syantn for prevention of sludge formation in vegetable tan liquors - Specification (first revision)	
99	IS 13271:2013	Syantn - Method of Test (first revision)	
100	IS 13307:1992	Resin finished shoe uppers from goat and sheep skins - Specification	Mar 2014
101	IS 13527:2013	Replacement syntans - Specification (first revision)	
102	IS 13528:2013	Pretanning syntans - Specification (first revision)	
103	IS 13606:2013	Synthetic sulphochlorinated fatliquors for leather processing - Specification (first revision)	
104	IS 13625:2013	Retanning syntans including acrylic and related syntans - Specification (first revision)	
105	* IS 14360:1996	Semichrome suede upper leather - Specification	Jan 2002
106	IS 14361:2011	Patent leather - Specification	
107	IS 14487:1997	Measurement of area of Leather - Guideline	Mar 2014
108	IS 14488:2013	Sulphited fat liquors for leather-Specification (first revision)	

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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109	IS 14575:1999	Determination of pentachlorophenol (PCP) in leather - Method of test	Oct 2010
110	IS 14583:1998	Suede lining leather - Specification	Oct 2010
111	IS 14816:2000	Leather - Method of test for Eco criteria	Oct 2010
112	IS 14898:2001	Eco criteria for finished leather - Specification	Oct 2010
113	IS 14969:2001	Leather - Upper leather made from splits - Method of identification	Mar 2012
114	IS 14970:2001	Leather - Lastometer Grain Crack test - Method of test	Mar 2012
115	IS 15776:2008	Polyurethane (PU) Coated Leather - Specification	
116	IS 15779:2007	Metal Complex Syntans - Specification	Apr 2012
117	IS 2822(Part 1):1998 / ISO 2822-1:1998	Raw cattle hides and calf skins - Part 1: Descriptions of defects	
118	IS 4683(Part 1):1998 / ISO 4683-1:1998	Raw sheep skins Part 1: Descriptions of defects	
119	IS 4683(Part 2):1999 / ISO 4683-2:1999	Raw Seep Skins Part 2: Designation and presentation	
120	IS 5432:1999 / ISO 5432:1999	Leather - Wet blue sheep skins - Specification	
121	IS 7482(Part 1):1998 / ISO 7482-1 :1998	Raw goat skins - Part 1: Description of defects	
122	IS 7482(Part 3):2005 / ISO 7482-3:2005	Raw goat skins - Part 3: Guidelines for grading on the basis of defects	

FINALISED DRAFTS UNDER PRINT

1	DOC.CHD 17(1598)	Lining Leather - Specification (third revision of IS 3840)	
2	DOC.CHD 17(1600)	Semichrome Suede Upper Leather - Specification (first revision of IS 14360)	
3	DOC.CHD 17(1737) / ISO 4048	Leather - Chemical Tests - Determination of Matter Soluble in Dichloromethane and Free Fatty Acid Content	
4	DOC.CHD 17(1729) / IS/ISO 5398-1	Leather - Chemical determination of chromic oxide content - Part 1 : Quantification by titration	
5	DOC.CHD 17(1741) / ISO 17226-1	Leather - Chemical Determination of Formaldehyde Content - Part 1: Method Using High Performance Liquid Chromatography	
6	DOC.CHD 17(1742) / ISO 17226-2	Leather - Chemical Determination of Formaldehyde Content - Part 2: Method Using Colorimetric Analysis	

* INDICATES STANDARDS UNDER REVISION

/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED

/ INDICATES EQUIVALENT STANDARDS

7	DOC.CHD 17(1739) / ISO 5398-2	Leather - Chemical Determination of Chromic Oxide Content - Part 2: Quantification by Colorimetric Determination
8	DOC.CHD 17(1620)	Specification for Myrobalan Nuts (whole and Crushed) for Tanning Industry (first revision of IS 8601)
9	DOC.CHD 17(1639)	Casein based aqueous pigment and finishes (first revision of IS 3999).
10	DOC.CHD 17(1730) / ISO 5398-3	Leather - Chemical Determination of Chromic Oxide Content = Part 3: Quantification By Atomic Absorption Spectrometry
11	DOC.CHD 17(1731) / ISO 5398-4	Leather - Chemical Determination of Chromic Oxide Content - Part 4: Quantification By Inductively Coupled Plasma - Optical Emission Spectrometer (ICP-OES)
12	DOC.CHD 17(1732) / ISO 17232	Leather - Physical and Mechanical Tests - Determination of Heat Resistance of Patent Leather
13	DOC.CHD 17(1733) / ISO 22288	Leather - Physical and Mechanical Tests - Determination of Flex Resistance by the Vamp Flex Method
14	DOC.CHD 17(1735) / ISO 23910	Leather - Physical and Mechanical Tests - Measurement of Stitch Tear Resistance
15	DOC.CHD 17(1736) / ISO 4044	Leather - Chemical Tests - Preparation of Chemical Test Samples
16	DOC.CHD 17(1738) / ISO 4045	Leather - Chemical Tests - Determination of Ph
17	DOC.CHD 17(1740) / ISO 17075	Leather- Chemical Tests - Determination of Chromium (VI) Content

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.CHD 17(1825)	Vegetable Tanned Sole Leather - Specification (Fourth Revision of IS 579)
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DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 17(1604) / ISO 2820:1974	Leather - Raw hides of cattle and horses - Method of trim
2	DOC.CHD 17(1605) / ISO 2821:1974	Leather - Raw hides of cattle and horses - Preservation by stack salting
3	DOC.CHD 17(2104)	Determination of volatile matter (Adoption of ISO 4684)
4	DOC.CHD 17(2105)	Determination of water soluble matter, water soluble inorganic matter and water soluble organic matter (Adoption of ISO 4098)
5	DOC.CHD 17(2106)	Draft Indian Standard Determination of sulphated total ash and sulphated water insoluble ash (Adoption of ISO 4047)
6	DOC.CHD 17(2107)	Draft Indian Standard Colour fastness to water spotting (Adoption of ISO 15700)
7	DOC.CHD 17(2108)	Colour fastness to water (Adoption of ISO 11642)
8	DOC.CHD 17(2109)	Colour fastness to mild washing (Adoption of ISO 15703)

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

9	DOC.CHD 17(2110)	Colour fastness to perspiration (Adoption of ISO 11641)	00 19
10	DOC.CHD 17(2111)	Colour fastness of small samples to solvents (Adoption of ISO 11643)	
11	DOC.CHD 17(2112)	Colour fastness to machine washing (Adoption of ISO 15702)	
12	DOC.CHD 17(2113)	Colour fastness to cycles of to and fro rubbing (Adoption of ISO 11640)	
13	DOC.CHD 17(2114)	Colour fastness to crocking (Adoption of ISO 20433)	
14	DOC.CHD 17(2115)	Leather – Test for adhesion of finish (Adoption of ISO 11644)	
15	DOC.CHD 17(2116)	Measurement of surface coating thickness (Adoption of ISO17186)	
16	DOC.CHD 17(2117)	Measurement of water vapour absorption (Adoption of ISO17229)	
17	DOC.CHD 17(2118)	Measurement of abrasion resistance Part 1 Taber method (Adoption of ISO 17076-1)	
18	DOC.CHD 17(2119)	Measurement of abrasion resistance Part 2 Matrindale ball plate method (Adoption of ISO 17076-2)	
19	DOC.CHD 17(2120)	Physical and mechanical test methods for the determination of soiling Part 1 Rubbing (Adoption of ISO 26082-1)	
20	DOC.CHD 17(2121)	Physical and mechanical test methods for the determination of soiling Part 2 Tumbling (Adoption of ISO 26082-2)	
21	DOC.CHD 17(1615) / ISO 14931:2004	Leather - Guide to the selection of leather for apparel (excluding furs)	
22	DOC.CHD 17(1612) / ISO 5431:1999	Leather - Wet blue goat skins - Specification	
23	DOC.CHD 17(1610) / ISO 7482-2:1999	Raw goat skins - Part 2 Guidelines for grading on the	
24	DOC.CHD 17(1614) / ISO 5433:1999	Leather - Bovine Wet blue - Specification	
25	DOC.CHD 17(1734) / ISO 26082	Leather - Physical and Mechanical Tests - Determination of Soiling With Rubbing for Automotive Leather	

* **INDICATES STANDARDS UNDER REVISION**
/ **INDICATES DUAL NUMBER STANDARDS**

** **INDICATES STANDARDS TO BE REVISED**
/ **INDICATES EQUIVALENT STANDARDS**

CHD 19 FOOTWEAR

SCOPE - To formulate Indian Standard for terminology, sizes and fittings, method of sampling and test, code of practice and specification for footwear, footwear lasts and related items and shoe makers' hand tools and equipment (other than those common to general engineering uses)

Liaison - To co-ordinate with ISO/TC 216 Footwear, ISO/TC 137 Sizing systems, designation and marking of boots and shoes

Sl. No. Reaffirm	IS Number/ No. of	DOC Number	Title	Date	
STANDARDS PUBLISHED					
1	IS 1638:	1969	Specification for Sizes and fittings of footwear (first revision)	Mar 2011	
2	** IS 1989(Part 1):	1986	Specification for Leather safety boots and shoes Part-1: For miners (fourth revision)	Mar 2011	4
3	** IS 1989(Part 2):	1986	Specification for Leather safety boots and shoes Part 2 For heavy Metal Industries (fourth revision)	Mar 2011	2
4	** IS 2050:	1991	Glossary of terms relating to footwear (first revision)	Mar 2011	
5	IS 2051:	1976	Methods for sampling of Leather Footwear (first revision)	Mar 2013	
6	* IS 3735:	1996	Canvas shoes, rubber sole - Specification (second revision)	Mar 2013	4
7	* IS 3736:	1995	Canvas boots, rubber sole - Specification (second revision)	Mar 2013	3
8	* IS 3976:	2003	Protective Rubber-Canvas Boots for Miners - Specification (fifth revision)	Mar 2013	1
9	IS 4512:	1978	Specification for Footwear lasts, Wooden (first revision)	Mar 2011	
10	IS 5520:	1969	Specification for Wooden,Lasts for heavy duty Boots	Mar 2011	1
11	IS 5557:	2004	Safety rubber boots - Industrial and Protection Rubber knee and Ankle Boos - Specification (fourth revision)	Mar 2011	
12	IS 5676:	1995	Moulded solid rubber soles and heels - Specification (second revision)	Mar 2013	
13	IS 5852:	2004	Protective steel Toe Caps for Footwear - Specification (fourth revision)	Mar 2011	
14	IS 6053(Part 1):	1970	Specification for Handtools for Footwear Industry: Part 1 Upper Clicking Knife	Mar 2013	
15	IS 6053(Part 2):	1971	Specification for Handtools for Footwear Industry: Part 2 Bottom Cutting Knife (RAMPI)	Mar 2013	
16	IS 6053(Part 3):	1971	Handtools for Footwear Industry: Part 3 Designers' Knife	Mar 2013	
17	IS 6053(Part 4):	1972	Specification for Handtools for Footwear Industry: Part 4 Half Round Knife	Mar 2013	
18	IS 6053(Part 5):	1972	Handtools for footwear industry: Part 5 Straight hacking knife	Mar 2013	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

19	IS 6368:1971	Method for sampling of rubber and rubber combination footwear	Mar 2013	
20	IS 6502:1971	Size stick for footwear industry	Mar 2011	
21	IS 6519:1971	Code of practice for selection, care and repair of safety footwear	Mar 2013	
22	IS 6664:1992	Micro-cellular rubber soles and heels - Specification (first revision)	Mar 2011	
23	IS 6719:1972	Specification for Solid PVC soles and heels	Mar 2013	
24	IS 6721:1972	Specification for PVC Sandal	Mar 2013	
25	IS 7329:1974	Specification for Metal Lasts for Safety Rubber Canvas Ankle Boots	Mar 2013	3
26	IS 7554:2009	Toe puff and counter stiffeners materials - Specification (first revision)	Jan 2014	
27	IS 8060:1976	Specification for Heel tip and toe tip with Nails for footwear	Mar 2013	1
28	IS 8085(Part 1):1986	Footwear, method of test: Part 1 Dimensions, Fitting, Adhesion Test, Peel Test, Heat Resistance Test and Ageing Test	Mar 2013	
29	IS 8085(Part 2):1999	Method of test for Footwear - Part 2 Footwear performance test, stiffner test for shambles, lastometer test for cracking of uppers and performance test for upper fabrics, coated fabrics, sock lining and other lining materials	Mar 2011	
30	IS 8606:1977	Specification for Brass Screw Wire for Footwear	Mar 2011	
31	IS 8751(Part 1):1978	Footwear sizes in Mondopoint system Part 1 Fundamental characteristics	Mar 2011	
32	IS 8751(Part 2):1978	Footwear sizes in mondopoint system: Part 2 Length grading	Mar 2011	
33	IS 10089:1981	Specification for Metal lasts for Knee Boots	Mar 2013	
34	** IS 10702:1992	Rubber Hawai chappal - Specification (second revision)	Mar 2011	2
35	** IS 10945:1984	Specification for Shanks for footwear	Mar 2013	
36	IS 11226:1993	Leather safety footwear having direct moulded rubber sole - Specification (first revision)	Mar 2013	2
37	** IS 11264:1985	Code of practice for Manufacture of Safety Rubber Canvas Footwear for miners	Mar 2011	
38	IS 11544:1986	Specification for Slipper, rubber	Mar 2013	
39	IS 12240(Part 1):1988	Methods of test for polyvinyl chloride boots: Part 1 Measurement of thickness	Mar 2013	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

40	IS 12240(Part 2):1988	Methods of test for polyvinyl chloride boots: Part 2 Determination of durometerhardness Shore A	Mar 2013
41	IS 12240(Part 3):1988	Methods of test for polyvinyl chloride boots: Part 3 Determination of relative density	Mar 2013
42	IS 12240(Part 4):1988	Methods of test for polyvinyl chloride boots: Part 4 Determination of volatility	Mar 2013
43	IS 12240(Part 5):1988	Methods of test for polyvinyl chloride boots: Part 5 Determination of lead content	Mar 2013
44	IS 12240(Part 6):1988	Methods of test for polyvinyl chloride boots: Part 6 Determination of tensile strength and elongation at break	Mar 2013
45	IS 12240(Part 7):1988	Methods of test for polyvinyl chloride boots: Part 7 Flexing test resistance tocut growth for soling material	Mar 2013
46	IS 12240(Part 8):1988	Methods of test for polyvinyl chlorde boots: Part 8 Resistance to flexing for polyvinyl chloride upper material	Mar 2013
47	** IS 12254:1993	Polyvinyl Chloride PVC industrial boots - Specification (first revision)	Mar 2011
48	IS 13295:1992	Code of practice for Manufacture of leather safety boots and shoes for workers in Mines and Heavy Metal Industry	Mar 2013
49	IS 13800:1993	Shoe sizes - Method of marking	Mar 2011
50	** IS 13893:1994	Polyurethane soles semirigid - Specification	Mar 2013
51	IS 13995:1995	Unlined moulded rubber boots - Specification	Mar 2013
52	IS 14544:1998	Leather safety footwear with direct moulded PVC soles - Specification	Mar 2013
53	IS 15196:2002	Plastic Footwear Lasts - Specification	Mar 2013
54	IS 15251:2002	Lasts for Heavy Duty Shoes - Specification	Mar 2013
55	IS 15298(Part 1):2011 / ISO 20344:2004	Personal protective equipment - Test methods for footwear (first revision)	
56	IS 15298(Part 2):2011 / ISO 20345:2004	Personal protective equipment - Safety footwear	1
57	IS 15298(Part 3):2011 / ISO 20346:2004	Personal protective equipment - Protective footwear	1
58	IS 15298(Part 4):2010 / ISO 20347:2004	Personal protective equipment - Part 4 Occupational footwear (First Revision)	1
59	IS 15844:2010	Sports Footwear - Specification	

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 19(1811)	Specification for Canvas shoes,polymeric sole (IS 3735)
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** INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS*

*** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS*

2	DOC.CHD 19(1812)	Specification for Canvas boots,polymeric sole (IS
3	DOC.CHD 19(1813)	Specification for protective rubber canvas boots for miners C2 (Sixth Revision of IS 3976)
4	DOC.CHD 19(2036)	Leather Marching Boots- specification
5	DOC.CHD 19(2099) / ISO 20345	Personal protective equipment - Safety footwear (first revision of IS 15298 Part 2)
6	DOC.CHD 19(2100) / ISO 20347	Personal protective equipment - Occupational footwear (second revision of IS 15298 Part 4)
7	DOC.CHD 19(2101) / ISO 4649:2010	Rubber,vulcanized or thermoplastic-Determination of abrasion resistance using a rotating cylindrical drum device
8	DOC.CHD 19(2102) / ISO 4643:1992	Moulded plastic footwear- Lined or unlined polyurethane boots for general industrial use-Specification
9	DOC.CHD 19(2103) / ISO 5423:1992	Moulded plastic footwear- Lined or unlined poly(vinylchloride) boots for general industrial use-Specification
10	DOC.CHD 19(2122)	Specification for Leather safety boots and shoes(revision of IS 1869 Part-1and Part 2)
11	DOC.CHD 19(2123)	Polyvinyl chloride PVC industrial boots - Specification (revision of IS 12254)
12	DOC.CHD 19(2124)	Leather safety footwear having direct moulded rubber sole - Specification (revision of IS 11226)
13	DOC.CHD 19(2125)	Polyurethane soles semirigid - Specification (revision of IS 13893)
14	DOC.CHD 19(2126)	Rubber Hawai chappal - Specification (revision of IS 10702)

DRAFT STANDARDS FORMULATED

1	DOC.CHD 19(1359)	Children Shoes
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** INDICATES STANDARDS UNDER REVISION
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*** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS*

CHD 20 PAINTS, VARNISHES AND RELATED PRODUCTS

SCOPE - To formulate Indian Standards for terminology, methods of sampling and tests, codes of practice and specifications on paints (including industrial varnishes and related products including their raw material.

Liaison To co-ordinate with the work of ISO/TC 35 `Paints and varnishes'

SI. No. Reaffirm	IS Number/ No. of	DOC Number	Title	Date	
STANDARDS PUBLISHED					
1	IS 5:2007		Colours for Ready Mixed Paints and Enamels (sixth revision)	Mar 2012	
2	IS 33:1992		Inorganic pigments and extenders for paints methods of sampling and test (third revision)	Mar 2014	1
3	IS 35:1975		Specification for zinc oxide for paints (first revision)	Mar 2012	1
4	IS 38:1976		Specification for antimony oxide for paints (first revision)	Mar 2014	1
5	** IS 40:1971		Specification for carbon black for paints (first revision)	Mar 2014	1
6	IS 44:1991		Iron oxide pigments for paints - Specification (second revision)	Mar 2012	1
7	** IS 50:1980		Specification for Lead and scarlet chromes (third revision)	Mar 2014	1
8	IS 51:1998		Zinc chrome for paints - Specification (fourth revision)	Mar 2014	
9	IS 54:1988		Specification for green oxide of chromium for paints (second revision)	Mar 2014	
10	** IS 55:1970		Specification for ultramarine blue for paints (first revision)	Mar 2014	2
11	IS 56:1993		Prussian blue (iron blue) for paints -Specification (second revision)	Mar 2014	
12	IS 58:1976		Specification for Litharge (first revision)	Mar 2014	
13	IS 62:2006		Graphite for Paints -Specification (first revision)	Feb 2011	
14	IS 63:2006		Whiting for paint and putty - Specification (third revision)	Feb 2011	
15	IS 64:1972		Specification for Barium sulphate pigments for paints (first revision)	Mar 2014	2
16	IS 66:2006		Magnesium silicate pigments for paints - Specification (second revision)	Feb 2011	
17	IS 67:1998		Silica for paints - Specificatin (second revisin)	Mar 2014	
18	IS 68:2006		China clay (Kaolin) for paints (second revision)	Feb 2011	
19	** IS 70:1980		Specification for Cuprous oxide for paints (first revision)	Mar 2014	2

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20	IS 74:1979	Methods of sampling and test for drying oils for paints (second revision)	Mar 2012	
21	IS 77:1976	Specification for Linseed oil, boiled for paints (second revision)	Mar 2014	
22	IS 79:1975	Specification for Linseed stand oil for paints (first revision)	Mar 2014	
23	IS 80:1991	Tung oil for paints -Specification (second revision)	Mar 2012	
24	IS 81:1989	Dehydrated castor oil for paints - Specification (second revision)	Mar 2014	
25	IS 82:1973	Method of sampling and test for thinners and solvent for paints (first revision)	Mar 2012	2
26	IS 101(Part 1/Sec 1):1986	Methods of sampling and test for paints, varnishes and related products Part 1 Test on liquid paints (general and physical) Sec 1 Sampling (third revision)	Mar 2012	
27	IS 101(Part 1/Sec 2):1987	Methods of sampling and test for paints, varnishes and related products Part 1 Test on liquid paints (general and physical) Sec 2 Preliminary examination and preparation of samples for testing (third revision)	Mar 2014	
28	IS 101(Part 1/Sec 3):1986	Methods of sampling and test for paints, varnishes and related products : Part 1 Test on liquid paints (general and physical) Sec 3 Preparation of panels (third revision)	Mar 2012	1
29	IS 101(Part 1/Sec 4):1987	Methods of sampling and test for paints, varnishes and related products : Part 1 Test on liquid paints (general and physical) Sec 4 Brushing test (third revision)	Mar 2014	
30	IS 101(Part 1/Sec 5):1989	Methods of sampling and test for paints, varnishes and related products : Part 1 Tests on liquid paints (general and physical) Sec 5 Consistency (third revision)	Mar 2014	2
31	IS 101(Part 1/Sec 6):1987	Methods of sampling and test for paints, varnishes and related products :Part 1 Test on liquid paints (general and physical) Sec 6 Flash point (third revision)	Mar 2014	
32	IS 101(Part 1/Sec 7):1987	Methods of sampling and test for paints, varnishes and related products : Part 1 Test on liquid paints (general and physical) Sec 7 Mass per 10 litres (third revision)	Mar 2014	
33	IS 101(Part 2/Sec 1):1988	Methods of sampling and test for paints, varnishes and related products: Part 2 Test on liquid paints (chemical examination) Sec 1 Water content (third	Mar 2014	
34	IS 101(Part 2/Sec 2):1986	Methods of sampling and test for paints, varnishes and related products : Part 2 Test on liquid paints (chemical examination) Sec 2 Volatile matter (third	Mar 2014	1
35	IS 101(Part 3/Sec 1):1986	Methods of sampling and test for paints, varnishes and related products : Part 3 Tests on paint film formation Sec 1 Drying time (third revision)	Mar 2012	2
36	IS 101(Part 3/Sec 2):1989	Methods of sampling and test for paints, varnishes and related products Part 3 Tests on paint film formation Sec 2 Film thickness (third revision)	Mar 2014	
37	IS 101(Part 3/Sec 4):1987	Methods of sampling and test for paints, varnishes and related products Part 3 Tests on paint film formation Sec 4 Finish (third revision)	Mar 2014	3

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38	IS 101(Part 3/Sec 5):1987	Methods of sampling and test for paints, varnishes and related products Part 3 Tests on paint film formation Sec 5 Fineness of grind (third revision)	Mar 2014	
39	IS 101(Part 4/Sec 1):1988	Methods of sampling and test for paints, varnishes and related products Part 4 Optical test Sec 1 Opacity (third revision)	Mar 2014	
40	IS 101(Part 4/Sec 2):1989	Methods of sampling and test for paints, varnishes and related products Part 4 Optical test Sec 2 Colour (third revision)	Mar 2014	
41	IS 101(Part 4/Sec 3):1988	Methods of sampling and test for paints, varnishes and related products Part 4 Optical test Sec 3 Light fastness test (third revision)	Mar 2014	
42	IS 101(Part 4/Sec 4):1988	Methods of sampling and test for paints, varnishes and related products Part 4 Optical test Sec 4 Gloss (third revision)	Mar 2012	1
43	IS 101(Part 5/Sec 1):1988	Methods of sampling and test for paints, varnishes and related products Part 5 Mechanical tests Sec 1 Hardness tests (third revision)	Mar 2014	
44	IS 101(Part 5/Sec 2):1988	Methods of sampling and test for paints, varnishes and related products part 5 Mechanical tests Sec 2 Flexibility and adhesion (third revision)	Mar 2014	2
45	IS 101(Part 5/Sec 3):1999	Methods of sampling and test for paints, varnishes and related products Part 5 Mechanical tests Sec 3 Impact resistance (fourth revision)	Mar 2014	
46	IS 101(Part 5/Sec 4):1988	Methods of sampling and test for paints, varnishes and related products Part 5 Mechanical tests Sec 4 Print free test (third revision)	Dec 2010	
47	IS 101(Part 6/Sec 1):1988	Methods of sampling and test for paints, varnishes and related products Part 6 Durability tests Sec 1 Resistance to humidity under conditions of condensation (third revision)	Dec 2010	3
48	IS 101(Part 6/Sec 2):1989	Methods of sampling and test for paints, varnishes and related products Part 6 Durability test on paint films Sec 2 Keeping properties (third revision)	Mar 2014	
49	IS 101(Part 6/Sec 3):1990	Methods of sampling and test for paints, varnishes and related products Part 6 Durability tests on paint films Sec 3 Moisture vapour permeability (third revision)	Dec 2010	
50	IS 101(Part 6/Sec 4):1991	Methods of sampling and test for paints, varnishes and related products Part 6 Durability tests on paint films Sec 4 Degradation of coatings (pictorial aids for evaluation)	Mar 2012	
51	IS 101(Part 6/Sec 5):1997	Method of sampling and test for paints, varnishes and related products Part 6 Durability test on Paint films section 5 Accelerated weathering test	Mar 2012	
52	IS 101(Part 7/Sec 1):1989	Methods of sampling and test for paints, varnishes and related products Part 7 Environmental tests on paint films Sec 1 Resistance to water (third revision)	Mar 2014	
53	IS 101(Part 7/Sec 2):1990	Methods of sampling and test for paints, varnishes and related products part 7 Environmental tests on paint films Sec 2 Resistance to liquids (third revision)	Dec 2010	1
54	IS 101(Part 7/Sec 3):1990	Methods of sampling and test for paints, varnishes and related products Part 7 Environmental tests on paint films Sec 3 Resistance to heat (third revision)	Dec 2010	1

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55	IS 101(Part 7/Sec 4):1990	Methods of sampling and test for paints, varnishes and related products Part 7 Environmental tests on paint films Sec 4 Resistance to bleeding of pigments (third revision)	Mar 2012	1
56	IS 101(Part 8/Sec 1):1989	Methods of sampling and test for paints, varnishes and related products Part 8 Tests for pigments and other solids Sec 1 Residue on sieve (third revision)	Mar 2014	
57	IS 101(Part 8/Sec 2):1990	Methods of sampling and test for paints, varnishes and related products Part 8 Tests for pigments and other solids Sec 2 Pigments and non-volatile matter (third revision)	Mar 2012	4
58	IS 101(Part 8/Sec 3):1993	Methods of sampling and test for paints, varnishes and related products: Part 8 Tests for pigments and other solids: Sec 3 Ash content (third revision)	Mar 2014	
59	IS 101(Part 8/Sec 4):1993	Methods of sampling and test for paints, varnishes and related products: Part 8 Tests for pigments and other solids: Sec 4 Phthalic anhydride (third revision)	Mar 2014	
60	IS 101(Part 8/Sec 5):1993	Methods of sampling and test for paints, varnishes and related products: Part 8 Tests for pigments and other solids: Sec 5 Lead restriction test (third revision)	Mar 2014	1
61	IS 101(Part 8/Sec 6):1993	Methods of sampling and test for paints, varnishes and related products: Part 8 Tests for pigments and other solids: Sec 6 Volume solids	Mar 2014	
62	IS 101(Part 9/Sec 1):1993	Methods of sampling and test for paints, varnishes and related products: Part 9 Tests for lacquers and varnish: Sec 1 Acid value (third revision)	Mar 2014	
63	IS 101(Part 9/Sec 2):1993	Methods of sampling and test for paints, varnishes and related products: Part 9 Tests for lacquers and varnish: Sec 2 Rosin test (third revision)	Mar 2014	
64	IS 104:1979	Specification for Ready mixed paint, brushing, zinc chrome, priming (second revision)	Mar 2014	3
65	IS 109:1968	Specification for Ready mixed paint, finishing, priming, plaster, to Indian Standard Colour No.361 Light stone and No. 631 Light grey, white and off white (first revision)	Mar 2014	3
66	** IS 110:1983	Specification for Ready mixed paint, brushing, grey filler, for enamels for use over primers (second revision)	Mar 2014	
67	IS 133:2004	Enamel, interior(a) undercoating, (b) finishing - Specification (fourth revision)	Mar 2014	1
68	IS 133(Part 1):2013	Enamel, interior(a) undercoating, (b) finishing - Specification Part 1 for household and decorative applications (fifth revision)		
69	IS 137:1965	Specification for Ready mixed paint, brushing, matt or eggshell flat, finishing, interior to Indian Standard Colour as required (revised)	Mar 2014	3
70	IS 138:1992	Ready mixed paint, marking for packages and petrol containers (third revision)	Mar 2014	1
71	IS 139:1981	Ready mixed paint, marking, quick drying, for marking with rubber stamps (second revision)	Dec 2010	
72	** IS 140:1980	Specification for Ready mixed paint, exterior, petrol resisting, air drying (first revision)	Dec 2010	1

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73	** IS 142:1980	Specification for Ready mixed paint, exterior, petrol resisting stoving (first revision)	Dec 2010	
74	IS 144:1950	Specification for Ready mixed paint, brushing, petrol resisting, air-drying, for interior painting of tanks and containers, red oxide (colour unspecified)	Mar 2014	3
75	** IS 145:1950	Specification for Ready mixed paint, slushing, petrol resisting, air-drying for interior painting of tanks and containers, red oxide (colour unspecified)	Mar 2014	4
76	** IS 146:1950	Specification for Ready mixed paint, brushing, petrol resisting, stoving, for interior painting of tanks and containers, red oxide (colour unspecified)	Mar 2014	2
77	IS 147:1950	Specification for Ready mixed paint, brushing, petrol resisting stoving, for interior painting of tanks and containers, red oxide (colour unspecified)	Mar 2014	2
78	IS 150:1950	Specification for Ready mixed paint, brushing, finishing, stoving, enamel, colour as required	Dec 2010	3
79	** IS 151:1985	Specification for Ready mixed paint, spraying, finishing, stoving, enamel, for general purposes, colour as required (first revision)	Dec 2010	1
80	** IS 158:1981	Specification for Ready mixed paint, brushing, bituminous, black, lead-free, acid, alkali and heat resisting (third revision)	Dec 2010	2
81	IS 159:1981	Specification for Ready mixed paint, brushing, acid resisting (first revision)	Mar 2014	1
82	** IS 164:1981	Specification for Ready mixed paint for road marking (first revision)	Dec 2010	3
83	IS 168:1993	Ready mixed paint, air-drying, for general purposes - Specification (third revision)	Mar 2012	
84	** IS 198:1978	Varnish gold size (first revision)	Mar 2014	2
85	** IS 289:1963	Specification for Aluminium paste for paints (revised)	Mar 2014	2
86	** IS 337:1975	Specification for Varnish, finishing interior (first revision)	Mar 2014	
87	IS 341:1973	Specification for Black Japan, Types A, B and C (first revision)	Mar 2012	
88	IS 344:1976	Specification for Varnish, stoving (first revision)	Mar 2012	
89	IS 347:1975	Specification for Varnish, shellac, for general purposes (first revision)	Mar 2012	
90	** IS 348:1968	Specification for French polish (first revision)	Mar 2014	1
91	IS 354(Part 1):1987	Methods of sampling and test for resins for paints: Part 1 General test methods(second revision)	Mar 2012	2
92	IS 354(Part 2):1986	Methods of sampling and test for resins for paints : Part 2 Special test methods for alkyd resins (second revision)	Mar 2012	3
93	IS 354(Part 3):1986	Methods of sampling and test for resins for paints: Part 3 Special test methodsfor phenolic resins (second revision)	Mar 2012	1

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94	IS 354(Part 4):1986	Methods of sampling and test for resins for paints: Part 4 Special test methodsfor epoxy resins (second revision)	Mar 2012	2
95	IS 354(Part 5):1986	Methods of sampling and test for resins for paints: Part 5 Special test methodsfor polyamide resins (second revision)	Mar 2012	1
96	IS 354(Part 6):1989	Resins for paints- Methods of sampling and test : Part 6 Special test methods for amino resins (second revision)	Mar 2012	
97	IS 354(Part 7):1989	Resins for paints -Methods of sampling and test Part 7 Special test methods for acrylic or vinyl acetate resins and emulsions (second revision)	Mar 2014	
98	IS 356:1991	Ester gum resins - Specification(second revision)	Mar 2012	
99	IS 411:1991	Titanium dioxide, anatase, for paints - Specification (third revision)	Mar 2014	1
100	IS 419:1967	Specification for Putty, for use on window frames (first revision)	Mar 2014	5
101	** IS 423:1961	Specification for Plastic wood for joiners filter (revised)	Mar 2014	1
102	IS 427:2013	Distemper, dry, colour as required (third revision)		
103	IS 428:2013	Washable distemper - Specification (third revision)		
104	IS 430:1972	Specification for Paint remover, solvent type, non-flammable (second revision)	Mar 2014	1
105	** IS 431:1972	Specification for Paint remover, solvent type, flammable (second revision)	Mar 2014	1
106	IS 524:1983	Specification for Varnish, finishing, exterior, synthetic, air drying (second revision)	Dec 2010	
107	** IS 525:1968	Specification for Varnish, finishing, exterior and general purposes (first revision)	Mar 2014	1
108	IS 553:1984	Specification for Rosin (gum rosin) (second revision)	Mar 2014	2
109	** IS 642:1963	Specification for Varnish medium for aluminium paint (revised)	Mar 2014	2
110	IS 644:1992	Dipentene for paints-Specification (second revision)	Mar 2012	
111	IS 840:1986	Specification for Cashewnut shell liquid (CNSL) (second revision)	Mar 2012	
112	IS 1303:1983	Glossary of terms relating to paints (second revision)	Mar 2012	
113	** IS 1419:1989	Anti-fouling paint, brushing, for ship's bottoms and hulls (second revision)	Mar 2014	1
114	IS 1872:1961	Specification for Thinner for synthetic paints and varnishes for aircrafts	Mar 2014	1
115	IS 1873:1961	Specification for Thinner, antichill for cellulose nitrate based paints, dopes and lacquers for aircrafts	Mar 2014	3

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116	IS 1874:1992	Ready mixed paint, universal, zinc chrome, priming (synthetic) for light alloys (first revision)	Mar 2014	1
117	IS 2074:1992	Ready mixed paint, air drying, red oxide-zinc chrome, priming-Specification (second revision)	Mar 2014	2
118	IS 2075:2000	Ready mixed paint, stoving, red-oxide-zinc chrome priming - Specification (second revision)	Mar 2012	1
119	IS 2339:2013	Aluminium paint for general purposes(first revision)		
120	IS 2932:2003	Enamel, synthetic, exterior (a) undercoating, (b) finishing (third revision)	Mar 2014	
121	IS 2932(Part 1):2013	Enamel, synthetic, exterior (a) undercoating, (b) finishing- Specification Part 1 For household and decorative applications (fourth revision)		
122	** IS 2933:1975	Specification for Enamel exterior (a) undercoating, (b) finishing (first revision)	Mar 2014	2
123	IS 2933(Part 1):2013	Enamel exterior (a) undercoating, (b) finishing Specification Part 1 for household and decorative applications (second revision)		
124	IS 3493:1978	Methods of sampling and test for organic pigments for paints (first revision)	Mar 2012	1
125	IS 3520:1992	Water -soluble sodium carboxymethyl cellulose - Specification (second revision)	Mar 2014	
126	IS 3526:1981	Barium chromate for paints (first revision)	Dec 2010	1
127	** IS 3527:1972	Specification for Mica for paints (first revision)	Mar 2014	1
128	IS 3536:1999	Ready mixed paint, brushing, wood primer - Specification (first revision)	Mar 2014	1
129	** IS 3537:1966	Specification for Ready mixed paint, finishing, interior,for general purposes, to Indian StandardColours No.101,216,217,219,275,281,352,353,358to361,363,364,388,410,442,444,628,631,632,634,693,697, white and black	Mar 2014	1
130	IS 3539:1966	Specification for Ready mixed paint, undercoating, for use under oil finishes, to Indian StandardColours, as required	Mar 2014	3
131	** IS 3574(Part 1):1965	Organic pigments for paints: Part 1 Azo pigments	Mar 2014	
132	IS 3574(Part 2):2000	Organic pigments for paints - Specification Part 2 Phthalocyanines(first revisiion)	Dec 2010	
133	IS 3585:1966	Specification for Ready mixed paint, aluminium, brushing priming, water resistant, for woodwork	Mar 2014	2
134	IS 3678:1966	Specification for Ready mixed paint, thick white, for lettering	Mar 2014	3
135	** IS 3709:1966	Specification for Mastic cement for bedding of metal windows	Mar 2014	
136	IS 5083:1988	Specification for Knifing stopper for railway coaches (second revision)	Mar 2014	3

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137	IS 5410:2013	Cement paint -Specification (second revision)		
138	IS 5661:1970	Code of practice for packing and marking of packages of paints, enamels, varnishes and allied products	Mar 2012	
139	IS 5666:1970	Specification for Etch (pretreatment) primer	Mar 2014	1
140	IS 5667:1970	Thinner for cellulose nitrate based paints and lacquers	Dec 2010	1
141	** IS 5691:1970	Specification for Lacquer, cellulose,nitrate pigmented, finishing, glossy	Mar 2014	1
142	** IS 6125:1971	Specification for Enamel, synthetic, stoving, for automobiles	Mar 2014	1
143	IS 6126:1971	Specification for Nitrocellulose surfacer	Dec 2010	
144	IS 6127:1971	Specification for Varnish, spar and fungicidal	Dec 2010	
145	IS 6667:1972	Glossary of terms used in synthetic resin industry	Mar 2012	
146	** IS 6714:1989	Ready mixed paint, finishing, non-slip deck (first revision)	Mar 2014	1
147	IS 6947(Part 1):1973	Methods of estimation of composite pigments in oil pastes, ready mixed paints and enamels Part 1 Estimation of lead, zinc oxide, titanium dioxide, calcium compounds and zinc sulphide	Mar 2014	1
148	IS 6947(Part 2):1975	Methods of estimation of composite pigments in oil pastes, ready mixed paints and enamels Part 2 Estimation of zinc chromes, ferric oxide and alluminium	Mar 2014	
149	IS 6947(Part 3):1975	Methods of estimation of composite pigments in oil pastes, ready mixed paints and enamels Part 3 Estimation of lead chromes, iron blue and zinc compounds	Mar 2014	1
150	** IS 6948:1973	Specification for Ready mixed paint, undercoat, synthetic for ships	Dec 2010	2
151	** IS 6951:1973	Specification for Ready mixed paint, finishing, exterior for ships	Dec 2010	1
152	** IS 7164:1973	Specification for Stopper	Mar 2014	
153	IS 8098(Part 1):1976	Code of practice for finishing of automobile bodies Part 1 Finishing of passenger cars	Mar 2012	
154	IS 8098(Part 2):1981	Code of practice for finishing of automobile bodies Part 2 Refinishing of passenger cars	Mar 2012	
155	IS 8662:2004	Enamel, synthetic, exterior (a) undercoating (b) finishing for railway coaches - Specification (second revision)	Mar 2014	
156	IS 8766:1978	Specification for Driers for paints	Mar 2014	
157	** IS 8767:1978	Specification for Calcium carbonate, precipitated and activated for paints	Mar 2014	1

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158	IS 8982:1991	Ready mixed paint, finishing air drying for war equipment (first revision)	Mar 2012	2
159	** IS 8983:1978	Ready mixed paint, finishing, stoving for war equipment	Mar 2014	
160	** IS 9034:1978	Specification for Enamel, synthetic, exterior, air drying, for use on primed surfaces of motor vehicles and other equipment	Mar 2014	
161	IS 9788:1981	Specification for Titanium dioxide, rutile for paints	Mar 2014	1
162	IS 9862:1981	Ready mixed paint, brushing, bituminous, black, lead-free, acid, alkali, water and chlorine resisting (first revision)	Mar 2014	1
163	** IS 10018:1981	Specification for Lacquer, cellulose, nitrate, clear, finishing, glossy for wood	Mar 2014	
164	** IS 10897:1984	Specification for Zinc phosphate pigment for paints	Mar 2014	
165	IS 11811:1986	Specification for Alkyd resins	Mar 2012	
166	IS 11883:1986	Specification for Ready mixed paint, brushing, red oxide, priming for metals	Dec 2010	1
167	IS 12744:2013	Ready mixed paint, air drying, red oxide, zinc phosphate, priming-Specification Part 1 for domestic and decorative applications(fourth revision)		
168	IS 13183:1991	Aluminium paint, heat resistant - Specification	Dec 2010	2
169	IS 13184:1991	Mastic filler, epoxy based (two pack)-Specification	Dec 2010	
170	IS 13213:1991	Polyurethane full gloss enamel (two pack)-Specification	Mar 2012	1
171	IS 13238:1991	Epoxy based zinc phosphate primer (two pack)	Mar 2012	3
172	IS 13239:1991	Epoxy surfacer (two pack)-Specification	Mar 2012	2
173	IS 13467:1992	Chlorinated rubber for paints - Specification	Mar 2012	
174	IS 13607:1992	Ready mixed paint, finishing, general purposes, synthetic-Specification	Mar 2014	2
175	IS 13759:1993	Polyurethane primer zinc phosphate (two pack) for exterior painting of railway coaches-Specification	Mar 2014	
176	IS 13798:1993	Polyurethane base knifing filler (Two pack) for exterior painting of railway coaches-Specification	Mar 2014	2
177	IS 13799:1993	Polyurethane base surfacer (Two Pack) for exterior painting of railway coaches - Specification	Mar 2014	
178	IS 13871:1993	Powder coatings - Specification	Mar 2014	1
179	IS 13966:1994	Carboxymethyl cellulose for use in oil industries - Specification	Mar 2014	

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180	IS 14209:1994	Epoxy enamel, two component, glossy - Specification	Mar 2014	1
181	IS 14314:1995	Thinner general purpose for synthetic paints and varnishes - Specification.	Mar 2012	
182	IS 14355:1996	Zinc dust pigment for paints - Specification	Mar 2012	1
183	IS 14499:1998	Strontium chromate for paints - Specification	Mar 2014	
184	IS 14506:1998	Epoxy redoxide zinc phosphate weldable primer, two component - Specification	Mar 2014	
185	IS 14589:1999	Zinc priming paint, epoxy based ,two pack -Specification	Mar 2014	
186	IS 14925:2001	Epoxy resin for paints - Specification	Mar 2012	
187	IS 14946:2001	Zinc ethyl silicate primer two components- Specification	Mar 2012	
188	IS 14947:2001	Enamel Synthetic,Oil resistant air drying - Specification	Mar 2012	
189	IS 14948:2001	Paint coal tar epoxy, two pack, black and brown (base and hardener) - Specification	Mar 2012	
190	IS 15365:2003	Amino resins for paints - Specification	Mar 2014	
191	IS 15366:2003	Dolomite for paint industry - Specification	Mar 2014	
192	IS 15489:2013	Paint, plastic emulsion- Specification (first revision)		

FINALISED DRAFTS UNDER PRINT

1	DOC.CHD 20(1657)	Specification for ready mixed paint, exterior, petrol resisting, air drying (second revision of IS 140)
2	DOC.CHD 20(1658)	Specification for ready mixed paint, exterior, petrol resisting, stoving (second revision of IS 142)
3	DOC.CHD 20(1659)	Specification for ready mixed paint, spraying, finishing,stoving, enamel, for general purposes, colour as required (second revision of IS 151)
4	DOC.CHD 20(1660)	Specification for ready mixed paint, brushing, bituminous, black, lead free, acid, alkali and heat resisting (fourth revision of IS 158)
5	DOC.CHD 20(1661)	Specification for ready mixed paint for road marking (second revision of IS 164)
6	DOC.CHD 20(1805)	Method of sampling and test for paints, varnishes and related products Part 8 Tests for pigments and other solid Sect 4 Phthalic Anhydride(Fourth revision of IS 101 (Part 8/Sec 4) C1
7	DOC.CHD 20(1810)	Polyurethane matt finish (two pack)- Specification
8	DOC.CHD 20(1858)	Specification for Lead and scarlet chromes(Fourth revision of IS 50)

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9	DOC.CHD 20(1859)	Specification for Calcium carbonate, precipitated and activated for paints (First revision of IS 8767)
10	DOC.CHD 20(1860)	Specification for Organic Pigments for Paints Parat 1 Azo Pigments (Toluidine Red;Chlorinated P-Nitroanilike Red; Arylamide Yellows and Para Red (First revision of IS 3574(Part 1)
11	DOC.CHD 20(1883)	Specification for Putty, for use on window frames (second revision of IS 419) (superseding IS :420-1953)
12	DOC.CHD 20(1901)	Specification for Ready mixed paint, brushing, zinc chrome, priming (third revision)
13	DOC.CHD 20(1902)	Specification for Ready mixed paint, finishing, priming, plaster, to Indian Standard Colour No.361 Light stone and No. 631 Light grey, white and off white (second revision)
14	DOC.CHD 20(1903)	Specification for French polish (second revision)
15	DOC.CHD 20(1904)	Specification for Varnish medium for aluminium paint (second revision)
16	DOC.CHD 20(1907)	Specification for Ready mixed paint, aluminium, brushing priming, water resistant, for woodwork(first revision of IS 3585)
17	DOC.CHD 20(1932)	To components high build epoxy micacious iron oxide (MIO) pigmented intermediate coat- Specification
18	DOC.CHD 20(1933)	Epoxy non-skid paint(base and hardner)
19	DOC.CHD 20(1934)	Two components high build epoxy titanium dioxide (TIO2) Pigmented intermediate coat- specification
20	DOC.CHD 20(1935)	Silicone soya alkyd exterior paint
21	DOC.CHD 20(1939)	Thermoplastic polymer based coatings (a) undercoating (b) finishing - specification
22	DOC.CHD 20(2027)	Specification for ready mixed paint, brushing, bituminous, black, acid, alkali, water and chlorine resisting (first revision of IS 9862)
23	DOC.CHD 20(2028)	Specification for ready mixed paint, brushing, red oxide, priming for metals (first revision of IS 11883)
24	DOC.CHD 20(2029)	Polyurethane full gloss enamel(two pack)- specification (first revision of IS 13213)
25	DOC.CHD 20(2030)	Epoxy based zinc phosphae primer(two pack)- specification (first revision of IS 13238)
26	DOC.CHD 20(2032) / 11890-1:2007	Paints & Varnishes- - Determination of Volatile Organic Compound (VOC) Content Part-1: Difference method
27	DOC.CHD 20(2034) / 17895:2005	Paints & Varnishes- - Determination of Volatile Organic Content of low VOC emulsion Paints (in - can VOC)
28	DOC.CHD 20(2035) / 787-9:1981	General methods of test for pigments and extenders - Part 9:Determination of pH value of an aqueous suspension

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.CHD 20(1905)	Ready mixed paint, air drying, red oxide zinc chrome priming-Specification (third revision of IS 2074) Part 1 for domestic and decorative applications
2	DOC.CHD 20(1906)	Ready mixed paint, air drying, red oxide-zinc , chrome priming-Specification (third revision of IS 2074) Part 2 for commercial and industrial applications
3	DOC.CHD 20(1936)	Instrumescent fire retardant paint(Water based)
4	DOC.CHD 20(1938)	Solventless Liquid Epoxy System for interior and exterior of Steel Water Pipeline
5	DOC.CHD 20(2055) / ISO 11890-2:2007	Paints and Varnishes - Determination of volatile organoic compound (VOC) content- Part 2: Difference method
6	DOC.CHD 20(2056)	Method of sampling and test for paints, varnishes and related products Part 2 Test on liquid paints (chemical examination) Sec 1 Water Content (fourth revision of IS 101 (Part 2/Sec 1)
7	DOC.CHD 20(2070)	Specification for Ready mixed paint, brushing, grey filler, for enamels for use over primers (third revision of IS 110)
8	DOC.CHD 20(2071)	Specification for Ready mixed paint, brushing, matt or egg-shell flat, finishing, interior to Indian Standard Colour as required (second revision of IS 137)
9	DOC.CHD 20(2072)	Ready mixed paint, marking for packages and petrol containers (fourth revision of IS 138)
10	DOC.CHD 20(2073)	Ready mixed paint, air-drying, for general purposes - Specification (fourth revision of IS 168)
11	DOC.CHD 20(2074)	Specification for Black Japan, Types A, B and C (second revision of IS 341)
12	DOC.CHD 20(2075)	Epoxy enamel, two component, glossy Specification(first revision of IS 14209)
13	DOC.CHD 20(2076)	Polyurethane base surfacer (Two Pack) for exterior painting of railway coaches - Specification (First revision of IS 13799)
14	DOC.CHD 20(2077)	Polyurethane primer zinc phosphate (two pack) for exterior painting of railway coaches-Specification(First revision of IS 13759)
15	DOC.CHD 20(2078)	Epoxy surfacer (two pack)-Specification(First revision of IS 13239)
16	DOC.CHD 20(2079)	Ready mixed paint, brushing, wood primer - Specification (second revision of IS 3536)
17	DOC.CHD 20(2080)	Specification for Ready mixed paint, thick white, for lettering(First revision of IS 3678)
18	DOC.CHD 20(2081)	Specification for Enamel, synthetic, exterior, air drying, for use on primed surfaces of motor vehicles and other equipment(first revision of IS 9034)
19	DOC.CHD 20(2092)	Ready mixed paint, universal, zinc chrome, priming (synthetic) for light alloys (second revision of IS 1874)

* INDICATES STANDARDS UNDER REVISION
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20	DOC.CHD 20(2093)	Ready mixed paint, stoving, red-oxide-zinc chrome priming - Specification (third revision of IS 2075)(superseing IS 135& IS 136)
21	DOC.CHD 20(2094)	Specification for Ready mixed paint, finishing, interior,for general purposes, to Indian Standard Colours (first revision of IS 3537) superseding IS 129:1950, IS 641:1954,IS 870:1962 and 871:1956)
22	DOC.CHD 20(2095)	Specification for Enamel, synthetic, stoving, for automobiles (first revision of IS 6125)

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 20(1937)	Hot applied thermoplastic road marking material
2	DOC.CHD 20(2031)	Powder coatings- Specification (first revision of IS 13871)

** INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS*

*** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS*

CHD 23 BRUSHWARE, POLISHES LAC, LAC PRODUCTS SECTIONAL COMMITTEE

SCOPE - To formulate Indian Standards for terminology; methods of sampling and test; codes of practice; guidelines and specifications for the following :

- a) Various types of brushes including industrial, domestic, personal hygiene, civil applications and filling materials.
- b) Lac, lac products, polishes, related products and their raw materials.

SI. No.	IS Number/ Reaffirm No. of	DOC Number	Title	Date	
STANDARDS PUBLISHED					
1	IS 15:1973		Seedlac (second revision)	Feb 2013	1
2	IS 16(Part 1):2008		Shellac - Specification Part I Hand-made shellac (fourth revision)	Feb 2013	
3	IS 16(Part 2):2008		Shellac - Specification Part 2 Machine-made shellac (fourth revision)	Feb 2013	
4	IS 17:1973		Bleached lac (second revision)	Feb 2013	2
5	IS 384:2002		Brushes, paints and varnishes, flat - Specification (fifth revision)	Sep 2007	1
6	IS 384(Part 1):2012		Brushes, paints and varnishes, flat- Part 1 Heavy duty (Sixth revision)		
7	IS 384(Part 2):2012		Brushes, paints and varnishes, flat- Part 2 Household purposes (Sixth revision)		
8	IS 486:2012		Brushes, sash tool, for paints and varnishes (fourth revision)		
9	IS 487:2012		Brush, paint and varnish- i) Oval ferrule bound, and ii) round, ferrule bound (fifth revision)		
10	IS 868:1990		Sealing wax (first revision)	Feb 2013	
11	IS 1103:1984		Specification for Brushes, artist's (third revision)	Feb 2013	2
12	IS 1104:1984		Specification for Brushes, lettering (second revision)	Feb 2013	1
13	IS 1746:1992		Shoe polish, paste (third revision)	Feb 2013	1
14	IS 1844:1993		Bristles-Specification (second revision)	Feb 2013	
15	IS 2616:1963		Specification for Brush, i) cleaning tank, and ii) commode and lavatory	Feb 2013	2
16	IS 2621:1976		Specification for Brush, commode chutes (first revision)	Feb 2013	1
17	IS 2622:1986		Specification for Brush, banister (hand sweeping), single (second revision)	Feb 2013	3
18	IS 2701:1986		Specification for Brush, carriage washing (without handle) (second revision)	Feb 2012	2

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

19	IS 2978:1986	By-products of lac (first revision)	Feb 2013	
20	IS 3008:2012	Brushes, shoe blacking (fourth revision)		
21	IS 3009:2002	Brushes, shoe polishing -Specification (third revision)	Jan 2013	1
22	IS 3015:1985	Specification for Brush, scrubbing (first revision)	Jan 2013	
23	IS 3387:2004	Toothbrush - Specification (Second Revision)	Feb 2013	
24	IS 3451(Part 1):1978	Code of practice for care and maintenance of brushes, Part 1 - Pan set brushes(first revision)	Feb 2013	
25	IS 3451(Part 2):1975	Code of practice for care and maintenance of brushes, Part 2 - Brushes other than pan set brushes	Feb 2013	
26	IS 4208:1985	Specification for Brush, stencil (second revision)	Feb 2013	1
27	IS 4214:1997	Brush, boiler tube (without shank) - Specification (first revision)	Jan 2013	
28	IS 4301:1999	Specification for Brushes, foundry, flat - Specification (first revision)	Feb 2013	
29	IS 4517:1986	Specification for Brush, welder's (first revision)	Jan 2013	
30	IS 4580:1986	Specification for Brushes, shaving (first revision)	Jan 2013	3
31	IS 4584:2002	Brushes, hair -Specification (first revision)	Jan 2013	1
32	IS 4779:1985	Leather sole and edge wax polishes (first revision)	Feb 2013	
33	IS 4908:1968	Glossary of terms used in lac industry	Feb 2013	1
34	IS 5060:1969	Glossary of terms used in brushware industry	Feb 2013	
35	IS 5207:1969	Specification for Brushes, clothes	Feb 2012	3
36	IS 5467:1986	Shellac wax (first revision)	Feb 2013	
37	IS 5468:1993	Blanco (first revision)	Oct 2012	
38	IS 5480:1983	Automobile polish, paste (first revision)	Feb 2013	1
39	IS 5481:1992	Floor polish, liquid (first revision)	Feb 2013	
40	IS 5487:1992	Metal polish, liquid (first revision)	Feb 2013	
41	IS 5683:1970	Specification for Brushes, push-sweeping (without handle)	Feb 2013	2
42	IS 5969:1992	Metal polish, paste (first revision)	Feb 2013	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

43	IS 6045:1994	Wax-emulsion sole leather polish (first revision)	Feb 2013	
44	IS 6271:1992	Silver polish, liquid (first revision)	Feb 2013	
45	IS 6350:1985	Shoe cream (first revision)	Feb 2013	
46	IS 6704:1992	Pigmented floor polish, paste (first revision)	Feb 2013	1
47	IS 6766:1993	Buffing compounds used for nickel and chrome plated surfaces (first revision)	Oct 2012	1
48	IS 6771:1972	Aluminium polish, paste for aircraft	Feb 2013	
49	IS 6921:1973	Methods of sampling and test for lac and lac products	Feb 2013	1
50	IS 7473:1974	Specification for Brushes, tar	Feb 2013	3
51	IS 7477:1974	Brushes, harness, hard	Feb 2013	3
52	IS 7982:1992	Automobile polish, liquid (first revision)	Feb 2013	
53	IS 7984:1991	Rubbing compound (first revision)	Feb 2013	
54	IS 8171:1992	Glossary of terms relating to polishes and related materials (second revision)	Feb 2013	1
55	IS 8541:1993	Polish, paste for floor and wooden furniture (first revision)	Oct 2012	
56	IS 8592:1977	Methods for identification of brush filling materials of animal origin	Feb 2013	
57	IS 9276:1979	Specification for Brushes, horse	Jan 2013	
58	IS 9518:1980	Automobile polish, liquid, containing silicone	Feb 2013	
59	IS 10025:1981	Polish liquid (white) for canvas footwear	Feb 2013	1
60	IS 11750:1986	Specification for Brush, fitch, flat with long handle	Feb 2013	2
61	IS 12010:1987	Shoe polish, liquid	Feb 2013	1
62	IS 12123:1987	Aluminium polish, liquid for aircraft	Feb 2013	
63	IS 12518:1988	Shellac bond powder	Feb 2013	
64	IS 12920:1990	Brush, drain cleaning (without handle)-Specification	Feb 2013	1
65	IS 12921:1990	Lac dye	Feb 2013	

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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66	IS 13160:1991	Aleuritic acid	Feb 2013	1
67	IS 13294:1992	Non-buffable floor polish, liquid	Feb 2013	
68	IS 13348:1992	Brush, rubber squeezer, with handle-Specification	Jan 2013	
69	IS 13977:1994	Polish liquid, multipurpose	Feb 2013	

FINALISED DRAFTS UNDER PRINT

1	DOC.CHD 23(1369)	Draft Amendment No. 3 to IS 1103		
2	DOC.CHD 23(1370)	Draft Amendment No. 2 to IS 3009		

** INDICATES STANDARDS UNDER REVISION
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*** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS*

CHD 25 SOAPS AND OTHER SURFACE ACTIVE AGENTS

- SCOPE -** a) To formulate Indian Standards for terminology, methods of sampling and test and specifications for soaps; other surface active agents including non-soapy detergents, wetting agents, emulsifying agents, including formulated and speciality products and glycerine; and
 b) To co-ordinate with the work of ISO/TC 91 Surface Active Agents

Sl. No. Reaffirm	IS Number/ DOC Number No. of	Title	Date	
STANDARDS PUBLISHED				
1	IS 285:1992	Laundry soaps (third revision)	Feb 2011	4
2	* IS 286:1978	Methods of sampling and test for soaps (second revision)	Jun 2013	5
3	IS 672:1978 / ISO 672:1978	Soaps- Determination of moisture and volatile matter content - Oven method		
4	IS 673:1981 / ISO 673:1981	Soaps- Determination of content of ethanol-insoluble matter		
5	IS 1061:1997	Disinfectant fluids, phenolic type -Specification (fourth revision)	Feb 2011	4
6	IS 1066:1975 / ISO 1066:1976	Analysis of soaps - Determination of glycecol content - Titrimetric method		
7	IS 1067:1974 / ISO 1067:1974	Analysis of soaps - Determination of unsaponifiable,unsaponified and unsaponified saponifiable matter		
8	IS 1796:1986	Specification for Glycerine (second revision)	Feb 2011	
9	IS 2887:1993	Laundry soap powders-Specification (second revision)	Feb 2011	4
10	IS 2888:2004	Toilet soap -Specification(third revision)	Feb 2011	3
11	IS 4199:2001	Liquid toilet soap-Specification (third revision)	Nov 2011	
12	IS 4955:2001	Household laundry detergent powders -Specification (fourth revision)	Nov 2011	2
13	IS 4956:2002	Synthetic detergent for industrial purposes - Specification (second revision)	Jun 2013	
14	IS 5784:2001	Shaving Soap - Specification (first revision)	Nov 2011	
15	IS 5785(Part 1):1970	Methods for performance tests for surface active agents: Part 1 Relative dispersing power	Feb 2011	
16	IS 5785(Part 2):1970	Methods for performance tests for surface active agents: Part 2 Relative emulsifying power	Feb 2011	
17	IS 5785(Part 3):1970	Methods for performance tests for surface active agents: Part 3 Foaming power	Feb 2011	1
18	IS 5785(Part 4):1976	Methods for performance tests for surface active agents: Part 4 Relative detergency (first revision)	Feb 2011	1

* INDICATES STANDARDS UNDER REVISION
 / INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
 / INDICATES EQUIVALENT STANDARDS

19	IS 5785(Part 5):2013	Methods for performance tests for surface active agents: Part 5 Wetting power		
20	IS 6047:2009	Scouring products for Utensil cleaning - Specification (First Revision)		1
21	IS 7532:1974	Specification for Soft soap	Feb 2011	4
22	IS 7597:2001	Surface active agents - Glossary of terms (first revision)	Nov 2011	1
23	* IS 7983:1994	Toilet cleaner liquid - specification (first revision)	Jun 2013	1
24	IS 8180:1992	Household laundry detergent bars-Specification (second revision)	Feb 2011	5
25	IS 8401:1994	Alkyl benzene sulphonic acid (acid slurry) (first revision)	Feb 2011	1
26	IS 8540:1986	Glass cleaner, liquid (first revision)	Feb 2011	
27	IS 9458:1994	Synthetic detergents for washing woollen and silk fabrics (first revision)	Feb 2011	3
28	IS 9985:1992	Sodium alkyl benzene sulphonate, technical (first revision)	Feb 2011	
29	IS 10513:1983	Sodium oleostearate, technical (soap noodles)	Feb 2011	
30	IS 10523:1983	Specification for Baby toilet soap	Feb 2011	5
31	IS 10536:1983	Castor oleine and castor oleo-stearine	Feb 2011	
32	IS 10758:1983	Specification for De-odorising-cum-disinfetant fluids	Jun 2013	1
33	IS 10813:1984	Specification for Soap jelly for laundry purposes	Feb 2011	
34	IS 11303:1985	Specification for Transparent toilet soap	Feb 2011	4
35	IS 11479(Part 1):2001	Antibacterial toilet soap - Specification Part 1 Solid Cake (first revision)	Nov 2011	1
36	IS 11479(Part 2):2001	Antibacterial toilet soap - Specification Part 2 Liquid	Nov 2011	1
37	IS 11601:2002	Methods of safety Evaluation of synthetic detergents - test for skin irritation and sensitization potential of synthetic detergents	Jun 2013	
38	IS 12030:1986	Specification for semi acid oil	Apr 2010	
39	IS 12031:1986	Specification for Soap Stock	Apr 2010	
40	IS 12039:1986	Specification for Spent Bleaching Earth	Apr 2010	1

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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41	IS 12767:1989	Liquid soap for cleaning painted surfaces-Specification	Feb 2011	
42	IS 12795:1989	Linear alkyl benzene-Specification	Feb 2011	2
43	IS 13370:1992	Linear fatty alcohols for surface active agents-Specification	Jun 2013	1
44	IS 13424:2001	Safety evaluation of bathing bars and toilet soaps - Methods of test (first revision)	Nov 2011	
45	IS 13498:1997	Bathing bars - Specification (first revision)	Feb 2011	2
46	IS 13760:1993	Toilet cleaner, powder-Specification	Jun 2013	1
47	IS 13933:1995	Method of test for ready biodegradability of surface active agents (Modified sturm test)	Feb 2011	
48	IS 14364:1996	Quarternary ammonium compound based surface cleaner, liquid - Specification	Jun 2013	3
49	IS 15072:2002	Sodium alpha olefin sulphonate for cosmetic detergent and other industrial use - Specification	Jun 2013	2
50	IS 15267:2003	Zeolite Detergent Grade - Specification	Jun 2013	

FINALISED DRAFTS UNDER PRINT

1	DOC.CHD 25(1861)	Specification for Baby toilet soap (first revision of IS 10523)
2	DOC.CHD 25(1951) / ISO 684:1974	Soaps- Determination of total free alkali
3	DOC.CHD 25(1953) / ISO 4319:1977	Surface active agents- Detergents for washing fabrics- Guide for comparative testing of performance
4	DOC.CHD 25(1954) / ISO 7535:1984	Surface active agents- Detergents for Domestic Machine Dishwashing Guide for comparative testing of performance

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 25(1950) / ISO 457:1983	Soaps- Determination of chloride content- Titrimetric method
2	DOC.CHD 25(2127)	Laundry soaps (fourth revision of IS 285)
3	DOC.CHD 25(2128)	Methods of sampling and test for soaps (third revision of IS 286)
4	DOC.CHD 25(2129)	Laundry soap powders-Specification (third revision of IS 2887)
5	DOC.CHD 25(2130)	Specification for Transparent toilet soap (first revision of IS 11303)
6	DOC.CHD 25(2131)	Household laundry detergent bars-Specification (third revision of IS 8180)

DRAFT STANDARDS FORMULATED

1	DOC.CHD 25(1921)	Bathing Bar (second revision of IS 13498)
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CHD 26 EXPLOSIVES AND PYROTECHNICS

SCOPE - To formulate Indian Standards for terminology, methods of sampling and test, packaging, codes of practice and specifications for commercial explosives and their accessories, pyrotechnics and fireworks preparations, safety matches and their raw materials

SI. No.	IS Number/ Reaffirm No. of	DOC Number	Title	Date	
STANDARDS PUBLISHED					
1	IS 301:1982		Specification for Potassium nitrate for explosive and pyrotechnic compositions (second revision)	Jun 2011	1
2	IS 438:2006		Aluminium powder for Explosives and Pyrotechnic Compositions - Specification (second revision)	Jun 2011	
3	IS 708:1987		Specification for Potassium chlorate for explosive and pyrotechnic industry (second revision)	Jun 2011	1
4	IS 1091:1985		Nitrocellulose (third revision)	Jun 2011	
5	IS 2012:2006		Red phosphorus - Specification (First Revision)	Jun 2011	
6	IS 2307:2004		Magnesium powder for Explosive and Pyrotechnic Compositions - Specification (second revision)	Jun 2011	
7	IS 2653:2004		Safety Matches in Boxes - Specification (Third revision)	Jun 2011	
8	IS 4396:1981		Specification for Barium Nitrate for Explosive and Pyrotechnic Compositions (first revision)	Jun 2011	1
9	IS 4668:1985		Specification for Ammonium Nitrate for Explosives (first revision)	Jun 2011	2
10	IS 5670:1984		Specification for Lead Thiocyanate for Explosive and pyrotechnic compositions (first revision)	Jun 2011	1
11	IS 5671:1984		Specification for Strontium Nitrate for pyrotechnic compositions (first revision)	Jun 2011	1
12	IS 5713:1981		Manganese Dioxide for Explosive and Pyrotechnic Compositions (first revision)	Jun 2011	
13	IS 5731:1970		Antimony Sulphide for Explosive and Pyrotechnic Compositions	Jun 2011	1
14	IS 6609(Part 1):1972		Methods of test for commercial Blasting Explosives and Accessories: Part I Gun powder	Jun 2011	
15	IS 6609(Part 2/Sec 1):1973		Methods of test for commercial Blasting Explosives and Accessories: Part II Explosives Section 1 Explosives, general	Jun 2011	
16	IS 6609(Part 2/Sec 2):1974		Methods of test for commercial Blasting Explosives and Accessories: Part II Explosives Section 2 Explosives, permitted	Jun 2011	
17	IS 6609(Part 2/Sec 3):1980		Methods of test for commercial Blasting Explosives and Accessories: Part II Explosives Section 3 Explosives, slurry	Jun 2011	
18	* IS 6609(Part 3):1973		Methods of test for commercial Blasting Explosives and Accessories: Part III Detonators, general and permitted	Sep 2013	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

19	IS 6609(Part 4):1984	Methods of test for commercial blasting explosives and accessories: Part IV Detonating fuses (first revision)	Jun 2011	
20	IS 6609(Part 5):1972	Methods of test for commercial blasting explosives and accessories: Part V Safety fuses	Jun 2011	
21	IS 7124:1973	Specification for Gun powder	Jun 2011	1
22	IS 7401:1987	Specification for Paraffin wax for Explosive and Pyrotechnic Industry (first revision)	Jun 2011	1
23	IS 7526:1996	Detonating fuse - Specification (second revision)	Sep 2013	
24	IS 7588:1992	Barytes for Explosives and Pyrotechnic Composition - Specification (first revision)	Jun 2011	
25	IS 7589:1974	Specification for China clay for Explosive and Pyrotechnic Industry	Jun 2011	
26	IS 7602:1975	Specification for chromate for Explosive and pyrotechnic compositions	Jun 2011	
27	IS 7632:1975	Specification for Detonators	Jun 2011	
28	IS 7633:1982	Specification for Calcium carbonate for Explosive and Pyrotechnic industry (first revision)	Jun 2011	1
29	IS 7738:1975	Specification for Safety Fuse for Commercial Use	Jun 2011	
30	IS 7886:1997	Barium chromate for explosive and Pyrotechnic Industry - Specification (first revision)	Jun 2011	
31	IS 8063:1976	Specification for Red Lead for Explosive and Pyrotechnic Industry	Jun 2011	1
32	IS 9600:1980	Specification for Safety matches in Booklets	Jun 2011	
33	IS 9880:1981	Specification for Wax coated Paper Splints	Jun 2011	
34	IS 10081:1981	Terms Relating to explosives Commercial Explosives, Pyrotechnic and Blasting Practices	Jun 2011	
35	IS 10126:1986	Specification for Sparklers (first revision)	Jun 2011	1
36	IS 10212(Part 1):1986	General Requirements for packages of explosives: Part 1 Commercial high explosives (first revision)	Jun 2011	1
37	IS 10373:1982	Plastic boxes for safety matches	Jun 2011	
38	IS 10821:1984	Specification for Calcium Nitrate for Explosive Industry	Jun 2011	
39	IS 10977:1984	Pentaerythritol for explosive industry	Jun 2011	1
40	IS 11483:1985	Amorces (Paper caps for toy pistols)	Jun 2011	1
41	IS 11491:1985	Blasting soluble nitrocellulose for explosives industry	Jun 2011	1

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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42	IS 11783:1986	Ferro-silicon for explosive and pyrotechnic industry	Jun 2011	
43	IS 11803:1986	Magnesium oxide for explosive ammunition protective compositions and pyrotechnic industry	Jun 2011	
44	IS 12238:1987	Colour and star matches in boxes	Jun 2011	
45	IS 12276:1988	Dextrin for explosives and pyrotechnic industry	Jun 2011	
46	IS 12437:1988	Zirconium powder for use in explosive and pyrotechnic industry	Jun 2011	1
47	IS 12630:1989	Pyrotechnics - Fireworks black serpent pellets	Jun 2011	1
48	IS 12631:1989	Pyrotechnics - Fireworks pencils	Jun 2011	1
49	IS 12632:1989	Pyrotechnics - Fireworks twinkling stars	Jun 2011	1
50	IS 12681:1989	Sodium nitrate for explosives and pyrotechnics industry	Jun 2011	
51	IS 12684:1989	Calcium Stearate for pyrotechnic Industry - Specification	Jun 2011	
52	IS 12739:1989	Fireworks conical flowerpots - Specification	Jun 2011	1
53	IS 12980:1990	Fireworks rockets - Specification	Jun 2011	1
54	IS 13227:1991	Fireworks whistles	Jun 2011	1
55	IS 13522:1992	Charcoal for Explosives and Pyrotechnic Compositions - Specification	Jun 2011	2
56	IS 13524:1992	Potassium perchlorate for explosives and pyrotechnic compositions	Jun 2011	
57	IS 13526:1992	Sodium Perchlorate solution for Explosives and Pyrotechnic Compositions	Jun 2011	
58	** IS 14784:2000	Fireworks signal Flares - Specification	Jun 2011	
59	** IS 14931:2001	Fireworks wheels - Specification	Jun 2011	
60	IS 15073(Part 1):2002	Packaging of Electric Detonators - Specification Part 1 Wooden Cases	Sep 2013	
61	IS 15073(Part 2):2008	Packaging of Electric Detonator: Part 2 Corrugated Fibreboard Case	Sep 2013	
62	IS 15074(Part 1):2002	Packaging of Non-Electric Detonators - Specification Part 1 Wooden Cases	Sep 2013	
63	IS 15447(Part 1):2004	Commercial blasting explosives Part 1 Nitroglycerine based explosives - Specification	Jun 2011	
64	IS 15447(Part 2):2008	Commercial blasting explosives Part 2 Slurry/Emulsion explosives - Specification	Sep 2013	

* INDICATES STANDARDS UNDER REVISION
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DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 26(1894)	Methods of test for commercial Blasting Explosives and Accessories: Part III Detonators, general and permitted (IS 6609 Part 3)
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** INDICATES STANDARDS UNDER REVISION
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CHD 27 THERMAL INSULATION

- SCOPE -** a) To formulate Indian Standards for terminology; methods of sampling and test; code of practice including decommissioning and disposals aspects of thermal insulating materials; specification for thermal insulation materials and cellular insulations (excluding cork and lignocellulosic materials).
 b) To co-ordinate with the work of
 i) ISO/TC 163 Thermal performance and energy use in the built environment

SI. No.	IS Number/ Reaffirm No. of	DOC Number	Title	Date	
STANDARDS PUBLISHED					
1	* IS 661:2000		Thermal insulation of cold storages -Code of practice(Third Revision)	Mar 2013	
2	IS 3069:1994		Glossary of terms, symbols and units relating to thermal insulation materials (first revision)	Feb 2011	
3	IS 3144:1992		Mineral wool thermal insulation materials - Method of test (Second Revision)	Feb 2011	2
4	IS 3346:1980		Method of the determination of thermal conductivity of thermal insulation materials (two slab, guarded hot-plate method) (first revision)	May 2010	
5	IS 3677:1985		Specification for Unbonded rock and slag wool for thermal insulation (second revision) (Superseding IS:5696)	Feb 2011	1
6	IS 4671:1984		Specification for Expanded polystyrene for thermal insulation purposes (first revision)	May 2010	
7	IS 5688:1982		Methods of test for preformed block-type and pipe covering type thermal insulation (first revision)	May 2010	1
8	IS 5724:1970		Methods of test for thermal insulating cements	May 2010	
9	IS 6598:1972		Specification for Cellular concrete for thermal insulation	May 2010	2
10	IS 7509:1993		Thermal insulating cement - Specification (first revision)	May 2010	1
11	IS 8154:1993		Preformed calcium silicate insulation (for temperature upto 650degC) - Specification (first revision)	Feb 2011	2
12	IS 8183:1993		Bonded mineral wool - Specification (first revision)	Feb 2011	3
13	IS 9403:1980		Method of test for thermal conductance and transmittance of built up sections by means of guarded hot box	May 2010	
14	IS 9428:1993		Preformed calcium silicate insulation (for temperature upto 950degC) - Specification (first revision)	Feb 2011	2
15	IS 9489:1980		Method of test for thermal conductivity of thermal insulation materials by means of heat flow meter	Feb 2011	1
16	IS 9490:1980		Method for determination of thermal conductivity of thermal insulation materials (water colorimeter method)	Feb 2011	1
17	IS 9742:1993		Sprayed mineral wool thermal insulation - Specification (first revision)	Feb 2011	2

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18	IS 9743:1990	Thermal insulation finishing cements - Specification (first revision)	Feb 2011	
19	IS 9842:1994	Preformed fibrous pipe insulation - Specification (first revision)	Feb 2011	2
20	IS 10555:2002	Exfoliated vermiculite - Specification (first revision)	Mar 2013	
21	* IS 10556:1983	Code of practice for storage and handling of insulation materials	Feb 2011	
22	IS 11128:1984	Specification for Spray- applied hydrated calcium silicate thermal insulation	May 2010	
23	IS 11129:1984	Method of test for tumbling friability of preformed block-type thermal insulation	May 2010	
24	IS 11239(Part 1):2009 / ISO 1923:1981	Method of test for rigid cellular thermal insulation materials Part 1 Dimensions (First Revision)	Jun 2014	
25	IS 11239(Part 2):2009 / ISO 845:1998	Method of test for rigid cellular thermal insulation materials Part 2 Apparent Density (First Revision)	Jun 2014	
26	IS 11239(Part 3):2009 / ISO 2796:1986	Method of test for rigid cellular thermal insulation materials Part 3 Dimensional stability (first revision)	Jun 2014	
27	* IS 11239(Part 4):1985	Method of test for rigid cellular thermal insulation materials Part 4 Water vapour transmission rate	Feb 2011	
28	IS 11239(Part 5):2009 / ISO 4590:2002	Method of test for rigid cellular thermal insulation materials Part 5 Volume percent of open and closed cells (First Revision)	Jun 2014	
29	IS 11239(Part 6):1985	Method of test for rigid cellular thermal insulation materials Part 6 Heat distortion temperature	Mar 2013	
30	IS 11239(Part 7):1985	Method of test for rigid cellular thermal insulation materials Part 7 Coefficient of linear thermal expansion at low temperatures	Mar 2013	
31	IS 11239(Part 8):1985	Method of test for rigid cellular thermal insulation materials Part 8 Flame height, time of burning and loss of mass	Mar 2013	
32	IS 11239(Part 9):1988	Method of test for rigid cellular thermal insulation materials Part 9 Water absorption	Mar 2013	
33	IS 11239(Part 10):1985	Method of test for rigid cellular thermal insulation materials Part 10 Flexural strength	Mar 2013	
34	IS 11239(Part 11):1985	Method of test for rigid cellular thermal insulation materials Part 11 Compressive strength	Mar 2013	
35	IS 11239(Part 12):1988	Method of test for rigid cellular thermal insulation materials Part 12 Horizontal burning characteristics	Mar 2013	
36	IS 11239(Part 13):1992	Method of test for rigid cellular thermal insulation materials Part 13 Determination of flammability by oxygen index	Mar 2013	
37	IS 11307:1985	Specification for Cellular glass block and pipe thermal insulation	Feb 2011	
38	IS 11308:1985	Specification for Hydraulic Setting Thermal insulating castables for temperatures upto 1 250degC	Feb 2011	

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39	IS 12432(Part 1):1988	Code of practice for application of spray applied insulation Part 1 Mineral fibre	Feb 2011	
40	IS 12432(Part 2):1999	Application of spray applied insulation - Code of practice Part 2 Calcium silicate	Feb 2011	
41	IS 12432(Part 3):2002	Application of spray applied insulation - Code of Practice Part 3 Polyurethane/Polyisocyanurate	Mar 2013	1
42	IS 12436:1988	Specification for preformed rigid polyurethane (PUR) and polyisocyanurate (PIR) foams for thermal	Feb 2011	1
43	IS 13204:1991	Rigid phenolic foam for thermal insulation - Specification	Feb 2011	1
44	IS 13205:1991	Code of practice for the application of polyurethane insulation by the in-situ pouring method	Feb 2011	
45	IS 13286:1992	Surface spread of flame for thermal insulation materials - Methods of test	Feb 2011	1
46	IS 14164:2008	Industrial application and finishings of thermal insulation materials at temperatures above -80 deg C and up to 750 deg C - Code of practice (First Revision)	Mar 2013	
47	IS 14656:1999	Ceramic fibre products - Methods of test	May 2010	
48	IS 15402:2003	Ceramic fibre blanket insulation - Specification	Mar 2013	1

FINALISED DRAFTS UNDER PRINT

1	DOC.CHD 27(1886)	Code of Practice for storage and handling of Thermal Insulation Materials (first revision of IS 10556)		
2	DOC.CHD 27(1534)	Method of test for rigid cellular thermal insulation materials Part 4 Water vapor transmission rate (First revision of IS 11239(Pt 4))		
3	DOC.CHD 27(1772)	Specification for Prefabricated Polyurethane Sandwich Panels		

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 27(1794)	Thermal insulation of cold storages -Code of practice(Fourth Revision of IS 661)		
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CHD 30 NUCLEAR ENERGY FOR PEACEFULL APPLICATIONS

- SCOPE -** a) To formulate Indian Standards for Nuclear Energy (for peaceful applications) for terminology, units and symbols, specifications in the field such as :
- * materials for nuclear services (radioactive and non-radioactive), methods of sampling and test for physical, chemical and isotopic analysis of various radioactive materials, specifications for nuclear grade chemicals,
 - * Radiological protection - specifications for personal protective equipments & their calibration.
 - * nuclear energy including nuclear fuel cycle & technology and reactor technology.
 - * Safety and environment surveillance.
- b) To coordinate with the work of
- ISO/TC 85 Nuclear Energy and its subcommittees.

Sl. No.	IS Number/ DOC Number	Title	Date
Reaffirm	No. of		
STANDARDS PUBLISHED			
1	IS 14194(Part 1):2013	Radionuclides in environmental samples - Method of estimation: Part 1 Gross beta activity measurement (First Revision)	
2	IS 14194(Part 2):2013	Radionuclides in environmental samples - Method of estimation: Part 2 Gross alpha activity measurement (First Revision)	
3	IS 14194(Part 3):1994	Radionuclides in environmental samples - Method of estimation : Part 3 Uranium	Mar 2014
4	IS 14194(Part 4):1994	Radionuclides in environmental samples - Method of estimation : Part 4 Radium	Mar 2014
5	IS 14194(Part 5):2013	Radionuclides in Environmental Samples - Method of Estimation Part 5: Methods of Sampling	
6	IS 15810:2008	Lithium penta borate - Specification	May 2013
7	IS 15837:2009	Anhydrous diboron trioxide - Specification	Mar 2014
8	IS 15850:2009	Nuclear Grade Boron carbide - Specification	Mar 2014
9	IS 15854:2009	Nuclear grade Ion exchange resins - Specification	Mar 2014

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 30(2134) / ISO 2889 : 2010	Sample airborne radioactive materials from the stacks and ducts of nuclear facilities
2	DOC.CHD 30(2135) / ISO 8769 : 2010	Reference sources- Calibration of surface contamination monitors - Alpha-,beta- and photon emitters
3	DOC.CHD 30(2042) / ISO 6527:1982	IS-----/ISO 6527:1982 Nuclear Power Plant - Reliability data exchange - General guidelines
4	DOC.CHD 30(2043) / ISO 7385:1983	IS-----/ISO 7385:1983 Nuclear Power Plant - Guidelines to ensure quality of collected data on reliability
5	DOC.CHD 30(2044) / ISO 8107:1993	IS-----/ISO 8107:1993 Nuclear Power Plant - Maintainability - Terminology

* INDICATES STANDARDS UNDER REVISION
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CHD 32 ENVIRONMENT PROTECTION AND WASTE MANAGEMENT (EXCLUDING BIOMEDICAL AND NUCLEAR WASTE)

SCOPE - a) To formulate Indian Standards for

- i) Terminology, methods of sampling and characterization of ambient air, industrial emission, water, soil, sewage, industrial effluents, solid waste including e-waste;
- ii) Guidelines for control of pollution of air at source, water and land;
- iii) Codes on waste minimization , recycling, reuse, treatment and disposal of wastes; and
- iv) Characterization and classification of wastes, guidelines and codes of practice for waste disposal.

b) To co-ordinate with the work of

- i) ISO/TC 146 Air Quality,
- ii) ISO/TC 147 Water Quality

Sl. No.	IS Number/ DOC Number	Title	Date
Reaffirm	No. of		
STANDARDS PUBLISHED			
1	IS 1622:1981	Method of sampling and microbiological examination of water (first revision)	May 2009 4
2	IS 3025(Part 1):1987	Methods of sampling and test (physical and chemical) for water and wastewater Part 1 - Sampling (first revision)	May 2009 1
3	IS 3025(Part 2):2004 / ISO 11885:1996	Methods of sampling and test (physical and chemical) for water and wastewater : Part 2 Determination of 33 elements by inductivity coupled plasma atomic emission spectroscopy	May 2009
4	IS 3025(Part 3):1987	Methods of sampling and test (physical and chemical) for water and wastewater :Part 3 Precision and accuracy test (first revision)	May 2009 1
5	IS 3025(Part 4):1983	Methods of sampling and test (physical and chemical) for water and wastewater :Part 4 Colour (first revision)	Mar 2012 1
6	IS 3025(Part 5):1983	Methods of sampling and test (physical and chemical) for water and wastewater :Part 5 Odour (first revision)	Mar 2012
7	IS 3025(Part 6):1983	Methods of sampling and test (physical and chemical) for water and wastewater :Part 6 Odour threshold (first revision)	Mar 2012
8	IS 3025(Part 7):1984	Methods of sampling and test (physical and chemical) for water and wastewater :Part 7 Taste threshold (first revision)	Mar 2012
9	IS 3025(Part 8):1984	Methods of sampling and test (physical and chemical) for water and wastewater :Part 8 Taste rating (first revision)	Mar 2012
10	IS 3025(Part 9):1984	Methods of sampling and test (physical and chemical) for water and wastewater :Part 9 Temperature (first revision)	Mar 2012
11	IS 3025(Part 10):1984	Methods of sampling and test (physical and chemical) for water and wastewater :Part 10 Turbidity (first revision)	Mar 2012

* INDICATES STANDARDS UNDER REVISION
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12	* IS 3025(Part 11):1983	Methods of sampling and test (physical and chemical) for water and wastewater :Part 11 pH value (first revision)	Mar 2012	
13	IS 3025(Part 14):2013 / ISO 7888:1985	Methods of sampling and test (Physical and Chemical) for Water and Waste Water: Part 14 Specific Conductance (Wheatstone Bridge, Conductance Cell) [Second revision of IS 3025(Part 14)]		
14	IS 3025(Part 15):1984	Methods of sampling and test (physical and chemical) for water and wastewater :Part 15 Total residue (total solids-dissolved and suspended) (first revision)	May 2009	1
15	IS 3025(Part 16):1984	Methods of sampling and test (physical and chemical) for water and wastewater :Part 16 Filterable residue (total dissolved solids) (first revision)	Mar 2012	1
16	IS 3025(Part 17):1984	Methods of sampling and test (physical and chemical) for water and wastewater :Part 17 Non-filterable residue (total suspended solids (first revision)	Mar 2012	1
17	IS 3025(Part 18):1984	Methods of sampling and test (physical and chemical) for water and wastewater :Part 18 Volatile and fixed residue (total filterable and non-filterable) (firstrevision)	Mar 2012	1
18	IS 3025(Part 19):1984	Methods of sampling and test (physical and chemical) for water and wastewater :Part 19 Settleable matter (first revision)	Mar 2012	
19	IS 3025(Part 20):1984	Methods of sampling and test (physical and chemical) for water and wastewater :Part 20 Dispersion characteristics (flow patterns) (first revision)	Mar 2012	
20	IS 3025(Part 21):2009	Methods of sampling and test (physical and chemical) for water and wastewater :Part 21 Hardness (second revision)		
21	IS 3025(Part 22):1986	Methods of sampling and test (physical and chemical) for water and wastewater :Part 22 Acidity (first revision)	May 2009	
22	IS 3025(Part 23):1986	Methods of sampling and test (physical and chemical) for water and wastewater :Part 23 Alkalinity (first revision)	May 2009	2
23	IS 3025(Part 24):1986	Methods of sampling and test (physical and chemical) for water and wastewater :Part 24 Sulphates (first revision)	May 2009	
24	IS 3025(Part 25):1986	Methods of sampling and test (physical and chemical) for water and wastewater :Part 25 Chlorine, demand (first revision)	May 2009	
25	IS 3025(Part 26):1986	Methods of sampling and test (physical and chemical) for water and wastewater :Part 26 Chlorine, residual (first revision)	May 2009	1
26	IS 3025(Part 27):1986	Methods of sampling and test (physical and chemical) for water and wastewater :Part 27 Cyanide (first revision)	May 2009	1
27	IS 3025(Part 28):1986	Methods of sampling and test (physical and chemical) for water and wastewater :Part 28 Sulphite (first revision)	May 2009	
28	IS 3025(Part 29):1986	Methods of sampling and test (physical and chemical) for water and wastewater :Part 29 Sulphide (first revision)	May 2009	
29	IS 3025(Part 30):1988	Methods of sampling and test (physical and chemical) for water and wastewater :Part 30 Bromide (first revision)	May 2009	

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30	IS 3025(Part 31):1988	Methods of sampling and test (physical and chemical) for water and wastewater :Part 31 Phosphorus (first revision)	May 2009	
31	IS 3025(Part 32):1988	Methods of sampling and test (physical and chemical) for water and wastewater :Part 32 Chloride (first revision)	May 2009	
32	IS 3025(Part 33):2009	Methods of sampling and test (physical and chemical) for water and wastewater :Part 33 Iodide (second revision)		
33	IS 3025(Part 34):1988	Methods of sampling and test (physical and chemical) for water and wastewater :Part 34 Nitrogen (first revision)	May 2009	
34	IS 3025(Part 35):1988	Methods of sampling and test (physical and chemical) for water and wastewater :Part 35 Silica (first revision)	May 2009	
35	IS 3025(Part 36):1987	Methods of sampling and test (physical and chemical) for water and wastewater :Part 36 Ozone (first revision)	May 2009	
36	IS 3025(Part 37):1988	Methods of sampling and test (physical and chemical) for water and wastewater :Part 37 Arsenic (first revision)	May 2009	
37	IS 3025(Part 38):1989	Water and wastewater - Methods of sampling and test (physical and chemical) : Part 38 Dissolved oxygen(first revision)	May 2009	
38	IS 3025(Part 39):1991	Methods of sampling and test (physical and chemical) for water and waste water : Part 39 Oil and grease(first revision)	May 2009	2
39	IS 3025(Part 40):1991	Water and waste water : Methods of sampling and test (physical and chemical) : Part 40 Calcium (first revision)	May 2009	1
40	IS 3025(Part 41):1992	Methods of sampling and test (physical and chemical) for water and wastewater :Part 41 Cadmium (first revision)	May 2009	
41	IS 3025(Part 42):1992	Methods of sampling and test (physical and chemical) for water and wastewater :Part 42 Copper (first revision)	May 2009	1
42	IS 3025(Part 43):1992	Methods of sampling and test (physical and chemical) for water and waste water : Part 43 Phenols (first revision)	May 2009	2
43	IS 3025(Part 44):1993	Methods of sampling and test (physical and chemical) for water and waste water : Part 44 Biochemical Oxygen Demand (first revision)	May 2009	1
44	IS 3025(Part 45):1993	Methods of sampling and test (physical and chemical) for water and wastewater :Part 45 Sodium and potassium(first revision)	May 2009	1
45	IS 3025(Part 46):1994	Methods of sampling and test (physical and chemical) for water and wastewater :Part 46 Magnesium(first revision)	May 2009	2
46	IS 3025(Part 47):1994	Methods of sampling and test (physical and chemical) for water and wastewater :Part 47 Lead(first revision)	May 2009	2
47	IS 3025(Part 48):1994	Methods of sampling and test (physical and chemical) for water and wastewater :Part 48 Mercury(first revision)	May 2009	1
48	IS 3025(Part 49):1994	Methods of sampling and test (physical and chemical) for water and wastewater -Part 49 Zinc(first revision)	May 2009	1

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49	IS 3025(Part 50):2001	Methods of sampling and test (physical and chemical) for water and wastewater Part 50 Jar test (Coagulation test)(first revision)	Mar 2012
50	IS 3025(Part 51):2001	Methods of sampling and test (physical and chemical) for water and wastewater - Part 51 Carbonate and Bicarbonate(first revision)	Mar 2012
51	IS 3025(Part 52):2003	Methods of Sampling; and Test (Physical and Chemical) for Water and Waste water Part 52 Chromium(first revision)	May 2009
52	IS 3025(Part 53):2003	Methods of sampling and Test (Physical and Chemical) for Water and Waste water Part 53 Iron(first revision)	May 2009
53	IS 3025(Part 54):2003	Methods of sampling and (Physical and chemical) for water and waste water Part 54 Nickel(first revision)	May 2009
54	IS 3025(Part 55):2003	Methods of sampling and test (Physical and chemical) for water and waste water Part 55 Aluminium (first	May 2009
55	IS 3025(Part 56):2003	Methods of Sampling and Test (Physical and Chemical) for Water and Waste water Part 56 Selenium (first revision)	May 2009
56	IS 3025(Part 57):2005	Methods of Sampling and Test (Physical and Chemical) for Water and Waste water Part 57 Boron.(first revision)	May 2010
57	IS 3025(Part 58):2006	Methods of sampling and test (physical and chemical) for water and waste water: Part 58 Chemical oxygen	Mar 2012
58	IS 3025(Part 59):2006	Methods of sampling and test(Physical and chemical)for water and waste water Part 59 Manganese(first revision)	Mar 2012
59	IS 3025(Part 60):2008	Methods of sampling and test (Physical and chemical) for water and waste water Part 60 Fluoride (first revision)	Aug 2013
60	IS 3025(Part 61):2008	Methods of sampling and test (Physical and chemical)for water and waste water Part 61 Total and free carbon dioxide (first revision of IS:3025)	Aug 2013
61	IS 3025(Part 62):2006	Methods of sampling and test(Physical and chemical) for water and wastewater Part 62 Tannins(first	Mar 2012
62	IS 3025(Part 63):2007	Methods of sampling and test (Physical and Chemical) for water and wastewater Part 63 Oxygen absorbed in 4 hours(first revision)	Aug 2013
63	IS 3550:1965	Methods of test for routine control for water used in industry	May 2009 2
64	IS 4167:1980	Glossary of terms relating to air pollution (first revision)	May 2009
65	IS 5182(Part 1):2006	Methods for measurement of air pollution Part 1 Dust fall (first revision)	Mar 2012
66	IS 5182(Part 2):2001	Methods for measurement of air pollution : Part 2 Sulphur dioxide (first revision)	Mar 2012
67	IS 5182(Part 3):1970	Methods for measurement of air pollution : Part 3 Radioactivity (particulate in air)	May 2009

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68	IS 5182(Part 4):1999	Methods for measurement of air pollution : Part 4 Suspended particulate matter (first revision)	May 2010	
69	IS 5182(Part 5):1975	Methods for measurement of air pollution : Part 5 Sampling of gaseous pollutants	May 2009	
70	IS 5182(Part 6):2006	Methods for measurement of air pollution : Part 6 Oxides of nitrogen(first revision)	Mar 2012	
71	IS 5182(Part 7):1973	Methods for measurement of air pollution : Part 7 Hydrogen sulphide	May 2009	1
72	IS 5182(Part 8):1976	Methods for measurement of air pollution : Part 8 Sulphation rate	May 2009	1
73	IS 5182(Part 9):1974	Methods for measurement of air pollution : Part 9 Oxidants	May 2009	
74	IS 5182(Part 10):1999	Methods for measurement of air pollution : Part 10 Carbon monoxide (first revision)	May 2009	
75	IS 5182(Part 11):2006	Methods for measurement of air pollution : Part 11 Benzene, Toluene and Xylene (BTX) (Second Revision)	Mar 2012	
76	IS 5182(Part 12):2004	Methods for measurement of air pollution : Part 12 Polynuclear aromatic hydrocarbons(PAHs) in air particulate matter(first revision)	May 2009	
77	IS 5182(Part 13):1991	Methods of measurement of air pollution : Part 13 Total fluorides in ambient air	May 2009	
78	IS 5182(Part 14):2000	Methods for measurement of air pollution : Part 14 Guidelines for planning the sampling of atmosphere (second revision)	May 2010	
79	IS 5182(Part 15):1974	Methods for measurement of air pollution : Part 15 Mass concentration of particulate matter in the atmosphere	May 2009	1
80	IS 5182(Part 16):1980	Methods for measurement of air pollution : Part 16 Recommended practice for collection by filtration and determination of mass, number and optical sizing of atmospheric particulates	May 2009	
81	IS 5182(Part 17):1979	Methods for measurement of air pollution : Part 17 C1 to C5 hydrocarbons in air by gas chromatography	May 2009	
82	IS 5182(Part 18):1974	Methods for measurement of air pollution : Part 18 Continuous analysis and automatic recording of the oxidant content of the atmosphere	May 2009	
83	IS 5182(Part 19):1982	Methods for measurement of air pollution : Part 19 Chlorine	May 2009	
84	IS 5182(Part 20):1982	Methods for measurement of air pollution : Part 20 Carbon disulphide	May 2009	
85	IS 5182(Part 21):2001	Methods of measurement of air pollution - Part 21: Non methane hydrocarbons in air by gas chromatography	Mar 2012	
86	IS 5182(Part 22):2004	Methods for measurement of air pollution:Part 22 Lead	May 2009	
87	IS 5182(Part 23):2006	Method for measurement of Air Pollution Part 23 Respirable suspended particulate matter (PM 10), Cyclonic flow technique	Mar 2012	

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88	IS 6582:1971	Bio-assay methods for evaluating acute toxicity of Industrial Effluents and wastewaters	May 2009	
89	IS 6582(Part 2):2001	Bio-assay Method for Evaluating Acute Toxicity of industrial Effluents and waste water Part 2 Using Toxicity Facctor to zebra fish (Brachydanio rerio)	Aug 2013	2
90	IS 7022(Part 1):1973	Glossary of terms relating to water, sewage and industrial effluents, Part I	May 2009	
91	IS 7022(Part 2):1979	Glossary of terms relating to water, sewage and Industrial Effluents, Part II	May 2009	
92	IS 7967:1976	Criteria for controlling pollution of marine coastal areas	May 2009	1
93	IS 8032:1976	Guide for treatment of distillery effluents	May 2009	
94	IS 8073:1976	Guide for treatment and disposal of steel plant effluents	May 2009	
95	IS 8682:1977	Guide for treatment and disposal of effluents of dairy industry	May 2009	
96	IS 9078:1979	Code for use of Ringelmann and miniature smoke charts	May 2009	
97	IS 9234:1979	Methods for preparation of solid waste sample for chemical and microbiological analysis	May 2009	
98	IS 9235:1979	Method for determination of moisture in solid wastes (Excluding Industrial Wastes)	May 2009	1
99	IS 9427:1980	Code of practice for operation and maintenance of deionizing columns	May 2009	
100	IS 9508:1980	Guide for treatment and disposal of effluents of cotton and synthetic textile industry	May 2009	
101	IS 9509:1980	Guide for teatment and disposal of effluents of viscose rayon industry	May 2009	
102	IS 9569:1980	Glossary of terms relating to solid wastes	May 2009	
103	IS 9620:1980	Guide for Units Used in Air Quality Measurement	May 2009	
104	IS 9841:1981	Guide for treatment and disposal of effluents of fertilizer industry	May 2009	
105	IS 10044:1981	Guide for treatment and disposal of effluents of petroleum refining industry	May 2009	
106	IS 10153:1982	Guidelines for Utilization and Disposal of Fly Ash	May 2009	
107	IS 10158:1982	Method for Analysis of solid wastes (Excluding Industrial wastes)	May 2009	
108	IS 10179:1982	Code of practice for control of air pollution in petroleum refineries	May 2009	
109	IS 10447:1983	Guidelines for utilization and disposal of solid waste from integrated steel plants	May 2009	

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** INDICATES STANDARDS TO BE REVISED
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110	IS 10495:1983	Guide for treatment and disposal of effluents of wool processing industry	May 2009
111	IS 11255(Part 1):1985	Methods for measurement of emissions from stationary sources : Part 1 Particulate matter	May 2009
112	IS 11255(Part 2):1985	Methods for measurement of emissions from stationary sources : Part 2 Sulphur dioxide	May 2009
113	IS 11255(Part 3):2008	Methods for measurement of emissions from stationary sources : Part 3 Flow rate (first revision)	Aug 2013
114	IS 11255(Part 4):2006	Method for measurement of emission from stationary sources : Part 4 Hydrogen Sulphide and Carbon disulphide(first revision)	Mar 2012
115	IS 11255(Part 5):1990	Methods for measurement of emissions from stationary sources : Part 5 Total fluorides	May 2009
116	IS 11255(Part 6):1999	Methods of measurement of emission from stationery sources Part 6 Ammonia	May 2009
117	IS 11255(Part 7):2005	Methods for measurement of emission from stationary sources: Part 7 Oxides of Nitrogen	Mar 2012
118	IS 11304:1985	Code of practice for control of air pollution in iron and steel plants	May 2009
119	IS 11490:1985	Methods of radiological test for water	May 2009
120	IS 12002:1987	Code of practice for control of air pollution from cement plants	May 2009
121	IS 12112:1987	Code of practice for control of air pollution in refractories industry	May 2009
122	IS 12185:1987	Code of practice for control of air pollution in integrated aluminium industries	May 2009
123	IS 12647:1989	Solid waste management sysetme collection equipments - Guidelines	May 2009
124	IS 12662(Part 1):1989	Guidelines for use of vehicles for collectiion of municipal solid wastes : Part1 Selection of vehicles	May 2009
125	IS 12662(Part 2):2002	Vehicles for collectiion of municipal solid wastes : Part 2 Guidelines for maintenance.	Aug 2013
126	IS 13270:1992	Test for gases by orsat and chromatographic methods - methods	May 2009
127	IS 15206:2002 / ISO 8760	Work-place air - Determination of mass concentration of carbon monoxide - Method using detector tubes for short-term sampling with direct indication	Aug 2013
128	IS 15207:2002 / ISO 9486	Workplace air - Determination of vaporous chlorinated hydrocarbons - Charcol tube/solvant desorption/gas chromatographic method	Aug 2013
129	IS 15209:2002 / ISO 8761	Work-place air-Determination of mass concentration of nitrogen dioxide - Method using detector tubes for short-term sampling with direct indication	Aug 2013
130	IS 15210:2002 / ISO 8762	Workplace air - Determination of vinyl chloride - Charcoal tube/gas chromatographic method	Aug 2013

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

131	IS 15211:2002 / ISO 9487	Workplace air - Determination of vaporous aromatic hydrocarbons - Charcoal tube/solvent desorption/gas chromatographic method	Aug 2013
132	IS 15309:2003 / ISO 8518	Workplace air - Determination of particulate lead and lead compounds - Flame or Electrothermal atomic absorption spectrometric method	May 2009

FINALISED DRAFTS UNDER PRINT

1	DOC.CHD 32(1679) / ISO 17734-1:2006	Determination of Organ nitrogen Compounds in Air using Liquid Chromatography and Mass Spectrometry- Part 1: Isocyanates using Dibutylamine Derivatives
2	DOC.CHD 32(1680) / ISO 17734-2:2006	Determination of Organ nitrogen Determination of Organ nitrogen Compounds in Air using Liquid Chromatography and Mass Spectrometry- Part 2 Amines and Aminoisocyanates using Dibutylamine and Ethyl Chloroformate Derivatives
3	DOC.CHD 32(1838)	Methods of sampling and Test (Physical and Chemical) for water and wastewater Part 64 Application of Inductively Coupled Plasma Mass Spectrometry (ICP-MS): General Guidelines
4	DOC.CHD 32(1839)	Methods of sampling and Test (Physical and Chemical) for water and wastewater Part 65 Application of Inductively Coupled Plasma Mass Spectrometry (ICP-MS): Determination of 62 Elements

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.CHD 32(1843)	Amendment no.1 to IS 5182 (Part 6):2006
2	DOC.CHD 32(1923)	Amendment No. 1 to IS 5182 (Part 2): 2001
3	DOC.CHD 32(1544)	Solid waste management in the fertilizer industry - Code of practice

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 32(1675) / ISO 11041:1996	Workplace Air- Determination of Particulate Arsenic and Arsenic compounds and Arsenic Trioxide Vapour- Methods by Hydride Generation and Atomic Absorption Spectrometry
2	DOC.CHD 32(1676) / ISO 11174:1996	Workplace Air- Determination of Particulate Cadmium and Cadmium compounds - Flame and Electrothermal Atomic Absorption Spectrometric Method
3	DOC.CHD 32(1677) / ISO 16740:2005	Workplace Air- Determination of Hexavalent Chromium in Airborne Particulate Matter - Methods by Ion Chromatography and Spectrophotometric Measurement using Diphenyl Carbazide
4	DOC.CHD 32(1678) / ISO 17733:2004	Workplace Air- Determination of Mercury and Inorganic Mercury Compounds- Methods by cold Vapour Atomic Absorption Spectrometry or Atomic Fluorescence Spectrometry
5	DOC.CHD 32(1837) / ISO 9562:2004	Water Quality - Determination of Adsorbable Organically Bound Halogens (AOX)

DRAFT STANDARDS FORMULATED

1	DOC.CHD 32(1856)	Methods for Measurement of Air Pollution- Part 24 - Ozone IS 5182
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* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

CHD 34 ENVIRONMENTAL MANAGEMENT

- SCOPE** - i) To formulate Indian Standards in the field of Environment Management tools and systems excluding:
 Test methods of pollutant
 Setting limit values regarding pollutants of effluents
 Setting environmental performance levels
 Standardization of products
 ii) To formulate Indian standards in the field of Carbondioxide Capture, Transportation and Geological Storage..

SI. No.	IS Number/ DOC Number	Title	Date
Reaffirm	No. of		
STANDARDS PUBLISHED			
1	IS 14001:2004 / ISO 14001:2004	Environmental management systems -Requirements with guidance for use (first revision)	1
2	IS 14004:2004 / ISO 14004:2004	Environmental management systems - General guidelines on principles, systems and support techniques(first revision)	
3	IS 14005:2010 / ISO 14005	Environmental management systems - Guidelines for the phased implementation of an environmental management system, including the use of environmental performance evaluation	
4	IS 14015:2001 / ISO 14015:2001	Environmental Management-Environmental assessment of sites and organizations (EASO)	
5	IS 14020:2000 / ISO 14020:2000	Environmental labels and declarations - General principles (First Revision)	
6	IS 14021:1999 / ISO 14021:1999	Environmental labels and declarations-Self-declared environmental claims (Type II Environmental labelling)	
7	IS 14024:1999 / ISO 14024:1999	Environmental labels and declarations - Type I Environmental labelling - Principles and procedures	
8	IS 14025:2006 / ISO 14025:2006	Environmental labels and declarations - Type III environmental declarations - Principles and	
9	IS 14031:1999 / ISO 14031:1999	Environmental management - Environmental performance evaluation-Guidelines	
10	IS 14040:2006 / ISO 14040:2006	Environmental Management - Life cycle assessment - Principles and framework (first revision) (superseding IS/ISO14041: 1998, IS/ISO 14042:2000 and IS/ISO 14043:2000)	
11	IS 14044:2006 / ISO 14044:2006	Environmental management - Life cycle assessment - Requirements and guidelines (Superseding IS/ISO 14041:1998, IS/ISO 14042:2000, IS/ISO 14043:2000)	
12	IS 14050:2002 / ISO 14050	Environmental Management - Vocabulary	1
13	IS 14051:2011 / ISO 14051	Environmental Management - Material flow cost accounting - General framework	
14	IS 14063:2006 / ISO 14063:2006	Environmental management - Environmental communication - Guidelines and examples	
15	IS 14064(Part 1):2006 / ISO 14064-1	Greenhouse gases Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals	

* INDICATES STANDARDS UNDER REVISION
 / INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
 / INDICATES EQUIVALENT STANDARDS

- | | | |
|----|--|--|
| 16 | IS 14064(Part 3):2006
/ ISO 14064-3 | Greenhouse gases Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions |
| 17 | IS 14064(Part 2):2006
/ ISO 14064-2 | Greenhouse gases - Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements |
| 18 | IS 14065:2007
/ ISO 14065:2007 | Greenhouse gases - Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition. |

FINALISED DRAFTS UNDER PRINT

- | | | |
|---|--------------------------------------|--|
| 1 | DOC.CHD 34(1822)
/ Guide 64 | Guide 64 - Guide for Addressing Environmental Issues in Product Standards |
| 2 | DOC.CHD 34(1961)
/ ISO 14066 | Greenhouse gases - Competence Requirements for Greenhouse gas validation terms & verification term |
| 3 | DOC.CHD 34(2132)
/ ISO 14065:2013 | Greenhouse gases - Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition. (First revision) |

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

- | | | |
|---|---------------------------------|---|
| 1 | DOC.CHD 34(1959)
/ ISO 14006 | Environmental Management Systems - Guidelines for |
| 2 | DOC.CHD 34(1963) | Amendment no.1 to IS /ISO 14021:1999 |

ANNEX I

STANDARDS WITHDRAWN / SUPERSEDED

Sl. No.	Committee No.	IS No./ DOC Number	Title
1	1	IS 257:1950	Magnesium sulphate (epsom salt), technical (superseded by IS 2730)
2	1	IS 295:1951	Bleaching powder, unstabilized (withdrawn)
3	1	IS 331:1951	Chrome salt (withdrawn)
4	1	IS 332:1967	Chromium potassium sulphate (chrome alum) (first revision) (withdrawn)
5	1	IS 377:1954	Epsom salt, pharmaceutical (withdrawn)
6	1	IS 378:1952	Potash alum, pharmaceutical (withdrawn)
7	1	IS 379:1952	Anhydrous sodium sulphate, pharmaceutical (superseded by IS 255)
8	1	IS 491:1954	Sodium bicarbonate, pure and analytical reagent (superseded by IS 2124)
9	1	IS 492:1954	Sodium bicarbonate, refined (tentative) (superseded by IS 2124)
10	1	IS 559:1954	Chromic trioxide (chromic acid) (superseded by IS 330)
11	1	IS 572:1954	Disodium phosphate dodecahydrate, technical (withdrawn)
12	1	IS 1021:1964	Caustic soda, pure (revised) (superseded by IS 252)
13	1	IS 1022:1956	Kotka phosphate (withdrawn)
14	1	IS 1023:1956	Dicalcium phosphate (withdrawn)
15	1	IS 1092:1957	China clay for textile and paper industries (withdrawn)
16	1	IS 1334:1958	Calcium chloride, technical (withdrawn)
17	1	IS 1744:1970	Stannic chloride anhydrous, technical (first revision) (withdrawn)
18	1	IS 1808:1961	Hydrated lime for grease manufacture {superseded by IS 1540(Part II)}
19	1	IS 1845:1964	Common salt for butter and cheese industry (superseded by IS 253)
20	1	IS 2035:1961	Free-flowing table salt (superseded by IS 253)
21	1	IS 2290:1962	Zinc sulphate for electroplating (superseded by IS 1880)
22	1	IS 3027:1964	Zinc cyanide for electroplating (superseded by IS 1880)
23	1	IS 3225:1965	Methods for preparation of buffer solutions
24	1	IS 4284:1967	Method for volumetric determination of iron
25	1	IS 4542:1968	Colorimetric methods for determination of iron
26	1	IS 5381:1969	Quantity packaging of sensitized photographic materials (withdrawn)
27	1	IS 5431:1979	Flammability requirements for motion picture safety films (first revision) (withdrawn)
28	1	IS 5741:1970	Method for determination of pH
29	1	IS 9380:1979	Pyrites for chemical industry (withdrawn)
30	6	IS 3551:1965	Pure nitrogen (dry) (superseded by IS 1747)
31	8	IS 4607:1968	Code of safety for hazardous chemicals (Withdrawn)
32	8	IS 8089:1976	Code of safe practice for layout of outside facilities in an industrial plant (superseded by IS 8091:2008)
33	8	IS 8318:1977	Colour identification markings for air purifying canisters and cartridges(Withdrawn)
34	8	IS 8522:1977	Respirators, chemical cartridge
35	8	IS 8523:1977	Respirators, canister type (gas masks)

SI. No.	Committee No.	IS No./ DOC Number	Title
36	9	IS 3972:1968	Methods of test for vitreous enamelware
37	9	IS 10432(Part 1/Sec 2):1982	Methods of test for vitreous enamelware: Part 1 Preparation of specimen for testing Sec 2 Enamelled cast iron [Superseded by IS 3972(Part 1/Section 2)]
38	10	IS 1388:1993	Reagent bottles (first revision)
39	10	IS 1494:1971	Glass containers for preserved fruits industry and domestic fruit preserves (first revision) (withdrawn)
40	10	IS 1761:1960	Transparent sheet glass for glazing and framing purposes (superseded by IS 2835)
41	10	IS 4162(Part 1):1985	Graduated pipettes:Part 1 General requirements (first revision)
42	10	IS 4162(Part 2):1985	Graduated pipettes: Part 2 Pipettes for which no waiting time is specified (first revision)
43	10	IS 4162(Part 3):1985	Graduated pipettes: Part 3 Pipettes for which a waiting time of 15 s is specified (first revision)
44	10	IS 4162(Part 4):1985	Graduated pipettes: Part 4 Blow-out pipettes (first revision)
45	13	IS 1620:1961	Methods of test (chemical) for industrial water (superseded by IS 3025)
46	13	IS 1621:1963	Methods of sampling of industrial water for physical and chemical tests (superseded by IS 3025)
47	13	IS 1631:1960	Methods of test (physical) for industrial water (superseded by IS 3025)
48	13	IS 2296:1982	Tolerance limits for inland surface water subject to pollution (Second revision)
49	14	IS 219:1975	Ink, powder and tablets (second revision) (withdrawn)
50	14	IS 221:1977	Ink fluid, blue-black, for permanent records (second revision) (withdrawn)
51	14	IS 222:1977	Ink fluid, for general purposes (second revision) (withdrawn)
52	14	IS 343:1978	Picture coating varnish (first revision) (withdrawn)
53	14	IS 1581:1975	Ferro-gallo tannate fountain pen ink (0.2 percent iron content (first revision)(Withdrawn)
54	14	IS 2230:1962	Dye, methylene blue, for ink industry (withdrawn)
55	14	IS 2247:1962	Dye, ink blue, for ink industry (superseded by IS 8642)
56	14	IS 3706:1965	Fountain pens (withdrawn)
57	14	IS 4099:1978	Nibs for penholders for general writing purposes (withdrawn)
58	14	IS 4118:1967	Penholders (withdrawn)
59	14	IS 4498:1978	Nibs for fountain pens (withdrawn)
60	14	IS 4724:1968	Glossary of terms relating to printing inks and allied industries (withdrawn)
61	14	IS 5215:1980	Desk type fountain pens (first revision) (withdrawn)
62	14	IS 6897:1973	Methods of test for gallic acid (Withdrawn)
63	14	IS 6898:1973	Methods of test for tannic acid (Withdrawn)
64	14	IS 8279:1976	Hectographic carbon paper
65	14	IS 9056:1979	Typewriter ribbon, silk
66	14	IS 10562:1983	Sketch pen, fibre-tip
67	14	IS 10584(Part 1):1983	Glass marking pencils: Part 1 With wooden casing
68	14	IS 11306:1985	Teleprinter ribbon, cotton

Sl. No.	Committe No.	IS No./ DOC Number	Title
69	14	IS 12530:1988	Silk screen printing ink (Withdrawn)
70	14	IS 12532:1988	Felt pen ink
71	14	IS 13298:1992	Markers, fibre-tip, regulated feed
72	15	DOC.CHD 15(1704)	Paper and board- Determination of colour (C/2)- Diffuse reflectance method
73	15	IS 1396:1960	Blotting paper (Withdrawn)
74	15	IS 3338:1989	Sizes of correspondence envelopes (second revision) (Amalgamated with IS 13892:1999)
75	15	IS 4356:1967	Paper cuttings (withdrawn)
76	15	IS 8971:1978	Paper aluminium foils laminates for general packaging (withdrawn)
77	17	IS 1016:1956	Methods of sampling and test for oil tanned leather (superseded by IS 582)
78	17	IS 1636:1960	Chrome waxed sole leather (withdrawn)
79	17	IS 2276:1962	Vegetable and aluminium tanned snakeskins (withdrawn)
80	17	IS 2545:1963	Vegetable tanned lizardskins (withdrawn)
81	17	IS 2574:1963	Leather gauntlets for workers in iron and steel industry (superseded by IS 2573)
82	17	IS 2575:1963	Leather mittens for workers in iron and steel industry (superseded by IS 2573)
83	17	IS 3297:1965	Water-resistant vegetable tanned sole leather (superseded by IS 579)
84	17	IS 9023:1978	Handbag lady's (Withdrawn)
85	17	IS 10669:1983	Mangrove extract (Withdrawn)
86	19	IS 583:1994	Ankle boots for heavy duty purposes (third revision)
87	19	IS 584:1981	Chaplis, frontier pattern, for general purposes (second revision) (withdrawn)
88	19	IS 2060:1984	Gents leather shoes (first revision) (Withdrawn)
89	19	IS 2472:1969	Protective gaiters (Withdrawn)
90	19	IS 3737:1966	Leather safety boots for workers in heavy metal industries (superseded by IS 1989)
91	19	IS 3738:2004	Rubber boots - Specification (third revision)
92	19	IS 4128:1980	Firemen's leather boots
93	19	IS 4585:1968	Football boots (Withdrawn)
94	19	IS 5259:1969	Girl's and Maids' school shoes (Withdrawn)
95	19	IS 5332:1969	Boys' and youths' school shoes (Withdrawn)
96	19	IS 5333:1969	Leather cricket boots (Withdrawn)
97	19	IS 5689:1981	Ankle derby boots (first revision)
98	19	IS 5853:1970	Open-toe wedge sandal for nurses (Withdrawn)
99	19	IS 5865:1970	Wooden heels for women's and girl's footwear (Withdrawn)
100	19	IS 6478:1972	Shoes for nurses (Withdrawn)
101	19	IS 6493:1971	Leather sandal for men (Withdrawn)
102	19	IS 7555:1974	Code of practice for the manufacture of ankle boots for general purposes (Withdrawn)

Sl. No.	Committee No.	IS No./ DOC Number	Title
103	19	IS 7568:1975	Direct moulded sole ankle boots for general purposes (withdrawn)
104	19	IS 7573:1975	Hockey shoes (Withdrawn)
105	19	IS 9868(Part 1):1981	Leather shoes for National Cadet Corps Part 1 For Army and Air Wing (Withdrawn)
106	19	IS 9868(Part 2):1981	Leather shoes for National Cadet Corps Part 2 for Naval Wing (Withdrawn)
107	19	IS 9868(Part 3):1981	Leather shoes for National Cadet Corps Part 3 For Girls Wing (Withdrawn)
108	19	IS 9885(Part 1):1981	Protective boots for oil field workmen: Part 1 Leather upper boots (superseded by IS 5557)
109	19	IS 9885(Part 2):1995	Protective boots for oil field workmen: Part 2 Rubber upper boots (first revision) (superseded by IS 5557)
110	19	IS 10348:1982	Safety footwear for steel plant (superseded by IS 1989, Part 2)
111	19	IS 10665:1982	Safety rubber ankle boots for miners (Withdrawn)
112	19	IS 11225:1985	Leather safety shoes for women workers in mines and steel plants
113	19	IS 11543:1986	Non-slip leather shoes
114	19	IS 12196:1988	Climbing boots (Withdrawn)
115	19	IS 13038:1993	PVC boots, resistant to oils and fats - Specification (first revision)
116	19	IS 13292:1993	PVC boots, resistant to chemicals - Specification (first revision)
117	19	IS 13469:1992	Gents' shoe with direct moulded PVC sole - Specification
118	19	IS 13575:1995	Lined antistatic rubber footwear - Specification (first revision)
119	19	IS 13695:1995	Lined or unlined rubber boots, resistant to chemicals - Specification (first revision)
120	19	IS 13996:1995	Rubber footwear, lined, conducting - Specification
121	19	IS 14290:1995	Lined industrial rubber footwear for use at low temperature - Specification
122	19	IS 15298(Part 5):2004	Safety, protective and occupational footwear for professional use- Part 5 Additional requirements and test methods
123	19	IS 15298(Part 6):2004	Safety, protective and occupational footwear for professional use - Part 6 Additional specifications for safety Footwear
124	19	IS 15298(Part 7):2004	Safety, protective and occupational footwear for professional use - Part 7 additional specification for Protective Footwear
125	19	IS 15298(Part 8):2004	Safety, protective and occupational footwear for professional use Part 8 Additional specification for occupational Footwear
126	20	IS 34:1975	Basic carbonate of lead (white lead) for paints (first revision) (Withdrawn)
127	20	IS 36:1979	Leaded or paints (first revision) (withdrawn)
128	20	IS 37:1976	Lithopone (first revision) (Withdrawn)
129	20	IS 39:1979	Basic sulphate of lead for paints (first revision) (withdrawn)
130	20	IS 41:1950	Carbon black for paints (Superseded by IS 40)
131	20	IS 42:1950	Vegetable black for paints (superseded by IS 40)
132	20	IS 43:1950	Lamp black for paints (superseded by IS 40)
133	20	IS 45:1950	Manufactured red oxides of iron for paints (superseded by IS 44)
134	20	IS 46:1950	Natural red oxides of iron for paints (superseded by IS 44)
135	20	IS 47:1950	Ochre for paints (superseded by IS 44)

Sl. No.	Committee No.	IS No./ DOC Number	Title
136	20	IS 48:1950	Natural sienna (raw and burnt) for paints (superseded by IS 44)
137	20	IS 49:1950	Natural umber (raw and burnt) for paints (superseded by IS 44)
138	20	IS 52:1950	Cadmium lithopone for paints (withdrawn)
139	20	IS 53:1988	Brunswick green for paints (second revision) (Withdrawn)
140	20	IS 57:1989	Red lead for paints and other purposes (second revision)
141	20	IS 59:1950	Pigment dyestuff for paints [superseded by IS 3574(Part 1)]
142	20	IS 60:1950	Lake pigments for paints [superseded by IS 3574(Part 1)]
143	20	IS 61:1988	Slate powder for paints (first revision) (Withdrawn)
144	20	IS 65:1950	Specification for Blanc fixe for paints (superseded by IS 64)
145	20	IS 69:1950	Gypsum (calcium sulphate) for paints (withdrawn)
146	20	IS 71:1950	Mercuric oxide for paints (withdrawn)
147	20	IS 72:1950	Aluminium powder for paints (withdrawn)
148	20	IS 76:1950	Linseed oil, refined, for paints (superseded by IS 75)
149	20	IS 78:1950	Linseed oil pale boiled, for paints (superseded by IS 77)
150	20	IS 83:1950	Turpentine for paints (superseded by IS 533)
151	20	IS 84:1950	White spirit for paints (superseded by IS 1745)
152	20	IS 85:1950	Methods of test for oil pastes for paints (Withdrawn)
153	20	IS 86:1950	Oil paste for paints to Indian Standard colours (withdrawn)
154	20	IS 87:1950	Oil paste for paints to Indian Standard colour No. 105, Oxford blue (withdrawn)
155	20	IS 88:1950	Oil paste for paints to Indian Standard colour No. 106, Royal blue (withdrawn)
156	20	IS 89:1950	Oil paste for paints to Indian Standard colours (withdrawn)
157	20	IS 90:1950	Oil paste for paints to Indian Standard colour No 414, Golden brown (withdrawn)
158	20	IS 91:1950	Oil paste for paints to Indian Standard colours (withdrawn)
159	20	IS 92:1950	Oil paste for paints to Indian Standard colours (withdrawn)
160	20	IS 93:1950	Oil paste for paints to Indian Standard colours (withdrawn)
161	20	IS 94:1950	Oil paste for paints to Indian Standard colours (withdrawn)
162	20	IS 95:1950	Oil paste for paints, exterior, white (withdrawn)
163	20	IS 96:1985	Oil paste for paints, interior, white (first revision) (Withdrawn)
164	20	IS 97:1950	Oil paste for paints, jointing purposes, etc. white lead (withdrawn)
165	20	IS 98:1950	Oil paste for paints, zinc oxide (withdrawn)
166	20	IS 99:1950	Oil paste for paints, zinc oxide, reduced (withdrawn)
167	20	IS 100:1950	Oil paste for paints for general purposes, black (withdrawn)
168	20	IS 102:1962	Ready mixed paint, brushing, red lead, non-setting, priming (revised) (withdrawn)
169	20	IS 103:1962	Ready mixed paint, brushing, white lead, for priming, and general purposes (withdrawn)
170	20	IS 105:1950	Ready mixed paint, brushing, priming, for enamels, for use on metals (tentative) (withdrawn)
171	20	IS 106:1962	Ready mixed paint, brushing, priming, for enamels, for use on wood (withdrawn)
172	20	IS 107:1952	Ready mixed paint, brushing, red oxide-zinc chrome, priming (superseded by IS 2074)

Sl. No.	Committee No.	IS No./ DOC Number	Title
173	20	IS 108:1952	Ready mixed paint, spraying, red oxide-zinc chrome, priming (superseded by IS 2074)
174	20	IS 111:1950	Ready mixed paint, brushing, undercoating exterior to Indian Standard Colours No. 101, 216, 352, 358, 443 and 632 (withdrawn)
175	20	IS 112:1950	Paints tinted to various colour, exterior, undercoating, spraying (withdrawn)
176	20	IS 113:1950	Paints interior, undercoating brushing to No. 101 sky blue, No. 216 eau-de-nil (withdrawn)
177	20	IS 114:1950	Paint, interior, undercoating, spraying to No. 101 sky blue, No. 216 eau-de-nil(withdrawn)
178	20	IS 115:1950	Paint, exterior, undercoating, brushing matt finish to No. 352 pale cream and No. 632 dark admiralty grey (withdrawn)
179	20	IS 116:1950	Paint, exterior, undercoating, spraying, matt finish to No. 352 pale cream and No. 632 dark admiralty grey (withdrawn)
180	20	IS 117:1964	Ready mixed paint, brushing, finishing exterior, semi-gloss for general purposes to Indian Standard Colours No.101to104, 169,174,216,217,219,275,278,280,281,283,352to354,358to365,384to388,397,410,442to444 (revised) (See IS 13607)
181	20	IS 118:1962	Ready mixed paint, brushing, finishing, semi-gloss, for general purposes to Indian Standard colours as required [superseded by IS 13607
182	20	IS 119:1962	Ready mixed paint, brushing, finishing, semi-gloss, for general purposes, to Indian Standard colours as required [superseded by IS 13607]
183	20	IS 120:1962	Ready mixed paint, brushing, finishing semi-gloss, for general purposes, to Indian Standard Colours No.537, 538, 540, 541, 570 and 574 (revised) (withdrawn) (see IS 13607:1992)
184	20	IS 121:1962	Ready mixed paint, brushing, finishing, semi-gloss, for general purposes, to Indian Standard Colours No. 414 (revised) (withdrawn) (see IS 13607:1992)
185	20	IS 122:1962	Ready mixed paint, brushing, finishing, semi-gloss, for general purposes, to Indian Standard Colours No.411, 412 and 413 (revised) (withdrawn) (see 13607:1992)
186	20	IS 124(Part 1):1976	Ready mixed paint, brushing, finishing, semi-gloss, for general purposes Part 1(second revision) (withdrawn) (see IS 13607:1992)
187	20	IS 124(Part 2):1976	Ready mixed paint, brushing, finishing, semi-gloss, for general purposes Part 2(second revision) (withdrawn) (see IS 13607:1992)
188	20	IS 124(Part 3):1979	Ready mixed paint, brushing, finishing, semi-gloss, for general purposes Part 3(withdrawn) (see IS 13607:1992)
189	20	IS 125:1962	Ready mixed paint, brushing, finishing, semi-gloss, for general purposes to Indian Standard colour No. 106 Navy blue (withdrawn) (see IS 13607:1992)
190	20	IS 126:1962	Ready mixed paint, brushing, finishing, exterior, semi-gloss, for general purposes, to Indian Standard Colour No. 671 (revised) (withdrawn) (see IS 13607:1992)
191	20	IS 127:1962	Ready mixed paint, brushing, finishing, exterior, semi-gloss, for general purposes, white (revised) (withdrawn) (see IS 13607:1992)
192	20	IS 128:1962	Ready mixed paint, brushing, finishing, semi-gloss, for general purposes, black(revised) (withdrawn) (see IS 13607:1992)
193	20	IS 129:1950	Paint tinted to various colours, interior, brushing, finishing, oil-gloss (withdrawn)

Sl. No.	Committee No.	IS No./ DOC Number	Title
194	20	IS 130:1964	Ready mixed paint, spraying, finishing for railway wagon stock, to Indian Standard Colours No. 446 red oxide and red oxide (colour unspecified) (revised)(Withdrawn)
195	20	IS 131:1965	Ready mixed paint, spraying, finishing for railway under-frames, black (revised)(Withdrawn)
196	20	IS 132:1950	Ready mixed paint, spraying, exterior, oil gloss, for general purposes, to Indian Standard colours (withdrawn)
197	20	IS 134:1950	Enamel, spraying, interior (1) undercoating, (2) finishing, colour as required (withdrawn)
198	20	IS 135:1952	Ready mixed paint, spraying, stoving, red oxide-zinc chrome, priming (superseded by IS 2075)
199	20	IS 136:1952	Ready mixed paint, brushing, stoving, red oxide-zinc chrome, priming (superseded by IS 2075)
200	20	IS 141:1950	Ready mixed paint, spraying, petrol resisting, air drying, for exterior painting of containers, colours as required (superseded by IS 140)
201	20	IS 143:1950	Ready mixed paint, spraying, petrol resisting, stoving, for exterior painting of containers, colour as required (superseded by IS 142)
202	20	IS 148:1950	Ready mixed paint, brushing, undercoating, stoving, for enamels and general purposes, colour as required (Withdrawn)
203	20	IS 149:1950	Ready mixed paint, spraying, undercoating, stoving, for enamels and general purposes colour as required (Withdrawn)
204	20	IS 152:1950	Ready mixed paint, brushing, stoving lead-free, for general purposes, colour asrequired (Withdrawn)
205	20	IS 153:1950	Ready mixed paint, spraying stoving, lead-free, for general purposes, colour asrequired (Withdrawn)
206	20	IS 154:1950	Ready mixed paint, brushing, dead black, for use on metals (withdrawn)
207	20	IS 155:1950	Ready mixed paint, brushing, matt-black, for use on wood (Withdrawn)
208	20	IS 156:1950	Ready mixed paint, brushing, for use on floors, colour as required (withdrawn)
209	20	IS 157:1950	Ready mixed paint, brushing, acid and alkali resisting, lead-free for general purposes to Indian Standards Colours Nos. 446 red oxide, 437 signal red, 632 darkadmiralty grey and black and other colours as required (withdrawn)
210	20	IS 160:1950	Acid resisting paint, spraying (withdrawn)
211	20	IS 161:1950	Heat resisting paint, brushing matt (withdrawn)
212	20	IS 162:1950	Ready mixed paint, brushing, fire resisting, silicate type for use on wood, colour as required (withdrawn)
213	20	IS 163:1978	Ready mixed paint, dipping, fire resisting (first revision) (withdrawn)
214	20	IS 165:1950	Aluminium paint, brushing, for general purposes, in dual container (superseded by IS 2339)
215	20	IS 166:1950	Aluminium paint, spraying for general purposes, in dual container (superseded by IS 2339)
216	20	IS 167:1950	Ready mixed paint, thick white, for lettering (withdrawn)
217	20	IS 169:1950	Ready mixed paint, spraying, quick drying, matt, lead-free, for general purposes to Indian Standard colours (superseded by IS 168)

Sl. No.	Committee No.	IS No./ DOC Number	Title
218	20	IS 197:1969	Methods of sampling and test for varnishes and lacquers (first revision) (withdrawn)
219	20	IS 290:1961	Coal tar black paint (revised) (withdrawn)
220	20	IS 338:1952	Varnish, undercoating, exterior natural resin (withdrawn) (see IS 524 and IS 525)
221	20	IS 339:1952	Varnish, undercoating, exterior, synthetic resin (withdrawn) (see IS 524 and IS525)
222	20	IS 340:1978	Varnish, mixing (first revision) (withdrawn)
223	20	IS 342:1976	Varnish, acid resisting (first revision) (withdrawn)
224	20	IS 345:1952	Wood filter transparent liquid (withdrawn)
225	20	IS 346:1952	Spirit varnish, clear, hard (withdrawn)
226	20	IS 349:1981	Lacquer, cellulose nitrate, clear, finishing, glossy for metal (first revision)
227	20	IS 355:1952	Rosin for paints and varnishes (superseded by IS 553)
228	20	IS 357:1952	Gum dammar, pale, for paints and varnishes (withdrawn)
229	20	IS 385:1979	Mixed liquid driers for paints (second revision) (Withdrawn)
230	20	IS 386:1962	Liquid driers, concentrated, for paints (revised) (superseded by IS 385)
231	20	IS 420:1953	Putty, for use on metal frames (withdrawn)
232	20	IS 421:1962	Jointing paste, for bedding mouldings on coaching stock (withdrawn)
233	20	IS 424:1965	Plastic asphalt (revised) (withdrawn)
234	20	IS 426:1961	Paste filler for colour coats (revised) (superseded by IS 110)
235	20	IS 520:1954	Enamel, brushing, exterior, type 1 (synthetic), (1) undercoating, (2) finishing, colour as required (tentative) (superseded by IS 2932)
236	20	IS 521:1954	Enamel, spraying, exterior, type 1 (synthetic), (1) undercoating, (2) finishing, colour as required (tentative) (superseded by IS 2932)
237	20	IS 522:1954	Enamel, brushing, exterior, type 2, (1) undercoating, (2) finishing, colour as required (tentative) (superseded by IS 2933)
238	20	IS 523:1954	Enamel, spraying, exterior, type 2, (1) undercoating, (2) finishing, colour as required (tentative) (superseded by IS 2933)
239	20	IS 640:1956	Ready mixed red oxide paint for hessian (colour unspecified) (withdrawn)
240	20	IS 641:1964	Ready mixed paint, brushing, finishing, interior, semi-gloss, for general purposes, white (revised) (withdrawn)
241	20	IS 643:1955	Cyclohexane (hexahydrobenzene) for paints
242	20	IS 645:1955	Decalin (decahydronaphthalene) for paints (Withdrawn)
243	20	IS 870:1962	Ready mixed paint, brushing, finishing, egg shell gloss for interior use to Indian Standard Colours No.101, 216, 217, 219, 275, 281 and 358 (revised) (Withdrawn)
244	20	IS 871:1956	Green paint, interior (withdrawn)
245	20	IS 872:1956	Brown paint, interior, brushing, finishing, egg-shell gloss No. 412 dark brown, No. 413 nut brown (withdrawn)
246	20	IS 1188:1957	Brushing, oil gloss, genuine zinc oxide for general purposes (withdrawn)
247	20	IS 1189:1957	Oil paste for paints, yellow ochre (withdrawn)
248	20	IS 1232:1964	Ready mixed paint, brushing, yellow ochre, semi-gloss, for general purposes (revised) (Withdrawn)

Sl. No.	Committee No.	IS No./ DOC Number	Title
249	20	IS 1236:1958	Ready mixed paint, oil gloss, heat resisting to Indian Standards Colour No. 360 deep buff (withdrawn)
250	20	IS 1257:1958	Black japan, type B, exterior (superseded by IS 341)
251	20	IS 1404:1989	Anti-corrosive paint, brushing for ships' bottom and hulls, red or chocolate (second revision) (withdrawn)
252	20	IS 1704:1960	Black japan for hot surfaces (superseded by IS 341)
253	20	IS 2468:1963	Whiting for putty (superseded by IS 63)
254	20	IS 2931:1964	Ready mixed paints, brushing, aluminium-zinc oxide composite primer (withdrawn)
255	20	IS 3538:1966	Ready mixed paint, red oxide barium chromate/barium potassium chromate primer (withdrawn)
256	20	IS 3540:1966	Barium potassium chromate for paints (withdrawn)
257	20	IS 3631:1966	Ready mixed paint, finishing, exterior, (i) alkyd, and (ii) non-alkyd, for general purposes to Indian Standard colours (withdrawn) (see IS 168 and IS 2933)
258	20	IS 3679:1966	Ready mixed paint, stoving, red oxide-barium chromate/barium potassium chromate primer (withdrawn)
259	20	IS 5411(Part 1):1974	Plastic emulsion paint Part 1 For interior use (first revision)
260	20	IS 5411(Part 2):1972	Plastic emulsion paint Part 2 For exterior use
261	20	IS 5660:1970	Ready mixed paint, brushing, aluminium-red oxide primer (Withdrawn)
262	20	IS 5818:1988	Lacquers and decorative finishes for food cans (withdrawn)
263	20	IS 6161:1971	Primer-surfacer, stoving, exterior, red and grey, for automobiles (withdrawn)
264	20	IS 6496:1972	Precipitated calcium silicate pigments for paints (Withdrawn)
265	20	IS 6646:1972	Oil of turpentine, solvent grade (Withdrawn)
266	23	IS 8542:1977	Polish for wooden furniture, paste (Withdrawn) (See IS 8541)
267	23	IS 9035:1978	Polishes for transparent plastics in sheet form, paste
268	23	IS 9036:1978	Polishes for transparent plastics in sheet form, liquid
269	23	IS 10024:1981	Jewellers polishing rouge
270	24	IS 5078:1969	Brushes, typewriter (withdrwn)
271	24	IS 5080:1969	Brushes, nail-cleaning (withdrawn)
272	24	IS 5565(Part 1):1969	Dental brushes - Engines Part 1 Brushes for use with straight and right-angle hand pieces (Withdrawn)
273	24	IS 5565(Part 2):1969	Dental brushes - Engines Part 2 Brushes for use with porte polisher (Withdrawn)
274	24	IS 7457:1974	Brushes, flue
275	24	IS 7782:1975	Brushes, test tube
276	24	IS 9657:1980	Brushes, milk pipettes (Withdrawn)
277	24	IS 9658:1980	Brushes, milk sample bottle (Withdrawn)
278	24	IS 9659:1980	Brushes, butyrometers (Withdrawn)
279	25	DOC.CHD 25(1698)	Surface active agents - Measurement of foaming power - Modified Ross - Miles method [First revision of IS 5785 (Part 3)] [Adoption of ISO 696:1975]
280	25	IS 284:1951	Toilet soap (superseded by IS 2888)
281	25	IS 839:1956	Transparent toilet soap (superseded by IS 11303)

Sl. No.	Committee No.	IS No./ DOC Number	Title
282	25	IS 1044:1970	Turkey red oil (first revision) (withdrawn)
283	25	IS 7546:1974	Carbolic soap (withdrawn)
284	25	IS 7963:1976	Janata toilet soap (superseded by IS 2888)
285	25	IS 10549:1983	Processed fixed oils for industrial use
286	26	IS 10374:1982	Wooden splints for safety matches
287	26	IS 12975:1990	Fireworks aeroplanes (Withdrawn)
288	27	IS 3690:1974	Unbonded glass wool for thermal insulation (first revision) (withdrawn)
289	27	IS 5696:1970	Loose mineral wool (rock wool and slag wool) (superseded by IS 3677)
290	27	IS 7240:1981	Code of practice for industrial applications and finishing of thermal insulating materials at temperature from 80 C to 40 C (first revision) (superseded by IS 14164)
291	27	IS 7413:1981	Code of Practice for thermal industrial application and finishing of thermal insulating materials at temperature above 40 C to 700 C (first revision) (Superseded by IS 14164)
292	27	IS 7510:1974	Thermal insulating cement (type 350) (Withdrawn)
293	27	IS 9350:1980	Thermal insulating cement (type 950) (Superseded) (See IS 9743)
294	28	IS 11213:1985	Defibrated linters(Withdrawn)
295	28	IS 12179:1987	Method of determination of sulphuric acid luminosity and bottle acetylation of chemical cotton(Withdrawn)
296	28	IS 12253:1987	Glossary of terms relating to linters and its allied products (Withdrawn)
297	28	IS 13470:1992	Method of determination of cellulose yield of cotton linters by mechanical analysis(Withdrawn)
298	28	IS 13974:1994	Polyanionic cellulose - Specification(Withdrawn)
299	28	IS 3517:1979	Cotton linters (first revision)(Withdrawn)
300	28	IS 3518:1966	Chemical cotton for viscose cellulose acetate(Withdrawn)
301	28	IS 3519:1965	Methods of sampling and test for chemical cotton(Withdrawn)
302	28	IS 3532:1987	Chemical cotton for nitro cellulose(second revision)(Withdrawn)
303	28	IS 8782:1978	Chemical cotton for paper manufacturer(Withdrawn)
304	28	IS 9191:1979	Code of practice for storing cotton linters(Withdrawn)
305	28	IS 9546:1980	Method of determination of cellulose in chemical cotton(Withdrawn)
306	28	IS 9594:1980	Cellulose powder(Withdrawn)
307	28	IS 9598:1980	Microcrystalline cellulose powder(Withdrawn)
308	32	IS 2488(Part 1):1966	Methods of sampling and test for industrial effluents, Part I (withdrawn)
309	32	IS 2488(Part 2):1968	Methods of sampling and test for industrial effluents, Part II(Withdrawn)
310	32	IS 2488(Part 3):1968	Methods of sampling and test for industrial effluents Part III(Withdrawn)
311	32	IS 2488(Part 4):1968	Methods of sampling and test for industrial effluents, Part IV (withdrawn)
312	32	IS 2490:2000	Tolerance limits for industrial effluents (withdrawn)
313	32	IS 2490(Part 1):1981	Tolerance limits for industrial effluents discharged into inland surface waters: Part 1 General limits (second revision) (Withdrawn)

SI. No.	Committee No.	IS No./ DOC Number	Title
314	32	IS 2490(Part 2):1974	Tolerance limits for industrial effluents : Part 2 Distillery industry (first revision) (Withdrawn)
315	32	IS 2490(Part 3):1985	Tolerance limits for industrial effluents : Part 3 Tanning industry (first revision) (Withdrawn)
316	32	IS 2490(Part 4):1974	Tolerance limits for industrial effluents discharged into inland surface waters: Part 4 Strawboard industry (first revision) (Withdrawn)
317	32	IS 2490(Part 5):1974	Tolerance limits for industrial effluents discharged into inland surface waters: Part 5 Electroplating industry (first revision) (Withdrawn)
318	32	IS 2490(Part 6):1985	Tolerance limits for industrial effluents : Part 6 Dyestuff and dye intermediate manufacturing industry (first revision) (Withdrawn)
319	32	IS 2490(Part 7):1976	Tolerance limits for industrial effluents discharged into inland surface waters: Part 7 Coke ovens (first revision) (Withdrawn)
320	32	IS 2490(Part 8):1985	Tolerance limits for industrial effluents : Part 8 Phosphatic fertilizer industry (first revision) (Withdrawn)
321	32	IS 2490(Part 9):1977	Tolerance limits for industrial effluents : Part 9 Nitrogenous fertilizer industry (first revision) (Withdrawn)
322	32	IS 2490(Part 10):1985	Tolerance limits for industrial effluents : Part 10 Rubber producing industry(Withdrawn)
323	32	IS 3025(Part 12):1983	Methods of sampling and test (physical and chemical) for water and wastewater :Part 12 Density (first revision)
324	32	IS 3025(Part 13):1983	Methods of sampling and test (physical and chemical) for water and wastewater :Part 13 Saturation index (with respect to calcium carbonate) (first revision) (withdrawn)
325	32	IS 3306:1974	Tolerance limits for industrial effluents discharged into public sewers (first revision) (withdrawn)
326	32	IS 3307:1977	Tolerance limits for industrial effluents discharged on land for irrigation purposes (first revision) (withdrawn)
327	32	IS 4733:1972	Methods of sampling and test for sewage effluents (first revision) (withdrawn)
328	32	IS 4764:1973	Tolerance limits for sewage effluents discharged into inland surface waters (first revision) (Withdrawn)
329	32	IS 4903:1979	Guide for treatment and disposal of effluents of cane sugar industry (first revision) (Withdrawn)
330	32	IS 5061(Part 1):1978	Guide for treatment and disposal of effluents of pulp, paper and board industries : Part 1 for mills with chemical recovery system (first revision) (Withdrawn)
331	32	IS 5183:1977	Guide for treatment of effluents of tanning industry (first revision) (Withdrawn)
332	32	IS 7453:1974	Guide for treatment of effluents of electroplating industry (Withdrawn)
333	32	IS 7968:1976	Tolerance limits for industrial effluents discharged into marine coastal areas (withdrawn) [see IS 2490 (part 1)]
334	32	IS 8635:1977	Limits for gaseous emission from sulphuric acid and phosphatic fertilizer industries (Withdrawn)
335	32	IS 8636:1983	Limits for gaseous emission from petroleum refineries (first revision) (Withdrawn)
336	32	IS 8829:1978	Guidelines for micrometeorological techniques in air pollution studies (Withdrawn)

Sl. No.	Committee No.	IS No./ DOC Number	Title
337	32	IS 9005:1978	Limits for gaseous emission from nitric acid and nitrogenous fertilizer industries (Withdrawn)
338	32	IS 9233(Part 1):1985	Limits for gaseous emissions from man-made fibre plants: Part 1 Cellulose fibres (first revision) (Withdrawn)
339	32	IS 9533:1980	Guidelines for selection of methods of urban solid wastes disposal (Withdrawn)
340	32	IS 9622:1980	Guide for management of solid wastes (Withdrawn)
341	32	IS 10127:1982	Guidelines for utilization and disposal of solid wastes from coal mining and washery industries (Withdrawn)
342	32	IS 10152:1982	Guidelines for utilization and disposal of solid wastes from paper industry (Withdrawn)
343	32	IS 10193(Part 1):1982	Limits for ambient air quality: Part 1 Sulphur dioxide and particulate matter (Withdrawn)
344	32	IS 10693(Part 1):1983	Limits for emission of particulate matter from cement plants: Part 1 Kilns (Withdrawn)
345	32	IS 10693(Part 2):1987	Limits for emission of particulate matter from cement plants: Part 2 Mills (Withdrawn)
346	32	IS 11247:1985	Limits for emissions from iron and steel plants (Withdrawn)
347	32	IS 12282:1988	Limits for emission for carbon black industry (Withdrawn)
348	32	IS 12283:1988	Limits for emission from calcium carbide industry (Withdrawn)
349	32	IS 12625:1989	Solid wastes - Hospitals - Guidelines for management (withdrawn)
350	32	IS 13967:1993	Environment management systems - Specification (Superseded by IS/ISO 14001)
351	32	IS 2488(Part 5):1976	Methods of sampling and test for industrial effluents, Part V
352	34	IS 14010:1996	Guidelines for environmental auditing - General principles (superseded by IS/ISO 19011)
353	34	IS 14011:1996	Guidelines for environmental auditing - Audit Procedures - Auditing of environmental management systems (superseded by IS/ISO 19011)
354	34	IS 14012:1996	Guidelines for environmental auditing - Qualification criteria for environmental auditors (superseded by IS/ISO 19011)
355	34	IS 14041:1998	Environmental management - Life cycle assessment - Goal and scope definition and inventory analysis (superseded by IS/ISO14040:2006 and IS/ISO 14044:2006)
356	34	IS 14042:2000	Environmental management - Life cycle assessment - Life cycle impact assessment (superseded by IS/ISO14040:2006 and IS/ISO 14044:2006)
357	34	IS 14043:2000	Environmental Management - Life Cycle Assessment - Life Cycle Interpretation (superseded by IS/ISO14040:2006 and IS/ISO 14044:2006)

ANNEX II

LIST OF IS WITH DUAL NUMBER STANDARDS/ EQUIVALENT STANDARDS/ HARMONIZED WITH OTHER STANDARD ORGANIZATION

DUAL NUMBER STANDARDS AND EQUIVALENT STANDARDS

IS Number/ DOC Number	Title
DUAL NUMBER STANDARDS	
1. IS/ISO 672:1978	Soaps – Determination of moisture and volatile matter Content – oven method
2. IS/ISO 673:1981	Soaps – Determination of content of ethanol – Insoluble Matter
3. IS/ISO 718:1990	Laboratory Glassware – Thermal Shock and thermal
4. IS/ISO 835:2007	Laboratory Glassware- Graduated pippetes
5. IS 878:2008/ ISO 4788:2005	Laboratory Glassware- Graduated measuring cylinders (second revision)
6. IS 915:2012/ ISO 1042:1998	Laboratory Glassware – One Mark Volumetric Flasks (3 rd Revision of IS 915)
7. IS/ISO 1066:1975	Analysis of soaps – Determination of glycerol content titrimetric method
8. IS/ISO 1067:1974	Analysis of soaps – Determination of unsaponifiable, unsaponified & unsaponifies, saponifiable matter
9. IS 1381(Part 1):2003/ ISO 1773:1997	Laboratory Glassware - Narrow-Necked Boiling Flasks (Second Revision)
10. IS 1381(Part 2):2008/ ISO 4797:2004	Laboratory Glassware - Boiling flasks with conical ground joints (second revision)
11. IS 1388(Part 1):2005/	Laboratory glassware- Bottles Part 1 Screw-neck bottles (second ISO 4796-1:2000 revision)
12. IS 1388(Part 2):2005/	Laboratory glassware- Bottles Part 2 : Conical neck bottles (second ISO 4796-2:2000 revision)
13. IS 1388(Part 3):2005/ ISO 4796-3:2000	Laboratory glassware- Bottles Part 3 Aspirator bottles (second revision)
14. IS 1575:2003/	Laboratory glassware - Separating funnels and dropping funnels ISO 4800:1998 (second revision)
15. IS 1996:2003/ ISO 4785:1997	Laboratory Glassware - Straight-Bore glass stopcocks for general purposes (first revision)
16. IS 1997:2008/ ISO 385:2005	Laboratory Glassware- Burettes (third revision)
17. IS 2303(Part 1/Sec1) ISO 719:1985	Glass – Hydrolytic resistance of glass grains at 98 deg. C - Method of test and classification (2 nd revision of IS 2303(Pt.1/Sec1)

18. IS 2303(Part 1/Sec2) ISO 719:1985	Glass – Hydrolytic resistance of glass grains at 121 deg. C – Method of test and classification (2 nd revision of IS 2303(Pt.1/Sec 2)
19. IS/ISO 2470-1:2009	Paper Board and Pulps – measurement of diffuse blue reflectance factor Part 1 Indoor daylight conditions (ISO brightness)
20. IS/ISO 2470-2:2008	Paper Board and Pulps – measurement of diffuse blue reflectance factor Part 2 Outdoor daylight conditions (D 65 brightness)
21. IS/ISO 2471:2008	Paper and Board – Determination of opacity (paper backing) – diffuse reflectance method
22. IS/ISO 2822-1:1998	Raw cattle hides and calf skins – Part 1 Description of defects
23. IS 3025(Part 2):2004 ISO 11885:1996	Water quality - Determination of 33 elements by inductivity coupled plasmaatomic emission spectroscopy
24. IS 3025(Part 14):2013 ISO 7888:1985	Method of sampling and test (physical and chemical) Part 14 Specific Conductance (Wheatstone Bridge, Conductance Cell {second revision of IS 3025 (Part 14)}
25. IS/ISO 4683-1:1998	Raw sheep skins Part 1: Description of Defects
26. IS/ISO 4683-2:1999	Raw sheep skins Part 2: Designation and presentation
27. IS/ISO 4787:2010	Laboratory Glassware – Volumetric Instrument
28. IS/ISO 4803:1978	Laboratory Glassware – Borosilicate Glass tubing
29. IS/ISO 5432:1999	Leather – Wet Blue sheep skins
30. IS 5623:2012/ ISO 7991:1987	Determination of co-efficient of mean linear thermal (2 nd revision of IS 5623)
31. IS/ISO 5636-3:1992	Paper and board - Determination of air permeance (medium range) Part 3 Bendtsen method
32. IS 5717:2003/ ISO 3507:1999	Laboratory Glassware - Pyknometers (Second Revision)
33. IS 5785(Part 5):2013 immersion	Surface Active Agents – Determination of wetting powder by ISO 8022:1990
34. IS/ISO 7482-1:1998	Raw goat skins – Part 1: Description of defects
35. IS/ISO 7482-3:2005	Raw goad skins – Part 3: Guidelines for grading on the basis of defects
36. IS/ISO 8254-1:1999	DIS Paper and board - Measurement of specular gloss - Part 1 75 deg gloss with a converging beam, tappi method'
37. IS/ISO 8655(Part 7):2005	Piston operated volumetric apparatus- Part 7: Non -gravimetric methods for the assessment of equipment
38. IS 11239(Part 1):2009/ ISO 1923:1981	Method of test for Rigid cellular thermal insulation materials Part 1 Dimensions (first revision)
39. IS 11239(Part 2):2009/ ISO 845:1988	Method of test for Rigid cellular thermal insulation materials Part 2 Apparent Density (first revision)
40. IS 11239(Part3):2009/ ISO 2796:1986	Method of test for Rigid cellular thermal insulation materials Part 3 Dimensions stability (first revision)
41. IS 11239(Part 5):2009/ ISO 4590:2002	Method of test for Rigid cellular thermal insulation materials Part 5 Volume percent of open and closed cells (first revision)

42. IS 11468:2012	Laboratory Glassware – Pipettes – Colour Coding (2 nd revision of IS 11468)
43. IS/ISO 11476:2000	Paper and board - Determination of CIE whiteness, C/2deg (indoor illumination conditions)
44. IS 12038(Part 1):2007/ ISO 4531-1:1998	Vitreous and porcelain enamels - Release of lead and cadmium from enamelled ware in contact with food - Part 1 : Method of test (first revision)
45. IS 12038(Part 2):2007/ ISO 4531-2:2007	Vitreous and porcelain enamels - Release of lead and cadmium from enamelled ware in contact with food – Part 2 : Permissible limits (first revision)
46. IS/ISO 14001:2004	Environmental management systems - Requirements with guidance for Use (first revision)
47. S/ISO 14004:2004	Environmental management systems - General guidelines on principles, systems and support techniques(first revision)
48. IS/ISO 14005:2010	Environmental Management Systems— Guidelines for the Phased Implementation of an Environmental Management System, Including the use of Environmental Performance Evaluation
49. IS/ISO 14015:2001	Environmental Management- Environmental assessment of sites and organizations (EASO)
50. IS/ISO 14020:1998	Environmental labels and declarations - General principles
51. IS/ISO 14021:1999	Environmental labels and declarations- Self-declared environmental claims (Type II Environmental labelling)
52. IS/ISO 14024:1999	Environmental labels and declarations - Type I Environmental labelling -Principles and procedures
53. IS/ISO 14025:2006	Environmental labels and declarations - Type III environmental declarations -Principles and procedures
54. IS/ISO 14031:1999	Environmental management - Environmental performance evaluation-Guidelines
55. IS/ISO 14040:1997	Environmental Management - Life cycle assessment - Principles and Framework
56. IS/ISO 14044:2006	Environmental management - Life cycle assessment - Requirements and guidelines (Superseding IS/ISO 14041:1998,IS/ISO 14042:2000 and IS/ISO 14043:2000)
57. IS/ISO 14050:2002	Environmental Management - Vocabulary
58. IS/ISO 14051 :2011	Environmental Management - Material Flow Cost Accounting - General Framework
59. IS/ISO 14063:2006	Environmental management - Environmental communication – Guidelines and examples
60. ISO 14064(Part 1):2006	Greenhouse gases Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas 7 emissions and removals
61. IS/ISO 14064(Part 2):2006	Greenhouse gases - Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal
62. IS/ISO 14064(Part 3):2006	Greenhouse gases Part 3: Specification with guidance for the

validation and verification of greenhouse gas assertions

- 63. IS/ISO 14065:2007** **Greenhouse Gases — Requirements For Greenhouse Gas Validation And Verification Bodies For Use In Accreditation Or Other Forms or recognition**
64. IS 14868:2012
ISO 641:1975 Laboratory Glassware – Interchangeable spherical ground joints (Revision of IS 14868)
65. IS 15206:2002/
ISO 8760:1990 Work-place air - Determination of mass concentration of carbon monoxide - Method using detector tubes for short-term sampling with direct indication
66. IS 15207:2002/
ISO 9486:1991 Workplace air - Determination of vaporous chlorinated hydrocarbons Charcol tube/solvent desorption/gas chromatographic method
67. IS 15209:2002/
ISO 8761:1989 Work-place air-Determination of mass concentration of nitrogen dioxide - Method using detector tubes for short- term sampling with direct indication
68. IS 15210:2002/
ISO 8762:1988 Workplace air - Determination of vinyl chloride - Charcoal tube/gas chromatographic method
69. IS 15211:2002/
Charcoal tube/solvent desorption/gas chromatographic method Workplace air - Determination of vaporous aromatic hydrocarbons - ISO 9487:1991
70. IS 15298(Part 1):2011
ISO 20344:2004 Safety, protective and occupational footwear for professional use –Part 1: Test methods for footwear (superseding IS/ISO 15298(Part 5):2004/ISO 8782-5)
71. IS 15298(Part 2):2011
/ ISO 20345 : 2004 Personal protective equipment - Safety footwear (Superseding IS/ISO 15298(Part 2):2002/ISO 8782-2:1998 and IS 15298(Part 6):2004)
72. IS 15298(Part 3):2011
IS/ ISO 20346 : 2004 Personal protective equipment - Protective (Superseding IS/ISO 15298(Part 3):2002/ISO 8782-3:1998 and IS/ISO 15298(Part 7):2004)
73. IS 15298(Part 4):2010
/ ISO 20347: 2004 Personal protective equipment - Part 4 Occupational footwear (First Revision) (Superseding IS/ISO IS 15298(Part 4):2002/ISO 8782-4:1998 and IS 15298 (Part 8:2004/ 8782-8:2000))
74. IS 15298(Part 5):2004
Part 5 Additional requirements and test Safety, protective and occupational footwear for professional use- ISO 8782-5
75. IS 15298(Part 6):2004
Part 6 Additional specifications for safety Footwear Safety, protective and occupational footwear for professional use - ISO 8782-6:2000
76. IS 15298(Part 7):2004
ISO 8782-7:2000 Safety, protective and occupational footwear for professional use - Part 7 additional specification for Protective Footwear
77. IS 15298(Part 8):2004
ISO 8782-8:2000 Safety, protective and occupational footwear for professional use Part 8 Additional specification for occupational Footwear
78. IS 15309:2003/
ISO 8518:2001 Workplace air - Determination of particulate lead and lead compounds -Flame or Electrothermal atomic absorption spectrometric method
79. IS 15465:2004/
10156:1996 Gases and gas mixtures-Determination of fire potential and oxidizing ISO ability for the selection of cylinder valve outlets
80. IS 15520:2004/
ISO 12040:1997 Graphic technology - Paints and printing inks - Assessment of light fastness using filtered xenon arc light

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| 81. IS 15521:2004/
ISO 12634:1996 | Graphic technology - Determination of tack of paste inks and vehicles by a rotary tackmeter |
| 82. IS 15522:2004/
ISO 12644:1996 | Graphic technology - Determination of Rheological properties of paste inks and vehicles by the falling rod viscometer |
| 83. IS 16061(Part 1):2013
ISO 14687-1:1999 | Hydrogen fuel product certification |
| 84. IS/ISO 24450:2005 | Laboratory glassware - Wide-necked boiling flasks |
| 85. IS/ISO 24998:2008 | Plastic Laboratoryware – Single use Petri dishes for Microbiological procedures |

EQUIVALENT STANDARDS

Sl. No.	IS Number/ DOC Number	Title	ISO/IEC
1	IS 1117:1975	One-mark pipettes (first revision)	ISO/R 648:1968
2	IS 2480(Part 1):1983	Specification for General purpose glass thermometers: Part 1 Solid stem thermometers (second revision)	ISO 1770:1981
3	IS 2480(Part 2):1982	General purpose glass thermometers: Part 2 Enclosed scale thermometers (second revision)	ISO 1771:1981
4	IS 2619:1993	Glass beakers (second revision)	ISO 3819:1985
5	IS 2836:1974	Methods of test and quality requirements for porcelain, laboratory apparatus (first revision)	ISO 1775:1975
6	IS 2837(Part 1):1975	Porcelain crucibles and basins: Part 1 Crucibles (first revision)	ISO 1772:1970
7	IS 3104(Part 1):1982	Density hydrometers: Part I Requirements (first revision)	ISO 649:1968
8	IS 3104(Part 2):1982	Density hydrometers: Part 2 Methods of test and use (first revision)	ISO 649:1968
9	IS 3972(Part 1/Sec 1):1982	Methods of test for vitreous enamelware: Part 1 Production of specimens for testing, Section 1 Enamelled sheet steel (first revision)	ISO 2723:1973
10	IS 3972(Part 1/Sec 2):1982	Methods of test for vitreous enamelware: Part 1 Production of specimens for testing, Section 2 Enamelled cast iron (first revision)	ISO 2724:1973
11	IS 3972(Part 2/Sec 3):1988	Methods of test for vitreous enamelware : Part 2 Test methods, Section 3 Resistance to boiling water and water vapour (first revision)	ISO 2744:1973
12	IS 3972(Part 2/Sec 4):1988	Methods of test for vitreous enamelware : Part 2 Test methods, Section 4 Resistance to thermal shock	ISO 2747:1973
13	IS 3972(Part 2/Sec 5):1988	Methods of test for vitreous enamelware : Part 2 Test methods, Section 5 Resistance to hot alkali (sodium hydroxide) (first revision)	ISO 2745:1973
14	IS 3972(Part 2/Sec 7):1990	Methods of test for vitreous enamelware: Part 2 Test methods, Section 7 Resistance to boiling hydrochloric acid (first revision)	ISO/DIS 2743
15	IS 3972(Part 2/Sec 8):1990	Methods of test for vitreous enamelware: Part 2 Test methods, Section 8 Resistance to heat (first revision)	ISO 4530:1983
16	IS 3972(Part 2/Sec 9):1991	Methods of test for vitreous enamelware: Part 2 Test methods, Section 9 Resistance to dilute sulphuric	ISO/DIS 8290

acid (first revision)

17	IS 5165:1969	Interchangeable conical ground-glass	ISO/R 383:1976
18	IS 5457:1969	Sizes of folders and files	ISO 623
19	IS 5868:1983	Method of sampling for leather	ISO 2418,ISO 2419, ISO 2588 & ISO 4044
20	IS 6052:1988	Glass condensers (first revision)	ISO 4799:1979
21	IS 6213(Part 10):1975	Methods of test for pulp: Part 10 Determination of kappa number	ISO/R 302:1963
22	IS 6213(Part 11):1975	Methods of test for pulp: Part 11 Determination of acid insoluble ash	ISO/R 776
23	IS 6213(Part 12):1975	Methods of test for pulp: Part 12 Determination of calcium content	ISO/R 777:1968
24	IS 6213(Part 13):1975	Methods of test for pulp: Part 13 Determination of copper	ISO/R 778:1968
25	IS 6213(Part 14):1975	Methods of test for pulp: Part 14 Determination of iron	ISO/R 779:1968
26	IS 6213(Part 15):1975	Methods of test for pulp: Part 15 Determination of manganese	ISO/R 1830:1970
27	IS 6213(Part 18):1979	Methods of test for pulp: Part 18 Determination of chlorine consumption (degree of delignification)	ISO 3260:1975
28	IS 6213(Part 19):1985	Methods of test for pulp: Part 19 Determination of alkali solubility of pulp	ISO 692:1982
29	IS 6213(Part 20):1984	Methods of test for pulp: Part 20 Determination of alkali resistance of pulp	ISO 699:1982
30	IS 6213(Part 21):1984	Methods of test for pulp: Part 21 Determination of dry matter content	ISO 638:1978
31	IS 7063(Part 3):1976	Methods of test for corrugated fibreboard : Part 3 Water resistance of glued bond by immersion	ISO 3038:1975
32	IS 7063(Part 4):1976	Methods of test for corrugated fibreboard : Part 4 Determination of substance of the component papers	ISO 3039:1975
33	IS 7597:2001	Surfae active agents – Glossary of Terms (first revision)	ISO 862
34	IS 8729:1977	Principles of construction and adjustment of volumetric glassware	Draft ISO 384:1978
35	IS 8751(Part 1):1978	Footwear sizes in mondopoint system Part 1 Fundamental characteristics	ISO 2816:1973
36	IS 8751(Part 2):1978	Footwear sizes in mondopoint system Part 2 Length grading	ISO 3355:1975
37	IS 8787:1977	Principles of design, construction and use of liquid-in-glass thermometers	ISO/DIS 386

38	IS 9028:1976	Glossary of terms relating to paper	ISO/DP 6590
39	IS 9042:1978	Method of measurement and expression of the dimensions of paper sacks	ISO/DP 6591
40	IS 9154:1978	Methods of determination of alkali resistance of glass	ISO/R 695:1975 & DIN 52322:1967
41	IS 9621:1980	Principles of construction and adjustment of glass hydrometers	ISO 387:1977 & ISO 1768:1975
42	IS 10072:1982	Plastics beakers	ISO 7056:1981
43	IS 10073:1982	Plastics graduated measuring cylinders (which later got published ISO 6706:1981)	Doc:N 240
44	IS 10231:1982	Plastics filter funnels	ISO/DIS 7057:1981
45	IS 10279:1982	Overall trimmed sizes of articles of stationery that include detachable	ISO 618:1974
46	IS 10287:1982	Holes for general filing of paper	ISO 838:1974
47	IS 10516:1983	Methods of test for internal pressure resistance for glass containers	ISO/DIS 7458
48	IS 11469:1985	Method for assessing chemical resistance of enamels used for colour coding and colour marking	ISO 4794:1982
49	IS 11539:1986	Method of vertical load test for glass Containers	ISO 8113:1985
50	IS 11930:1986	Methods of thermal shock test for glass Containers	ISO 7459:1984
51	IS 12240(Part 7):1988	Methods of test for polyvinyl chloride boots: Part 7 Flexing test resistance to cut growth for soiling	ISO 4643:1980
52	IS 12240(Part 8):1988	Methods of test for polyvinyl chloride boots: Part Resistance to flexing for polyvinyl Chloride upper material	ISO 4643:1980
53	IS 12244(Part 1):1988	Colorimeter thermometers: Part 1 Solid-stem thermometers	ISO 651:1975
54	IS 12244(Part 2):1988	Colorimeter thermometers: Part 2 Enclosed scale thermometers	ISO 652:1975
55	IS 12305:1988	Laboratory sintered (fritted) filters, porosity grading, classification and	ISO 4793:1980
56	IS 12869(Part 1):1989	Methods for determination of viscosity and viscometric fixed points of glass: Part 1 Determination of viscosity by fibre elongation method	ISO 7884-3
57	IS 12869(Part 2):1989	Methods for determination of viscosity	ISO 7884-6:1985

and viscometric fixed points of glass:
Part 2 Determination of softening point

58	IS 12869(Part 3):1998	Methods for determination of viscosity and viscometric fixed points of glass: Part 3 Determination of annealing and strain point by beam bending method	ISO 7884:1981
59	IS 13800:1993	Shoe sizes – Method of marking	ISO 3844:1977
60	IS 14487:1997	Measurement of area of leather – Guideline	ISO 11646
61	IS 14837:2000	Laboratoryware - Silica crucible - Specification	ISO 1772:1975

ANNEX III
LIST OF IS UNDER BIS CERTIFICATION MARKS SCHEME UNDER 'CHD'

DATE 01 08 2014

S No	IS No	Sectional Committee No.	Title	No. of Licensees
1	IS 133 : 2004	CHD 20	ENAMEL, INTERIOR : (A) UNDERCOATING (B) FINISHING -	4
2	IS 158 : 1981	CHD 20	READY MIXED PAINT, BRUSHING, BITUMINOUS, BLACK, LEAD-FREE, ACID, ALKALI AND HEAT RESISTING	1
3	IS 164 : 1981	CHD 20	READY MIXED PAINT FOR ROAD MARKING	3
4	IS 251 : 1998	CHD 1	SODA ASH, TECHNICAL -	2
5	IS 252 : 1991	CHD 1	CAUSTIC SODA, PURE AND TECHNICAL	3
6	IS 261 : 1982	CHD 1	COPPER SULPHATE	17
7	IS 266 : 1993	CHD 1	SULPHURIC ACID	1
8	IS 285 : 1992	CHD 25	LAUNDRY SOAPS -	1
9	IS 299 : 2012	CHD 1	ALUMINO-FERRIC	17
10	IS 341 : 1973	CHD 20	BLACK JAPAN, TYPES A, B AND C	1
11	IS 384 : 2002	CHD 24	BRUSHES, PAINTS AND VARNISHES, FLAT -	1
12	IS 411 : 1991	CHD 20	TITANIUM DIOXIDE, ANATASE, FOR PAINTS	2
13	IS 419 : 1967	CHD 20	PUTTY, FOR USE ON WINDOW FRAMES	1
14	IS 427 : 1965	CHD 20	DISTEMPER, DRY, COLOUR AS REQUIRED	4
15	IS 428 : 2000	CHD 20	WASHABLE DISTEMPER -	7
16	IS 553 : 1984	CHD 20	ROSIN (GUM ROSIN)	2
17	IS 797 : 1982	CHD 1	COMMON SALT FOR CHEMICAL INDUSTRIES	3
18	IS 868 : 1990	CHD 23	SEALING WAX	1
19	IS 878 : 1975	CHD 10	GRADUATED MEASURING CYLINDERS	1
20	IS 915 : 1975	CHD 10	ONE-MARK VOLUMETRIC FLASKS	1

21	IS 1015 : 2000	CHD 17	LEATHER PUMP BUCKETS AND SEAT VALVES MADE FROM VEGETABLE TANNED LEATHER -	2
22	IS 1061 : 1997	CHD 25	DISINFECTANT FLUIDS, PHENOLIC TYPE -	62
23	IS 1065 : 1989	CHD 1	BLEACHING POWDER, STABLE -	30
24	IS 1069 : 1993	CHD 13	QUALITY TOLERANCES FOR WATER FOR STORAGE BATTERIES -	1
25	IS 1117 : 1975	CHD 10	ONE-MARK PIPETTES	1
26	IS 1221 : 1991	CHD 14	FOUNTAIN PEN INK - DYE BASED -	2
27	IS 1222 : 1992	CHD 14	INK, DUPLICATING, FOR TWIN CYLINDER ROTARY MACHINES	1
28	IS 1381 (Part 1) : 2003	CHD 10	LABORATORY GLASSWARE - NARROW-NECKED BOILING FLASKS	1
29	IS 1551 : 1991	CHD 14	CARBON PAPERS FOR TYPEWRITER	2
30	IS 1746 : 1992	CHD 23	SHOE POLISH, PASTE	6
31	IS 1848 : 2007	CHD 15	WRITING AND PRINTING PAPER (FOURTH REVISION)	13
32	IS 1919 : 1982	CHD 1	SODIUM HYDROSULPHITE	1
33	IS 1989 (Part 1) : 1986	CHD 19	LEATHER SAFETY BOOTS AND SHOES - PART 1 : FOR MINERS	2
34	IS 1989 : Part 2 : 1986	CHD 19	LEATHER SAFETY BOOTS AND SHOES - PART 2 : FOR HEAVY METAL INDUSTRIES	1
35	IS 1997 : 1982	CHD 10	BURETTES	1
36	IS 2074 : 1992	CHD 20	READY MIXED PAINT, AIR DRYING, RED OXIDE ZINC CHROME, priming	3
37	IS 2124 : 2000	CHD 1	SODIUM BICARBONATE -	2
38	IS 2142 : 1992	CHD 1	BROMINE, TECHNICAL	2
39	IS 2553 : Part 1 : 1990	CHD 10	SAFETY GLASS - - PART 1 : GENERAL PURPOSE	12
40	IS 2553 : Part 2 : 1992	CHD 10	SAFETY GLASS - - PART 2 : FOR ROAD TRANSPORT	21
41	IS 2573 : 1986	CHD 17	LEATHER GAUNTLETS AND MITTENS	4
42	IS 2619 : 1993	CHD 10	GLASS BEAKERS	1
43	IS 2653 : 2004	CHD 26	SAFETY MATCHES IN BOXES	14
44	IS 2730 : 1977	CHD 1	MAGNESIUM SULPHATE (EPSOM SALT)	1
45	IS 2888 : 2004	CHD 25	TOILET SOAP	1
46	IS 2932 : 2003	CHD 20	ENAMEL, SYNTHETIC, EXTERIOR : (A) UNDERCOATING (B) FINISHING -	10
47	IS 3104 : Part 1 : 1982	CHD 10	DENSITY HYDROMETERS: PART I REQUIREMENTS	6
48	IS 3450 : 1994	CHD 14	CARBON PAPERS, HANDWRITING	2
49	IS 3521 : 1999	CHD 8	INDUSTRIAL SAFETY BELTS AND HARNESSSES - SPECIFICATION	25
50	IS 3735 : 1996	CHD 19	CANVAS SHOES, RUBBER SOLE -	3
51	IS 3736 : 1995	CHD 19	CANVAS BOOTS, RUBBER SOLE -	3
52	IS 3976 : 2003	CHD 19	PROTECTIVE RUBBER CANVAS BOOTS FOR MINERS -	4
53	IS 4199 : 2001	CHD 25	TOILET SOAP, LIQUID -	1
54	IS 5086 : 1993	CHD 14	STENCIL PAPER	1
55	IS 5410 : 1992	CHD 20	CEMENT PAINT	20
56	IS 5487 : 1992	CHD 23	METAL POLISH, LIQUID	1

57	IS 5557 : 2004	CHD 19	SAFETY RUBBER BOOTS -	1
58	IS 5676 : 1995	CHD 19	MOULDED SOLID RUBBER SOLES AND HEELS -	1
59	IS 5852 : 2004	CHD 19	PROTECTIVE STEEL TOE CAPS FOR FOOTWEAR -	6
60	IS 6047 : 2009	CHD 25	SCOURING PRODUCTS FOR UTENSIL CLEANING -	3
61	IS 6956 : 2001	CHD 15	COVER PAPER -	1
62	IS 7402 : 1986	CHD 9	FILTERS FOR DRINKING WATER PURPOSES	1
63	IS 7532 : 1974	CHD 25	SOFT SOAP	6
64	IS 9473 : 2002	CHD 8	RESPIRATORY PROTECTIVE DEVICES - FILTERING HALF MASKS TO PROTECT AGAINST PARTICLES	6
65	IS 9825 : 2003	CHD 1	CHLORINE TABLETS -	4
66	IS 10025 : 1981	CHD 23	POLISH LIQUID (WHITE) FOR CANVAS FOOTWEAR	1
67	IS 10212 : Part 1 : 1986	CHD 26	GENERAL REQUIREMENTS FOR PACKAGES OF EXPLOSIVES: PART 1 COMMERCIAL HIGH EXPLOSIVES	20
68	IS 10245 : Part 2 : 1994	CHD 8	RESPIRATORY PROTECTIVE DEVICES - BREATHING APPARATUS PART 2 OPEN CIRCUIT BREATHING APPARATUS	3
69	IS 10592 : 1982	CHD 8	INDUSTRIAL EMERGENCY SHOWERS, EYE AND FACE FOUNTAINS AND COMBINATION UNITS	5
70	IS 10758 : 1983	CHD 25	DE-ODORISING-CUM-DISINFECTANT FLUIDS	6
71	IS 11087 : 1986	CHD 15	PAPER FOR MAGNETIC INK CHARACTER RECOGNITION CHEQUE PRINTING	6
72	IS 11226 : 1993	CHD 19	LEATHER SAFETY FOOTWEAR HAVING DIRECT MOULDED RUBBER SOLE -	3
73	IS 11673 : 1992	CHD 1	SODIUM HYPOCHLORITE SOLUTION -	3
74	IS 12254 : 1993	CHD 19	POLYVINYL CHLORIDE (PVC) INDUSTRIAL BOOTS -	5
75	IS 12950 : 1990	CHD 10	BATTERY HYDROMETER PORTABLE SYRINGE TYPE FOR LEAD-ACID BATTERIES	1
76	IS 13209 : 1991	CHD 14	INDELIBLE INK	1
77	IS 13213 : 1991	CHD 20	POLYURETHANE FULL GLOSS ENAMEL (TWO PACK)	3
78	IS 14166 : 1994	CHD 8	RESPIRATORY PROTECTIVE DEVICES : FULL FACE MASKS -	3
79	IS 14490 : 1997	CHD 15	PLAIN COPIER PAPER -	2
80	IS 14544 : 1998	CHD 19	LEATHER SAFETY FOOTWEAR WITH DIRECT MOULDED PVC SOLES -	1
81	IS 14746 : 1999	CHD 8	RESPIRATORY PROTECTIVE DEVICES - HALF MASKS AND QUARTER MASKS -	3
82	IS 14898 : 2001	CHD 17	ECO CRITERIA FOR FINISHED LEATHER -	1
83	IS 15298 : Part 2 : 2002	CHD 19	SAFETY, PROTECTIVE AND OCCUPATIONAL FOOTWEAR FOR PROFESSIONAL USE - PART 2 : SAFETY FOOTWEAR	33
84	IS 15298 : Part 3 : 2002	CHD 19	SAFETY, PROTECTIVE AND OCCUPATIONAL FOOTWEAR FOR PROFESSIONAL USE - PART 3 : PROTECTIVE FOOTWEAR	3
85	IS 15298 : Part 4 : 2010	CHD 19	SAFETY, PROTECTIVE AND OCCUPATIONAL FOOTWEAR FOR PROFESSIONAL USE - PART 4 : OCCUPATIONAL FOOTWEAR	1
86	IS 15323 : 2003	CHD 8	GAS FILTERS AND COMBINED FILTERS USED IN RESPIRATORY PROTECTIVE EQUIPMENT	3
87	IS 15489 : 2004	CHD 20	- PAINT, PLASTIC EMULSION -	1
88	IS 15573 : 2005	CHD 13	POLYALUMINIUM CHLORIDE	8

ANNEX IV
INDIAN STANDARDS UNDER CHD WITH ECO MARK CRITERIA

Sl. No.	IS No.	TITLE
SOAPS & DETERGENTS		
1.	285:1992	Laundry Soaps (third revision)
2.	2887:1993	Laundry Soap Powders (second revision)
3.	2888:2004	Toilet Soap (third revision)
4.	4199:2001	Liquid Toilet Soap (third revision)
5.	5784:2001	Shaving Soap (first revision)
6.	10523:1983	Baby toilet Soap
7.	11303:1985	Transparent toilet soap
8.	11479(Part 1):2001	Antibacterial toilet soap-Part 1 solid cake
9.	11479 (Part 2): 2001	Antibacterial toilet soap- Part 2 Liquid
10.	4955:2001	Household laundry detergent powders (fourth revision)
11.	4956:2001	Synthetic detergent for industrial purpose (second revision)
12.	8180:1992	Household laundry detergent bars (second revision)
13.	9458:1994	Synthetic detergents for washing woollen and silk fabrics(first revision)
PAPER		
1.	1396:1960	Blotting paper (Withdrawn)
2.	1774:1986	Paper for permanent records (first revision)
3.	1775:1981	Base paper for sensitized paper (first revision)
4.	1848:2007	Writing and printing paper (fourth revision)
5.	2483:1986	Ticket board (first revision)
6.	2991:1988	Base paper for waxed paper (first revision)
7.	3064:1986	Handmade drawing paper (first revision)
8.	3302:1986	Backing sheet for stencil (first revision)
9.	3303:1997	Match paper for match box(second revision)
10.	3413:2004	Base paper for carbon paper (second revision)
11.	3673:1986	Alkali resistant paper (first revision)
12.	4658:1988	Coated paper and board (art and chromo) (first revision)
13.	4664:1986	Pulp board (first revision)
14.	6956:2001	Cover paper(first revision)
15.	8431:1986	Tracing paper (first revision)
16.	8460:1977	Wrapping tissue paper
17.	9032;1978	Diazo sensitized paper
18.	9033:1978	Reproduction tracing paper
19.	10405:1982	Black centered board
20.	IS 11087: 1986	Paper for magnetic ink character recognition cheque printing (first revision)
21.	11687:1986	Base paper for tracing paper
22.	11688 : 1999	Newsprint paper(first revision)
23.	12765 : 1989	Map printing paper
24.	12788 : 1997	paper for computer use (first revision)

25.	12808:1989	Base paper for one time carbon paper
26.	14490:1997	Plain copier paper – Specification

ARCHITECTURAL PAINTS AND POWDER COATING

1.	164:1981	Ready mixed paint for road marking (first revision)
2.	427:2013	Distemper, dry colour as required (third revision)
3.	428:2013	Distemper, oil emulsion, colour as required (third revision)
4.	5410:2013	Cement paint (second revision)
5.	5411 (Pt.1):1974	Plastic emulsion paint Part 1 for interior use (first revision) WITHDRAWN
6.	5411(Pt.2):1972	Plastic emulsion paint Part 2 for exterior use WITHDRAWN
7.	13871:1993	Powder coatings

PACKAGING MATERIAL/PACKAGE: PAPER, PAPER BOARDS INCLUDING LAMINATES

1.	2771 (Pt. 2):1975	Fibreboard boxes:Part 2 Solid fibreboard boxes (first revision)
2.	6615:1972	General purpose packing/ wrapping paper
3	6622:1972	Grease proof paper
4	7151:1991	Corrugated fibreboard boxes for para-dropping of supplies(first revision)
5	7601:1983	Fibreboard drum for general purpose (first revision)
6	9493:1980	Cartons for non-soapy detergents
7	9988:1981	Waxed paper for bread and biscuits
8	10212(Pt.1):1986	General requirements for packages of explosives: Part 1 Commercial high explosives (first revision)
9	11324:1985	Multi-ply paper sacks for carbon black
10	11357:1985	Composite containers for dry products
11	11761:1997	Multi-wall paper sacks for cement (first revision)
12	1397:1990	Kraft paper (second revision)
13	1398:1982	Packing paper, water-proof, bitumen laminated (second revision)
14	1776:1989	Folding box board, uncoated (first revision)
15	2617:2006	Millboard, greyboard and strawboard (first revision)
16	3263:1981	Waxed paper for confectionery (first revision)
17	3962:1967	Waxed paper for general packaging
18	9588:1990	Kraft liner(first revision)
19	12999:1990	Folding box board, coated

FINISHED LEATHER

1	14898:2001	Eco criteria for finished leather – Specification
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ANNEX V**LIST OF HINDI/BILINGUAL STANDARDS****A) PUBLISHED STANDARD IN HINDI**

1	IS 1375:1981	Black lead pencil (first revision)
2	IS 1989 (Part 1:1986	Specification for leather safety boot and shoes Part 1: for miners (fourth revision) (Amendment no. 3)
3	IS 2960:1964	Book binding leather (Amendment no. 1)
4	IS 7402:1986	Specification for filters for drinking water purposes (first revision)
5	IS 11503:1985	Slates writing school
6	IS 7532:1972	Specification for soft soap

B) BILINGUAL PUBLISHED STANDARD

1	IS 3705:1980	Specification for ball point pens (first revision)
2	IS 5195:1969	Specification for paper stationery item for school
3	IS 6350:1985	Shoe cream (first revision)
4	IS 10177:1982	Ice cream cup and lids, Amendment no. 1
5	IS 4175:1981	Correcting fluid (first revision)

ANNEX VI
MEMBRSHIP STATUS IN ISO/IEC COMMITTEES AND SUB COMMITTEES

[A] ISO/TC SECRETARIAT

- | | | |
|----|-----------------|---|
| 1. | ISO/TC 120 | Leather |
| 2. | ISO/TC 120/SC 1 | Raw hides and skins including pickled pelts |
| 3. | ISO/TC 120/SC 2 | Tanned Leather |
| 4. | ISO/TC 120/SC 3 | Leather Products |
| 5. | ISO/TC 120/WG 1 | Terminology |

[B] "P" MEMBERSHIP

Sl.No.	ISO/TC/SC	Title
1.	TC 6	Paper, board and pulps
2.	TC 6/SC2	Test methods and quality specifications for paper and board
3.	TC 35	Paints and varnishes
4.	TC 35/SC9	General test methods for paints and varnishes
5.	TC 35/SC10	Test methods for binders for paints and varnishes
6.	TC 47	Chemistry
7.	TC 47/SC1	General methods
8.	TC 48	Laboratory glassware and related apparatus
9.	TC 48/SC 3	Thermometers
10.	TC 48/SC 4	Density measuring instruments
11.	TC 63	Glass containers
12.	TC 85	Nuclear Energy
13.	TC 85/SC2	Radiation Protection
14.	TC 85/SC5	Nuclear Fuel Technology
15.	TC 85/SC6	Reactor Technology
16.	TC 91	Surface active agents
17.	TC 94/SC 3	Foot protection
18.	TC 94/SC 4	Personal equipment for protection against falls
19.	TC 94/SC 15	Respiratory protective devices
20.	TC 137	Footwear sizing designations and marking system
21.	TC 146	Air quality
22.	TC 146/SC1	Stationary source emissions
23.	TC 146/SC2	Workplace atmospheres
24.	TC 146/SC3	Ambient atmospheres
25.	TC 146/SC6	Indoor air
26.	TC 147	Water quality
27.	TC 147/SC2	Physical, chemical and biochemical methods
28.	TC 147/SC3	Radioactivity measurements in water
29.	TC 147/SC4	Microbiological methods
30.	TC 147/SC6	Sampling (general methods)
31.	TC 160/SC1	Product considerations
32.	TC 163	Thermal performance & energy used in the building environment
33.	TC 163/SC 1	Test and measurement methods
34.	TC 163/SC 3	Thermal Insulation products
35.	TC 197	Hydrogen Technology
36.	TC206	Fine Ceramic
37.	TC 207	Environmental Management
38.	TC 207/SC 1	Environmental Management system
39.	TC 207/SC 2	Environmental auditing and related environmental investigations
40.	TC 207/SC 3	Environmental labeling

41.	TC 207/SC 4	Environmental performance evaluation
42.	TC 207/SC 5	Life cycle assessment
43.	TC 207/SC 5/WG 8	Water footprint
44.	TC207/SC7	Greenhouse gas management and related activities
45.	TC 207/SC 7/WG 4	Quantification and reporting of greenhouse gas emissions and removals at organizational level
46.	TC 207/SC 7/WG 5	Quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements for projects
47.	TC 207/SC 7/WG 6	Joint ISO/TC 207/SC 7 – ISO/CASCO WG; Validation and verification of greenhouse gas assertions and bodies for use in accreditation or other forms of recognition
48.	TC 216	Footwear
49.	PC 253	Project Committee: Treated waste water reuse for irrigation
50.	TC 264	Fireworks
51.	TC 265	Carbon dioxide capture, transportation, and geological storage
52.	TC 275	Sludge recovery, recycling, treatment and disposal
53.	TC 282	Water re-use
54.	IULTCS	International Union of Leather Technologists and Chemists Societies

ANNEX VII
LIST OF MANDATORY STANDARD

NIL

ANNEX VIII
LIST OF IS TRANSFERRED TO OTHER DEPARTMENTS

(SINCE 1 NOVEMBER 2008)

- | | | |
|---|-----------------|--|
| 1 | IS 11673 : 1985 | Specification for silicon carbide for bonded abrasive products |
| 2 | IS 15477 : 2004 | Adhesives for use with ceramic tiles and mosaics. |

ANNEX IX

LIST OF SPECIAL PUBLICATIONS

NIL