

CHD

PROGRAMME OF WORK
(As on 1 Jan 2012)

Chemical Department
(CHD)



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

C O N T E N T S

COMMITTEE WISE POSITISION OF WORK OF CHEMICAL DIVISION COUNCIL (CHDC)

<u>Sl.No.</u>	<u>Title</u>
1.	STATISTICS AT A GLANCE
2.	CHD 1 INORGANIC CHEMICALS SECTIONAL COMMITTEE
3.	CHD 5 ELECTROPLATING AND PHOTOGRAPHIC MATERIAL SECTIONAL COMMITTEE
4.	CHD 6 INDUSTRIAL GASES SECTIONAL COMMITTEE
5.	CHD 8 OCCUPATIONAL SAFETY, HEALTH AND CHEMICAL HAZARDS SECTIONAL COMMITTEE
6.	CHD 9 CERAMICWARE SECTIONAL COMMITTEE
7.	CHD10 GLASS, GLASSWARE AND LABORATORYWARE SECTIONAL COMMITTEE
8.	CHD 13 WATER QUALITY FOR INDUSTRIAL PURPOSES SECTIONAL COMMITTEE
9.	CHD 14 PRINTING INKS, STATIONERY AND ALLIED PRODUCTS SECTIONAL COMMITTEE
10.	CHD 15 PAPER AND ITS PRODUCTS SECTIONAL COMMITTEE
11.	CHD 17 LEATHER , TANNING MATERIALS AND ALLIED PRODUCTS SECTIONAL COMMITTEE
12.	CHD 19 FOOTWEAR SECTIONAL COMMITTEE
13.	CHD 20 PAINTS, VARNISHES AND RELATED PRODUCTS SECTIONAL COMMITTEE
14.	CHD 23 LAC, LAC PRODUCTS AND POLISHES SECTIONAL COMMITTEE
15.	CHD 24 BRUSHWARE SECTIONAL COMMITTEE
16.	CHD 25 SOAPS AND OTHER SURFACE ACTIVE AGENTS SECTIONAL COMMITTEE
17.	CHD 26 EXPLOSIVES AND PYROTECHNICS SECTIONAL COMMITTEE
18.	CHD 27 THERMAL INSULATION SECTIONAL COMMITTEE
19.	CHD 30 NUCLEAR MATERIALS FOR PEACEFULL APPLICATIONS SECTIONAL COMMITTEE
20.	CHD 32 ENVIRONMENT PROTECTION AND WASTE MANAGEMENT (EXCLUDING BIOMEDICAL AND NUCLEAR WASTE) SECTIONAL COMMITTEE
21.	CHD 34 ENVIRONMENTAL MANAGEMENT SECTIONAL COMMITTEE

STATISTICS AT A GLANCE

ASPECTWISE POSITION OF STANDARDS

ASPECT OF STANDARD	NUMBER OF STANDARDS
PRODUCT	961
METHODS OF TEST	363
CODES OF PRACTICE	153
TERMINOLOGY	30
DIMENSIONS	24
SYMBOLS	—
OTHERS	42
TOTAL	1573

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

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
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	
6	IS 252:1991	Caustic soda, pure and technical (third revision)	Feb 2010	1
7	IS 254:1973	Specification for Magnesium chloride (second	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)	Nov 2007	
13	IS 261:1982	Copper sulphate (second revision)	Feb 2011	1
14	IS 262:1982	Specification for Ferrous sulphate, heptahydrate (second revision)	Feb 2011	
15	IS 264:2005	Nitric acid - Specification (third revision)		
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)	Nov 2007	
20	IS 299:1989	Alumino-ferric (fourth revision)	Feb 2011	2
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	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	Dec 1997	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	1
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	
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	Feb 2011	
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	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	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	Feb 2010	
60	IS 2124:2000	Sodium bicarbonate - Specification (second	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	Nov 2007	
64	IS 2317:1975	Method for gravimetric determination of sulphates(first revision)	Feb 2010	

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** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

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	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	Nov 2007	
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 sulfoxylate	Feb 2010	2
87	IS 4581:1978	Phosphorus trichloride, pure and analytical reagent (first revision)	Feb 2010	

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** INDICATES STANDARDS TO BE REVISED
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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	Feb 2011	1
92	IS 5288:1980	Specification for Barium chloride (first revision)	Feb 2010	1
93	** IS 5298:1983	Method for determination of distillation range and of distillation yield (first revision)	Feb 2011	
94	IS 5301:1987	Sodium chlorate (first revision)	Nov 2007	2
95	IS 5305:1969	Method for volumetric determination of	Feb 2010	
96	IS 5316:1998	Ammonium carbonate - Specification (first	Feb 2010	
97	IS 5321:1969	Soda lime (as carbon dioxide absorbent)	Feb 2010	2
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	
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	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	
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	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)		
129	IS 8883(Part 2/Sec 1):1978	Methods of sampling chemicals and chemical products: Part 2 Sampling equipment - Sec 1 For	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	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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** INDICATES STANDARDS TO BE REVISED
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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	Apr 2004	
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	

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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	3
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

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** INDICATES STANDARDS TO BE REVISED
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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	Nov 2007
191	IS 15556:2005	Volumetric & Spectrophotometric estimation of iron (Amalgamating of IS 4284 & IS 4542)	
192	IS 15557:2005	Method for preparation of Buffer Solutions and Methods for determination of pH (Superseding of IS 3225 and IS 5741)	

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(1836)	Caustic Soda, Pure and technical (fourth revision of IS 252) C2
3	DOC.CHD 1(1793)	Alumino-Ferric- Specification (Fifth revision of IS
4	DOC.CHD 1(1840)	Method for determination of distillation range and Distillation yield (second revision of IS 5298)

DRAFT STANDARDS FORMULATED

1	DOC.CHD 1(1918)	Sodium formaldehyde sulphoxylate (first revision of IS 4505)
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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

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 246:1986	Sodium thiosulphate, crystalline, photographic grade (fourth revision)	Nov 2008	
2	IS 330:1992	Chromium trioxide (second revision)	Nov 2008	
3	IS 388:1999	Hydroquinone, photographic grade - Specification (third revision)	Jan 2006	
4	IS 500:1999	Potassium metabisulphite, photographic grade - Specification (fourth revision)	Jan 2006	
5	IS 557:1988	Sodium acetate, photographic grade (third revision)	Nov 2008	
6	IS 1809:1979	Nickel salts for electroplating (second revision)	Nov 2008	1
7	IS 1880:1977	Zinc oxide and zinc salts for electroplating (first revision)	Nov 2008	
8	IS 2211:1993	Sodium thiosulphate, anhydrous, photographic grade (third revision)	Jan 2006	
9	IS 2214:1977	Specification for Silver nitrate, pure and analytical reagent (first revision)	Nov 2008	
10	IS 2318:1980	Silver nitrate, photographic grade (second revision)	Nov 2008	
11	IS 3026:1991	Tin salts for electroplating (second revision)	Nov 2008	
12	IS 4173:1975	4-methyl aminophenol sulphate (first revision)	Nov 2008	1
13	IS 4846:1968	Sodium potassium tartrate (Rochelle salt)	Nov 2008	
14	IS 4847:2006	Copper salts for electroplating - Specification(second revision)	Nov 2008	
15	IS 5003:1968	Cadmium oxide for electroplating	Nov 2008	
16	IS 5379:1969	Ammonium thiosulphate, photographic grade	Nov 2008	1
17	IS 5380:1976	Sodium bromide, photographic grade (first revision)	Nov 2008	
18	IS 5761(Part 1):1984	Specification for Gold cyanide and gold potassium cyanide for electroplating (first revision): Part 1 For commercial/engineering applications	Nov 2008	

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19	IS 5761(Part 2):1984	Gold cyanide and gold potassium cyanide for electroplating (first revision): Part 2 For special applications	Nov 2008	
20	IS 6139:1990	Sizes of black and white and colour photographic paper in sheets for general use (first revision)	Nov 2008	
21	IS 6155:1987	Sodium carbonate, monohydrate, photographic grade (first revision)	Nov 2008	
22	IS 6212:1992	Determination of thiosulphate and other residual chemicals in processed photographic films, plates and papers (first revision)	Nov 2008	
23	IS 6267:1971	Specification for Silver cyanide and silver potassium cyanide for electroplating	Nov 2008	1
24	IS 6358:1971	Potassium and sodium cyanides for electroplating	Nov 2008	1
25	IS 6588:1972	Gold chloride (chloroauric acid)	Nov 2008	
26	IS 6650:1972	Method for determination of residual thiosulphate and tetrathionate in processed photographic papers	Nov 2008	
27	IS 6678:1972	Specification for Ammonium thiosulphate solution, photographic grade	Nov 2008	1
28	IS 7038:1973	Chloroplatinic acid (Platinum chloride)	Nov 2008	
29	IS 7067:1973	Fluoboric acid and metal fluoborates for	Nov 2008	
30	IS 8281:1976	Hydroxylamine sulphate, photographic grade	Nov 2008	
31	IS 8590:1977	Indium sulphate for electroplating	Nov 2008	
32	IS 8984:1978	Dimensions of 127, 120 and 620 roll film backing paper and film spools	Jan 2006	1
33	IS 9341:1979	Sulphamic acid for electroplating	Nov 2008	
34	IS 9342:1987	Sodium hypophosphite for electroless plating (first revision)	Nov 2008	1
35	IS 9343:1979	1-phenyl-3-pyrazolidone, photographic grade	Nov 2008	1
36	IS 9909:1981	Succinic acid for electroless plating	Nov 2008	
37	IS 9923:1981	Palladium salts for electroplating	Nov 2008	
38	IS 9924:1981	Rhodium salts for electroplating	Nov 2008	
39	IS 10246:1982	N-N Diethyl-p-phenylenediamine sulphate, photographic grade	Nov 2008	
40	IS 10329:1982	Method for sensitometry of photographic papers	Nov 2008	

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** INDICATES STANDARDS TO BE REVISED
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41	IS 10396:1982	Methods for determining the curl of photographic film	Nov 2008
42	IS 10419:1982	Methods for determining the brittleness of photographic film	Nov 2008
43	IS 10438:1983	Specification for Potassium sulphite 650 g/l Aqueous solution for photographic Industry	Nov 2008 1
44	IS 10472:1983	Filter-aid powders for use in electroplating	Nov 2008
45	IS 10668:1983	Sodium formaldehyde bisulphite, anhydrous, photographic grade	Nov 2008
46	IS 10982:1984	Strontium sulphate for electroplating	Nov 2008
47	IS 11484:1985	Phenol sulphonic acid for electroplating	Nov 2008
48	IS 11603:1986	Ammonium thiocyanate, photographic grade	Nov 2008
49	IS 11751:1986	Sodium sulphite, anhydrous, photographic grade	Nov 2008
50	IS 11752:1986	Sodium metabisulphite, photographic grade	Nov 2008
51	IS 11788:1986	Specification for 2-amino-5-diethyl-Laminototune photographic grade, Hydrochloride	Nov 2008
52	IS 12121:1987	Sodium carbonate, anhydrous, photographic grade	Nov 2008
53	IS 12125:1987	Benzotriazole, photographic grade	Nov 2008
54	IS 12201:1987	Hydro fluosilicic acid for electroplating	Nov 2008
55	IS 12495:1988	Potassium ferricyanide, photographic grade	Nov 2008
56	IS 12496:1988	Sizes of film for industrial radiography	Nov 2008
57	IS 12517:1988	Sizes of photographic film for graphic arts use	Nov 2008
58	IS 12519:1988	Zinc pyrophosphate for electroplating	Nov 2008
59	IS 12533:1988	Sizes of paper in rolls for phototypesetting and photolettering devices	Nov 2008
60	IS 12551:1988	Potassium pyrophosphate for electroplating	Nov 2008
61	IS 12557:1988	Sodium pyrophosphate for electroplating	Nov 2008
62	IS 12846:1989	Boric acid, photographic grade	Nov 2008
63	IS 12865:1989	Potassium persulphate, photographic grade	Nov 2008

* 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	Nov 2008
65	IS 12925:1990	Ferric Ammonium - EDTA solution for photographic industry	Nov 2008
66	IS 13014:1990	Sodium gluconate for electroplating	Nov 2008
67	IS 13075:1991	Sizes of rolls of black and white and colour paper for roll paper printers	Nov 2008
68	IS 13104:1991	2-Amino-5-[N-ethyl N-2, hydroxy ethyl] aminotoluene sulphate, Photographic grade (CD-4)	Nov 2008
69	IS 13105:1991	2-Amino-5-[N-Ethyl N-(2-methane) sulphonamido Ethyl] Aminotoluene, sesqui sulphate (monohydrate), Photographic Grade (CD-3)	Nov 2008
70	IS 13106:1991	Potassium bromide, photographic grade	Nov 2008
71	IS 13381:1992	Potassium carbonate, Anhydrous and sesquihydrate, Photographic Grade - Specification	Nov 2008
72	IS 13443:1992	Methylene chloride for degreasing prior to	Nov 2008
73	IS 13651:1993	1-1-1 Trichloroethane (methyl chloroform) for electroplating	Jan 2006
74	IS 15304:2003	Dipotassium Hydrogen Phosphate for electroplating - specification	Nov 2008

** 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
b) To liaise with

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

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	** IS 307:1966	Carbon dioxide (second revision)	Dec 2006	
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	Mar 2008	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)	Dec 2006	
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	Dec 2006	
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	Jun 2008	
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 8573(Part 1):2001 / ISO 8573-1:2001	Compressed air- Part 1: Contaminant and purity classes		

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.CHD 6(1473)	Specification for Hydrogen fuel Part 1: All applications except proton exchange membrane (PEM) fuel cells for road vehicles		
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* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 6(1710) / ISO 6141:2000	Gas analysis - Requirements for certificates for calibration gases and gas mixtures.
2	DOC.CHD 6(1711) / ISO 6142:2001	Gas analysis - Preparation of calibration gas mixture - Gravimetric method
3	DOC.CHD 6(1712) / ISO 6143:2001	Gas analysis - Comparison methods for determining 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) / ISO 6145-4:2004	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(1727) / ISO 14912:2003	Gas analysis - Conversion of gas mixture composition data

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 8 OCCUPATIONAL SAFETY & HEALTH AND CHEMICAL HAZARDS

- SCOPE**
- a) To formulate Indian Standard on
 - i) Terminology relating to occupational safety and chemical hazards, methods of sampling and test, code of practice for procedures and specification for safety equipment made of various alternative materials of construction and occupational safety and health management system, procedure and practices;
 - 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;
 - b) LIAISON - To co-ordinate with the work of ISO/TC 94 Personal Safety - Protective Clothing and Equipment and with the work of international organization dealing with safety in chemical industry.

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 1446:2002	Classification of dangerous goods (second revision)	Feb 2009	
2	IS 3521:1999	Industrial safety belts and harnesses - Specification (third revision)	Feb 2009	2
3	IS 3786:1983	Methods for computation of frequency and severity rates for industrial injuries and classification of industrial accidents (first revision)	Feb 2009	
4	IS 4155:1966	Glossary of terms relating to chemical and radiation hazards and hazardous chemicals	Feb 2007	2
5	** IS 4209:1987	Code of safety in chemical laboratories (first	Feb 2007	1
6	IS 4262:2002	Sulphuric acid -Code of safety	Feb 2009	
7	IS 4263:1967	Code of safety for chlorine	Feb 2007	2
8	IS 4264:1967	Code of safety for caustic soda	Feb 2007	1
9	IS 4312:1967	Code of safety for lead and its compounds	Feb 2009	1
10	IS 4544:2000	Ammonia -Code of safety (first revision)	Feb 2006	1
11	IS 4560:1968	Code of safety for nitric acid	Feb 2007	
12	IS 4644:1968	Code of safety for benzene, toluene and xylene	Feb 2007	
13	IS 4906:1968	Code of safety for radiochemical laboratory	Feb 2009	
14	IS 5184:1969	Code of safety for hydrofluoric acid	Feb 2009	1
15	IS 5208:1969	Code of safety for acetic acid	Feb 2007	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

16	IS 5302:1969	Code of safety for acetic anhydride	Feb 2009	1
17	IS 5311:1969	Code of safety for carbon tetrachloride	Feb 2009	1
18	IS 5685:1970	Code of safety for carbon disulphide	Feb 2009	2
19	IS 5931:1970	Code of safety for handling cryogenic liquids	Feb 2009	1
20	IS 5983:1980	Specification for Eye-protectors (first revision)	Feb 2007	1
21	IS 6156:1971	Code of safety for chlorosulphonic acid	Feb 2009	1
22	IS 6164:1971	Code of safety for hydrochloric acid	Feb 2009	
23	IS 6269:1971	Code of safety for ethylene oxide	Feb 2009	1
24	IS 6270:1971	Code of safety for phenol	Feb 2007	
25	IS 6818:1973	Code of safety for phosphoric acid	Feb 2009	2
26	IS 6819:1973	Code of safety for calcium carbide	Feb 2009	
27	IS 6953:1973	Code of safety for bromine	Dec 2003	
28	IS 6954:1973	Code of safety for caustic potash	Feb 2009	1
29	** IS 6994(Part 1):1973	Specification for Industrial Safety Gloves: Part 1 Leather and cotton gloves	Feb 2007	2
30	IS 7415:1974	Code of safety for aniline	Feb 2007	
31	IS 7420:1974	Code of safety for phthalic anhydride	Feb 2009	1
32	IS 7444:1974	Code of safety for methanol	Feb 2007	
33	IS 7445:1974	Code of safety for acetone	Feb 2009	1
34	IS 7524(Part 1):1980	Methods of test for eye protectors: Part 1 Non- optical tests (first revision)	Feb 2007	
35	IS 7524(Part 2):1979	Methods of test for eye protectors: Part 2 Optical tests (first revision)	Feb 2007	
36	IS 7812:1975	Code of safety for mercury	Feb 2009	1
37	* IS 8089:1976	Code of safe practice for layout of outside facilities in an industrial plant	Feb 2007	1
38	IS 8091:2008	Industrial Plant Layout - Code of safe practice (first revision)	2001	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

39	IS 8095:1976	Specification for Accidents prevention tags	Feb 2007	
40	IS 8185:1976	Code of safety for phosgene	Feb 2009	1
41	IS 8218(Part 1):1976	Safety code for plant railways Part 1 Layout	Feb 2007	
42	IS 8218(Part 2):1982	Safety code for plant railways Part 2 Locomotives, wagons and their movements	Feb 2007	
43	IS 8347:2008	Respiratory Protective Devices - Definition, Classification and Nomenclature of Components (first revision)	2001	
44	IS 8388:1977	Code of safety for nitrobenzene	Feb 2007	
45	IS 8519:1977	Guide for selection of industrial safety equipment for body protection	Feb 2007	
46	IS 8520:1977	Guide for selection of industrial safety equipment for eye, face and ear protection	Feb 2007	
47	IS 8521(Part 1):1977	Specification for Industrial safety face shields Part 1 With plastic visor	Feb 2007	1
48	IS 8521(Part 2):1994	Industrial safety faceshields - Specification : Part 2 With wire mesh visor	Feb 2009	
49	** IS 8807:1978	Guide for selection of industrial safety equipment for protection of arms and hands	Feb 2007	
50	** IS 8940:1978	Code of practice for maintenance and care of industrial safety equipment for eyes and face	Feb 2007	
51	IS 8990:1978	Code of practice for maintenance and care of industrial safety clothing	Feb 2007	
52	IS 9052:1978	Code of safety for aluminium chloride, anhydrous	Feb 2009	1
53	IS 9053:1978	Code of safety for m-dinitrobenzene	Feb 2009	1
54	IS 9277:1979	Code of safety for monochlorobenzene	Feb 2009	1
55	IS 9278:1979	Code of safety for zinc phosphide	Feb 2009	
56	IS 9279:1979	Code of safety for aluminum phosphide	Feb 2009	1
57	IS 9457:2005	Safety colours and safety signs - Code of practice(first revision)	May 2010	
58	IS 9473:2002	Respiratory protective devices - Filtering half masks to protect against particles- Specification	Feb 2009	
59	IS 9563:1980	Specification for Carbon monoxide filter self-	Feb 2006	1
60	IS 9623:2008	Selection, use and maintenance of respiratory protective devices - Code of practice (first	2001	

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

61	IS 9679:1980	Code of practice for work environmental monitoring (air borne contaminants)	Feb 2009	
62	IS 9744:1981	Code of safety for thionyl chloride	Feb 2009	2
63	IS 9785:1981	Code of safety for aluminium alkyls	Feb 2009	
64	IS 9786:1981	Code of safety for vinyl chloride monomer (VCM)	Feb 2007	2
65	IS 9787:1981	Code of safety for phosphoryl chloride	Feb 2009	1
66	IS 9937:1981	Specification for Portable methanometer (Electrical type)	Feb 2007	
67	IS 10224:1982	Ergonomic principles in the design of work	Feb 2009	
68	IS 10245(Part 1):1996	Breathing apparatus Part 1 Closed circuit breathing apparatus (compressed oxygen cylinder) - Specification (first revision)	Feb 2006	1
69	IS 10245(Part 2):1994	Respiratory protective devices-Specification: Part 2 Open circuit breathing apparatus (first revision)	Feb 2006	2
70	IS 10245(Part 3):1999	Breathing apparatus Part 3 Fresh air hose and compressed air line breathing apparatus-Specification(first revision)	Feb 2006	
71	IS 10245(Part 4):1982	Specification for breathing apparatus Part 4 Escape breathing apparatus (short duration self-	Feb 2009	
72	IS 10592:1982	Specification for industrial emergency showers, eye and face fountains and combination units	Feb 2007	1
73	IS 10667:1983	Guide for selection for industrial safety equipment for protection of foot and leg	Feb 2007	
74	IS 10870:1984	Code of safety for hexane	Feb 2009	
75	IS 10871:1984	Code of safety for hydrazine and hydrazine hydrate	Feb 2009	1
76	IS 10872:1984	Code of safety for malathion	Feb 2009	
77	IS 10920:1984	Code of safety for phosphorus trichloride	Feb 2009	1
78	IS 11141:1984	Code of safety for acrylonitrile	Feb 2009	1
79	IS 12033:1986	Code of safety for dinitro toluene (DNT)	Feb 2009	1
80	IS 12034:1986	Code of safety for methyl bromide	Feb 2009	1
81	IS 12035:1986	Code of safety in microbiological laboratories	Feb 2009	1
82	IS 12141:1987	Code of safety for methyl ethyl ketone	Feb 2009	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

83	IS 12142:1987	Code of safety for 1,1,1 trichloro ethane	Feb 2009	
84	IS 12143:1987	Code of safety for tetrachloroethane	Feb 2009	1
85	IS 13293:1992	Gas detector tubes - General requirements and Methods of test	Feb 2009	1
86	IS 13366:1992	Resuscitators intended for use with humans - Specification	Feb 2009	
87	IS 13440:1992	Methyl chloride - Code of safety	Feb 2007	2
88	IS 13441:1992	Ethyl ether- Code of safety	Feb 2007	2
89	IS 13442:1992	Trichloro ethylene - Code of safety	Feb 2007	
90	IS 13447:1992	P-nitroaniline - Code of safety	Feb 2007	2
91	IS 13910:1993	Sulphur dioxide - Code of safety	Feb 2007	
92	IS 13911:1993	Code of safety for sulphur	Feb 2007	1
93	IS 13914:1993	Code of safety for perchlorates of ammonium, potassium and sodium	Feb 2007	1
94	IS 14138(Part 1):1994	Respiratory protective devices:Threads for facepieces, Part 1 Standard thread connection-	Feb 2009	
95	IS 14138(Part 2):1994	Respiratory Protective devices: Threads for facepieces Part 2 Centre thread connection -	Feb 2009	
96	IS 14165:1995	Handling of carcinogenic substances - Code of	Feb 2007	
97	IS 14166:1994	Respiratory protective devices : Full face masks - Specification	Feb 2009	
98	IS 14170:1994	Respiratory protective devices : Mouthpiece assemblies - Specification	Feb 2009	
99	IS 14200:1994	Hydrogen peroxide - Code of safety	Feb 2006	1
100	* IS 14489:1998	Code of practice on occupational safety and health audit	Feb 2009	
101	IS 14518:1998	Acetaldehyde - Code of Safety	Feb 2009	
102	IS 14572:1998	Chloroform - Code of safety	Feb 2006	2
103	IS 14631:1999	Styrene - Code of safety	Feb 2009	1
104	IS 14744:1999	Flame retardant protective hoods- Specification	Feb 2009	
105	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

106	IS 14814:2000	Acetylene - Code of safety	Feb 2006	1
107	IS 14983:2002	Phosphorus (white or yellow) - Code of safety	Feb 2009	
108	IS 14984:2001	1-3 butadiene-Code of safety	Feb 2007	
109	IS 14985:2001	Methyl acrylate and ethyl acrylate - Code of safety	Feb 2007	
110	IS 15071:2002	Chemical protective clothing - Specification	Feb 2009	
111	IS 15200:2002	Hydrogen sulphide - Code of safety	Feb 2009	
112	IS 15201:2002	Hydrogen - Code of Safety	Feb 2009	
113	IS 15321:2003	Molten metal splash protective hoods - Specification	Feb 2009	
114	IS 15322:2003	Particle filters used in respiratory protective equipment -Specification	Feb 2009	
115	IS 15323:2003	Gas filters and combined filters used in respiratory protective equipment - Specification	Feb 2009	
116	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	
117	IS 15548:2005	Hydrofluorocarbon (HFC-134a) - Code of Safety		
118	IS 15656:2006	Hazard identification and risk analysis-Code of	2001	
119	IS 15738:2007	Stable Bleaching Powder - Code of Safety	2001	
120	IS 15793:2007	Managing environment, occupational health and safety legal compliance - Requirements of good	2001	
121	IS 15803:2008	Respiratory protective devices -Self contained closed circuit breathing apparatus chemical oxygen (KO2) type, self generating, self rescuers -	2001	1
122	IS 15809:2008	High visibility warning clothes-Specification	2001	
123	IS 18001:2007	Occupational health and safety management system - Requirements with guidance for use(first	2001	

FINALISED DRAFTS UNDER PRINT

1	DOC.chD 8(1824)	Amendment no. 1 to IS 7524 (Pt 1):1980		
2	DOC.CHD 8(1581)	Amendment No. 2 to IS 13441		
3	DOC.CHD 8(1669)	Code of safety in Chemical laboratories (second revision of IS 4209)		

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 8(1771)	Amendment No. 1 to IS 15402
2	DOC.CHD 8(1823)	Code of Safety in Radiochemical Laboratory (First Revision of IS 4906)
3	DOC.CHD 8(1536)	Occupational safety and health audit - Code of practice
4	DOC.CHD 8(1539)	Swimming pool for public - Code of safety

*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) Ceramic Raw Materials;
- ii) Whiteware (excluding porcelain insulators, sanitaryware, tiles, salt glazed pipes & fittings; and ceramic laboratorywares;
- iii) Basic Materials for Technical Ceramics, and
- iv) Ceramic Coated Metal ware (excluding wares used in hospitals).

b) LIAISON

- 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

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 2333:1992	Plaster of paris for ceramic industry (second	Jan 2009	1
2	IS 2717:1979	Glossary of terms relating to vitreous enamelware and ceramic-metal systems (first revision)	Jan 2009	1
3	IS 2781:2004	Glossary of terms relating to ceramicware (second revision)	Jan 2009	
4	IS 2838:1964	Stoneware containers for general purposes	Jan 2009	3
5	IS 2839:1964	Industrial stoneware	Jan 2009	4
6	IS 2840:2002	China clay for ceramic industry -Specification (second revision)	Jan 2008	1
7	IS 2857:2002	Earthenware crockeryware -Specification (third revision)	Jan 2008	
8	IS 3149:1994	Enamelware for home use (second revision)	Nov 2010	1
9	IS 3505:2002	Porcelain crockeryware-Specification (third	Jan 2008	
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	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	Dec 2011	
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

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
| INDICATES EQUIVALENT STANDARDS

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)		
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)		
25	IS 4589:2002	Plastic clay and washed plastic clay for ceramic industry -Specification (third revision)	Jan 2008	1
26	IS 6988:2002	Fine (Bone)china crockeryware -Specification (second revision)	Jan 2008	
27	IS 7087:1979	Ceramic tower packings (first revision)	Dec 2011	2
28	** IS 7402:1986	Filters for drinking water purposes (first revision)	Jan 2009	3
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
34	IS 9749:2007	Potash feldspar and soda feldspar for glass and ceramic industry (first revision)		

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
| INDICATES EQUIVALENT STANDARDS

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 10429:1982	Powdered talc for ceramic industry	Dec 2011	1
37	** IS 11464:1985	Quartz for ceramic industry	Dec 2011	1
38	IS 11475:2002	Stoneware crockeryware -Specification (second revision)	Jan 2008	
39	** IS 11477:1985	Pyrophyllite for ceramic industry	Jul 2006	1
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		
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		
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	Jan 2009	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		
50	IS 15752:2007	Sericite for Ceramic Industry - Specification		

FINALISED DRAFTS UNDER PRINT

1	DOC.CHD 9(1681)	Ceramic water filter candles - Specification (second revision of IS 7402)		
2	DOC.CHD 9(1682)	Powdered talc for ceramic industry - Specification (first revision of IS 10429)		
3	DOC.CHD 9(1683)	Quartz for ceramic industry - Specification (first revision of IS 11464)		
4	DOC.CHD 9(1684)	Pyrophyllite for ceramic industry - Specification (first revision of IS 11477)		

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

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

CHD 10 GLASS, GLASSWARE AND LABORATORYWARE

SCOPE To formulate Indian Standards for terminology, code of practice, methods of sampling and tests and specifications for glass including, its raw material, glassware, laboratoryware including thermometer, hydrometers (made from glass, plastics, ceramic, silica etc) not covered by scopes and of other Sectional Committee.

Liaison - To co-ordinate with the work of
 i) ISO/TC 22/SC11 Road vehicles/Safety glazing materials
 ii) ISO/TC 48 Quality of glassware;
 iii) ISO/TC 63 Glass containers
 iv) ISO/TC 160 Glass in building

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 488:1980	Glass making sands (second revision)	Dec 2008	
2	IS 835:2007 / ISO 835	Laboratory glassware- Graduated pipettes		
3	IS 878:2008 / ISO 4788:2005	Laboratory Glassware- Graduated measuring cylinders (second revision)		
4	IS 915:2006 ISO 1042:1998	One-mark volumetric flasks (second revision)	Dec 2011	
5	IS 997:1973	Limestone and dolomite for glass and ceramic industry (first revision)	Dec 2008	1
6	IS 1106:1986	Distilled water glass bottles (first revision)	Aug 2007	1
7	IS 1107:1986	Aerated water glass bottles, crown finish type (second revision)	Aug 2007	1
8	IS 1112(Part 1):1989	Glass shells for general lighting service lamps : Part 1 - 54 to 80 mm shell diameter (second	Dec 2011	1
9	IS 1112(Part 2):1989	Glass shells for general lighting service lamps : Part 2 - 81 to 130 mm shell diameter (second	Dec 2011	
10	IS 1116:1994	Glass globes for hurricane lanterns (first revision)	Sep 2010	1
11	IS 1117:1975 ISO 648:1977	One-mark pipettes (first revision)	Aug 2007	2
12	IS 1381(Part 1):2003 / ISO 1773:1997	Laboratory Glassware - Narrow-Necked Boiling Flasks (Second Revision)	Dec 2008	1
13	IS 1381(Part 2):2008 / ISO 4797:2004	Laboratory Glassware - Boiling flasks with conical ground joints (second revision)		
14	IS 1382:1981	Glossary of terms relating to glass and glassware (first revision)	Dec 2008	
15	IS 1388(Part 1):2005 / ISO 4796-1:2000	Laboratory glassware- Bottles Part 1 Screw-neck bottles (second revision)	Feb 2011	
16	IS 1388(Part 2):2005 / ISO 4796-2:2000	Laboratory glassware- Bottles Part 2 : Conical neck bottles (second revision)	Feb 2011	

* INDICATES STANDARDS UNDER REVISION
 / INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
 | INDICATES EQUIVALENT STANDARDS

17	IS 1388(Part 3):2005 / ISO 4796-3:2000	Laboratory glassware- Bottles Part 3 : Aspirator bottles (second revision)	Feb 2011	
18	IS 1392:1999	Glass milk bottles - Specification (fourth revision)	Dec 2008	1
19	IS 1541:2006	Glass filter funnels (second revision)	Dec 2011	
20	IS 1574:1980	Glass weighing bottles (first revision)	Aug 2007	1
21	IS 1575:2003 / ISO 4800:1998	Laboratory glassware - Separating funnels and dropping funnels (second revision)	Dec 2008	
22	IS 1590:2000	Laboratory glassware - Glass filter flask - Specification (first revision)	Sep 2010	
23	IS 1662:1974	Glass liquor bottles (second revision)	Dec 2011	2
24	IS 1672:1967	Floating dairy thermometers (first revision)	Dec 2011	
25	IS 1922:1961	Liquid gold, bright	Dec 2011	1
26	IS 1945:1986	Glass bottles for fluid inks (first revision)	Aug 2007	
27	IS 1961:1968	Glass tableware (first revision)	Dec 2011	3
28	IS 1975:1984	Signal roundels and lenses for use in railways (first revision)	Aug 2007	1
29	IS 1996:2003 / ISO 4785:1997	Laboratory Glassware - Straight-Bore glass stopcocks for general purposes (first revision)	Dec 2008	
30	IS 1997:2008 / ISO 385:2005	Laboratory Glassware- Burettes (third revision)		
31	IS 2091:1983	Multi-trip glass beer bottles (second revision)	Dec 2008	2
32	IS 2303(Part 1/Sec 1):1994 ISO 719:1985	Grading glass alkalinity: Part 1 Hydrolytic , resistance,Sec 1 Hydrolytic resistance of glass grains at 98 deg C - Method of test and classification (first revision)	Sep 2010	1
33	IS 2303(Part 1/Sec 2):1994 ISO 720:1985	Grading glass for alkalinity part 1 Hydrolytic resistance Section 2 Hydrolyticresistance of glass grains at 121 deg C - Method of test and	Sep 2010	1
34	IS 2303(Part 2):1994	Grading glass for alkalinity Part 2 Hydrolytic resistance of glass containers (first revision)	Sep 2010	1
35	IS 2351:1988	Marble stoppered aerated water glass bottles (first revision)	Dec 2008	
36	IS 2480(Part 1):1983	Specification for General purpose glass thermometers: Part 1 Solid stem thermometers (second revision)	Aug 2007	1
37	IS 2480(Part 2):1982	General purpose glass thermometers: Part 2 Enclosed scale thermometers (second revision)	Dec 2011	
38	** IS 2553(Part 1):1990	Safety glass Part 1 Architectural, building and railway uses (third revision)	Dec 2011	5

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

39	IS 2618:2006 ISO 4142 :2002	Glass test tube (second revision)	Dec 2011	
40	IS 2619:1993 ISO 3819:1985	Glass beakers (second revision)	Aug 2007	1
41	IS 2620:1963	Distilling flasks	Dec 2008	2
42	IS 2626:1972	Petri dishes (first revision)	Aug 2007	2
43	IS 2627:1979	Glossary of terms relating to liquid-in-glass thermometers (first revision)	Aug 2007	
44	IS 2835:1987	Flat transparent sheet glass (third revision)	Dec 2008	
45	IS 2836:1974 ISO 1775:1975	Methods of test and quality requirements for porcelain, laboratory apparatus (first revision)	Aug 2007	
46	IS 2837(Part 1):1975	Porcelain crucibles and basins: Part 1 Crucibles (first revision)	Dec 2008	1
47	IS 2837(Part 2):1977	Porcelain crucibles and basins: Part 2 Basins (first revision)	Aug 2007	
48	IS 3104(Part 1):1982 ISO 649-1:1981	Density hydrometers: Part I Requirements (first revision)	Dec 2008	1
49	IS 3104(Part 2):1982 ISO 649-2:1981	Density hydrometers:Part 2 Methods of test and use (first revision)	Dec 2008	
50	IS 3432:1965	Clay pipe triangles	Aug 2007	1
51	** IS 3438:1994	Silvered glass mirrors for general purposes - specification (second revision)	Dec 2011	2
52	IS 3608(Part 1):1987	Glass alcoholometers: Part 1 Glass alcoholometers without thermometers (first revision)	Aug 2007	
53	IS 3608(Part 2):1987	Glass alcoholometers: Part 2 Glass alcoholometers with thermometer (first revision)	Aug 2007	
54	IS 3702:1989	Refills for vacuum flasks (second revision)	Dec 2011	1
55	IS 3936:1966	Porcelain mortars and pestles	Aug 2007	
56	IS 3953:1966	High temperature ceramic combustion boats	Aug 2007	1
57	IS 3990:1967	High temperature ceramic combustion tubes	Aug 2007	2
58	IS 4161:1967	Nessler cylinders	Dec 2011	2
59	** IS 4162(Part 1):1985 ISO 835-1:1981	Graduated pipettes:Part 1 General requirements (first revision)	Aug 2002	1
60	** IS 4162(Part 2):1985 ISO 835-2:1981	Graduated pipettes: Part 2 Pipettes for which no waiting time is specified (first revision)	Aug 2002	1
61	** IS 4162(Part 3):1985 ISO 835-3:1981	Graduated pipettes: Part 3 Pipettes for which a waiting time of 15 s is specified (first revision)	Aug 2002	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
| INDICATES EQUIVALENT STANDARDS

62	** IS 4162(Part 4):1985 ISO 835-4:1981	Graduated pipettes: Part 4 Blow-out pipettes (first revision)	Aug 2002	1
63	IS 4426:1992	Methods of sampling laboratory glassware (first revision)	Aug 2007	
64	IS 4610:1968	Glass tubes for general purpose and reference thermometers	Dec 2011	2
65	IS 4825:1982	Liquid-in-glass solid-stem reference thermometers (first revision)	Dec 2008	
66	IS 5009:1968	Buchner funnels	Aug 2007	1
67	IS 5011:1968	Gooch crucibles	Aug 2007	
68	IS 5081:1990	Glass tubes for tubular fluorescent lamps for general lighting services lamps (first revision)	Dec 2011	
69	IS 5165:1969 ISO 383:1976	Interchangeable conical ground-glass joints	Dec 2011	
70	IS 5168:1969	Glass feeding bottles	Aug 2007	2
71	IS 5437:1994	Figured rolled and wired glass (First revision)	Sep 2010	2
72	IS 5623:1999 ISO 7991:1987	Method for determination of coefficient of linear thermal expansion of glass (first revision)	Sep 2010	
73	IS 5681:1992	General meteorological thermometers, liquid-in-glass (second revision)	Aug 2007	
74	IS 5715:1986	Glass carboys (first revision)	Aug 2007	1
75	IS 5717:2003 / ISO 3507:1999	Laboratory Glassware - Pyknometers (Second Revision)	Dec 2008	
76	IS 5725:1970	Psychrometers, unventilated (dry and wet bulb hygrometers)	Dec 2011	
77	IS 5870:1970	Glass globes for internal lighting of passenger	Aug 2007	1
78	IS 5984:1999	Glass shells for miniature lamps - Specification (first revision)	Sep 2010	1
79	IS 6017:1971	Thermometer for whirling psychrometers	Aug 2007	1
80	IS 6052:1988 ISO 4799:1978	Glass condensers (first revision)	Sep 2010	1
81	IS 6128:1971	Desiccators	Aug 2007	1
82	IS 6154:1971	Perforated plates for desiccators	Aug 2007	
83	IS 6274:1971	Method of calibrating liquid-in-glass thermometers	Aug 2007	
84	IS 6500:1972	Thermometers for measurement of sea surface temperatures	Aug 2007	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
| INDICATES EQUIVALENT STANDARDS

85	IS 6506:1972	Methods for thermal shock tests on glassware	Sep 2010	
86	IS 6592:1972	Soil thermometers	Aug 2007	
87	IS 6654:1992	Glossary of terms relating to glass containers (second revision)	Dec 2008	
88	IS 6917:1973	Glass lenses for automobile headlights (replaceable bulb type)	Dec 2008	1
89	IS 6945:1973	Code of practice for packaging glass and	Dec 2008	
90	IS 6981:1992	Glass jars for air-depolarized primary (caustic soda) wet cells (first revision)	Dec 2008	
91	IS 7000:1973	General purpose maximum-minimum thermometers	Aug 2007	
92	IS 7324:1983	Brix hydrometers (first revision)	Dec 2011	1
93	IS 7374:1974	Glass rods and tubing for laboratory glassware	Sep 2010	1
94	IS 7511(Part 1):1992	Dimensions for neck finishes: Part 1 Shallow continuous thread finish (R3) (second revision)	Dec 2008	
95	IS 7511(Part 2):1986	Part 2 Shallow continuous thread finish for deep screw caps (R 3/D) (first revision)	Aug 2007	1
96	IS 7511(Part 3):1986	Part 3 Roll-on thread non-pilfer-proof (RONPP) (first revision)	Aug 2007	
97	IS 7511(Part 4):1986	Part 4 Roll-on sealed threads pilfer-proof (first	Aug 2007	1
98	IS 7511(Part 5):1986	Part 5 Vial goldie seal glass finishes (first revision)	Aug 2007	
99	IS 7511(Part 6):1986	Part 6 Dual neck finish (first revision)	Aug 2007	
100	IS 7511(Part 7):1986	Part 7 Crown finish (first revision)	Aug 2007	
101	IS 7511(Part 8):1986	Part 8 Vacuum lug finish (first revision)	Aug 2007	1
102	IS 7511(Part 9):1992	Part 9 28mm roll on finishes for pressurised	Aug 2007	
103	IS 7511(Part 10):1991	Part 10 Continuous screw thread for use with plastic cap	Aug 2007	
104	IS 7708:1975	Vacuum flasks	Dec 2008	1
105	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	
106	IS 8697:1977	Code of practice for export packaging of glass containers ware	Dec 2008	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
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107	IS 8728:1977	Adjustable range thermometers	Dec 2008	
108	IS 8729:1977 ISO 384:1978	Principles of construction and adjustment of volumetric glassware	Aug 2007	1
109	IS 8787:1977 ISO 386:1977	Principles of design, construction and use of liquid-in-glass thermometers	Dec 2008	
110	IS 8897:1978	Tables for calibration and method of verification of volumetric glassware	Dec 2008	1
111	IS 9153:1978	Methods of polariscopic examination of glassware	Dec 2008	
112	IS 9154:1978	Methods of determination of alkali resistance of	Aug 2007	
113	IS 9157:1979	Sodium nitrate and potassium nitrate for glass compositions	Dec 2008	
114	IS 9213:1979	BOD bottles	Aug 2007	1
115	IS 9425:1980	Selenium for glass compositions	Dec 2008	
116	IS 9621:1980 ISO 387:1977	Principles of construction and adjustment of glass hydrometers	Aug 2007	1
117	IS 9780:1992	Glass bottles for tomato ketchup (first revision)	Dec 2008	1
118	IS 9781:1989	Glass jar for jams, jellies and marmalades (first revision)	Dec 2011	1
119	IS 10072:1982 ISO 7056:1981	Plastics beakers	Dec 2008	
120	IS 10073:1982 ISO 6706:1981	Plastics graduated measuring cylinders	Dec 2008	
121	IS 10133:1982	Glass bottles-dimensional relationships and	Dec 2008	
122	IS 10231:1982 ISO 7057:1981	Plastics filter funnels	Dec 2008	
123	IS 10497:1983	Methods of test for determination of brimful capacity of glass containers by gravimetric	Dec 2008	
124	IS 10516:1983	Methods of test for internal pressure resistance for glass containers	Dec 2008	
125	** IS 10640:1983	Soxhlet extractors	Aug 2007	1
126	IS 11369:1985	Glass honey jars	Aug 2007	
127	IS 11468:1985 ISO 1769:1975	Colour coding for pipettes	Aug 2007	
128	IS 11469:1985 ISO 4794:1982	Method for assessing chemical resistance of enamels used for colour coding and colour marking	Aug 2007	
129	IS 11539:1986	Method of vertical load test for glass containers	Aug 2007	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
| INDICATES EQUIVALENT STANDARDS

130	IS 11930:1986	Methods of thermal shock test for glass containers	Dec 2008	
131	IS 11984:1986	Glass bottles for free flowing liquids	Aug 2007	2
132	IS 11985:1987	Glass jars for pickles	Dec 2008	1
133	IS 11990:1986	Gas washing bottle	Aug 2007	1
134	IS 12244(Part 1):1988	Colorimeter thermometers: Part 1 Solid-stem thermometers	Dec 2008	
135	IS 12244(Part 2):1988	Colorimeter thermometers: Part 2 Enclosed scale thermometers	Dec 2008	
136	IS 12255:1988	Baume hydrometers	Dec 2008	
137	IS 12305:1988 ISO 4793:1980	Laboratory sintered (fritted) filters, porosity grading, classification and designation	Feb 2011	
138	IS 12580(Part 1):1989	Glass thermometers for precision use: Part 1 Solid-stem thermometers	Dec 2011	
139	IS 12580(Part 2):1989	Glass thermometers for precision use: Part 2 Enclosed-scale thermometers	Dec 2011	
140	IS 12581:1989	Glass containers for domestic fruit preserving	Dec 2011	1
141	IS 12868:1989	Glass aerosol containers	Dec 2011	
142	IS 12869(Part 1):1989	Methods for determination of viscosity and viscometric fixed points of glass: Part 1 Determination of viscosity by fibre elongation	Dec 2011	
143	IS 12869(Part 2):1989	Methods for determination of viscosity and viscometric fixed points of glass: Part 2 Determination of softening point	Dec 2011	
144	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	Dec 2008	
145	IS 12950:1990	Battery hydrometer portable syringe type for lead-acid batteries	Aug 2007	
146	IS 13650:1993	Glass containers for proteinized food	Aug 2007	1
147	IS 14837:2000 ISO 1772:1975	Laboratoryware - Silica crucible - Specification	Feb 2011	
148	IS 14838:2000	Laboratoryware - Plastics wash bottles -	Sep 2010	
149	IS 14868:2000 ISO 641:1975	Laboratoryware - Interchangeable spherical ground glass joints - Specification	Feb 2011	
150	IS 14900:2000	Transparent float glass - Specification	Sep 2010	
151	IS 24450:2005 / ISO 24450:2005	Laboratory glassware - Wide-necked boiling flasks	Feb 2011	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

FINALISED DRAFTS UNDER PRINT

1	DOC.CHD 10(1708)	Soxhlet extractors - Specification (first revision of 10640)
2	DOC.CHD 10(1775) / IS/ISO 641-1975 (E)	Laboratory glassware-Interchangeable spherical ground joints
3	DOC.CHD 10(1777) / IS/ISO 718-1990 (E)	Laboratory glassware- Thermal shock and thermal shock endurance-Test methods
4	DOC.CHD 10(1778) / IS/ISO 719-1985 (E)	Glass- Hydrolytic resistance of glass grains at 98oC - Method of test and classification
5	DOC.CHD 10(1779) / IS/ISO 720-1985 (E)	Glass- Hydrolytic resistance of glass grains at 121oC – Method of test and classification
6	DOC.CHD 10(1780) / IS/ISO 1042-1998 (E)	Laboratory glassware- One mark volumetric flasks
7	DOC.CHD 10(1781) / IS/ISO 1769-1975 (E)	Laboratory glassware- Pipettes— Colour coding
8	DOC.CHD 10(1785) / IS/ISO 4803-1978(E)	Laboratory glassware- Borosilicate glass tubing
9	DOC.CHD 10(1786) / IS/ISO 7991:1987(E)	Glass-Determination of coefficient of mean linear thermal expansion
10	DOC.CHD 10(1796) / IS/ISO 24998-2008(E)	Plastic Laboratoryware - single use Petri dishes for microbiological procedures
11	DOC.CHD 10(1816) / ISO 4787	Laboratory glassware-volumetric instruments- Method of testing of capacity and for use

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.CHD 10(1773) / ISO 383-1976 (E)]	Laboratory glassware-Interchangeable conical ground joints
2	DOC.CHD 10(1776) / IS/ISO 648-1977 (E)	Laboratory glassware- One mark pipettes (C1)
3	DOC.CHD 10(1784) / IS/ISO 4799-1978 (E)	Laboratory glassware- Condensers

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 10(1782) / IS/ISO 4793-1980 (E)	Laboratory sintered (fritted)filters- Porosity grading, classification and designation
2	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
3	DOC.CHD 10(1844) / ISO 718	Laboratory glassware0 Thermal shock and thermal shock endurance- Test Method
4	DOC.CHD 10(1845) / ISO 719	Glass - Hydrolytic resistance of glass grains at 98oC - Method of test and classification
5	DOC.CHD 10(1846) / ISO 720	Glass - Hydrolytic resistance of glass grains at 121oC - Method of test and classification
6	DOC.chD 10(1847) / ISO 4142	Laboratory glassware - Test tubes

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

7	DOC.CHD 10(1848) / ISO 4803	Laboratory glassware – Borosilicate glass	tubing
8	DOC.CHD 10(1849) / ISO 7991	Glass -- Determination of coefficient of mean linear thermal Expansion	

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

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

CHD 13 Water Quality for Industrial Purposes

SCOPE To formulate Indian Standards for terminology, quality criteria for water for industrial purposes, guidelines for treatment of water, boiler feed water, boiler water, cooling water, deposits on water-side, boiler water treatment compounds, cleaning of boilers, corrosion prevention, specifications for chemicals for use in high pressure boilers, condensate polishing and other issues related to boiler water chemistry.

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 201:1992	Quality tolerances for water for textile industry (second revision)	Mar 2008	2
2	* IS 1069:1993	Quality Tolerances for Water for Storage Batteries - Specification (second revision)	Mar 2008	
3	IS 1070:1992	Reagent grade water (third revision)	Mar 2008	
4	IS 1680:1982	Code of practice for treatment of water for low and medium pressure land boilers (third revision)	Mar 2008	1
5	IS 1813:1961	Code of practice for treatment of water for marine boilers	Mar 2008	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)	Mar 2008	
9	IS 3328:1993	Quality tolerances for water for swimming pools (first revision)	Mar 2008	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)	Mar 2008	
12	IS 4700:1968	Quality tolerances for water for fermentation	Jan 2012	1
13	IS 7932:1982	Specification for Boiler water treatment compounds (first revision)	Mar 2008	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	Mar 2008	
20	IS 11970:1987	Guide for condensate polishing (power plant)	Mar 2008	2
21	IS 12084:1987	Specification for morpholine	Mar 2008	
22	IS 12085:1987	Specification for cyclohexylamine for boiler water treatment	Mar 2008	1
23	IS 12086:1987	Specification for hydrazine hydrate	Mar 2008	1
24	IS 12479:1988	Methods for analysis of solvent systems used for removal of water formed deposits	Mar 2008	
25	IS 12742:1989	Guide for defluoridation of water for drinking	Mar 2008	
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	Mar 2008	
28	IS 13268:1992	Demineralization plant - Guidelines	Mar 2008	
29	IS 13624:1993	Methods of sampling and analysis of water formed deposits - Guidelines	Mar 2008	
30	IS 13643:1993	Tests for corrosivity of solvent used for removal of water formed deposits in plant equipment	Mar 2008	
31	IS 13891:1994	Quality tolerances for fresh water for fish culture	Mar 2008	
32	IS 14199:1995	Steam purity - Methods of sampling	Jan 2012	
33	IS 15573:2005	Polyaluminium Chloride	Jan 2012	1

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)

* 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 printing inks (excluding their raw-materials) and stationery items such as pens, pencils, inks, refills, correcting fluids, chalks and crayons, artists colours, carbon and other copying papers, stencil papers and other

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
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	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	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)	Feb 2006	
17	IS 2694:1963	School chalks, moulded, white	May 2010	2
18	IS 3450:1994	Carbon papers, handwriting (second revision)	Feb 2006	
19	IS 3705:1980	Specification for Ball point pens (first revision)	May 2010	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

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)	Feb 2006	
27	IS 5086:1993	Stencil paper (second revision)	May 2010	1
28	IS 5805:1993	Ink for ball point pen refill -Specification(first revision)	Feb 2006	
29	IS 6830:1994	Offset ink, black, general black - specification (first revision)	Jan 2008	1
30	IS 6931:1972	Methods of test for printing inks	Jan 2008	
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	Jan 2008	1
34	** IS 8101:1976	Poster colours	Jan 2008	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	Feb 2006	
41	IS 10560:1983	Jotter ball pen refills	May 2010	
42	IS 10584(Part 2):1983	Specification for Glass marking pencils: Part 2 With spiral paper-form casing	May 2010	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
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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	Jan 2008 1
52	IS 15495:2004	Printing Ink for Food Packaging - Code of	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 -	

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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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 (excluding linters)

ii) Paper sizes and grammage, sizes of periodical and paper stationery material

iii) Paper and pulp based packaging materials (converted and treated) including cartons, sacks, bags and boxes, made of paper board and packages, made of foil and film materials and lamination there of.

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

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 1060(Part 1):1966	Methods of sampling and test for paper and allied products: Part 1(revised)	Jan 2009	5
2	IS 1060(Part 2):1960	Methods of sampling and test for paper and allied products: Part 2	Jan 2009	
3	IS 1060(Part 3):1969	Methods of sampling and test for paper and allied products: Part 3	Jan 2009	1
4	IS 1064:1980	Paper sizes (second revision)	Mar 2008	1
5	IS 1397:1990	Kraft paper (second revision)	Mar 2008	2
6	IS 1398:1982	Packing paper, water-proof, bitumen laminated (second revision)	Jan 2009	1
7	IS 1763:1961	Substances of paper and pulp board	Mar 2008	2
8	IS 1774:1986	Paper for permanent and semi permanent records (first revision)	Mar 2008	4
9	IS 1775:1981	Base paper for sensitized paper (first revision)	Jan 2009	3
10	IS 1776:1989	Folding box board, uncoated (first revision)	Mar 2008	2
11	IS 1848:2007	Writing and printing papers - Specification (fourth revision)		
12	IS 2483:1986	Ticket board (first revision)	Mar 2008	5
13	IS 2617:2006	Millboard, greyboard and strawboard (second		
14	IS 2771(Part 1):1990	Fibreboard boxes: Part 1 Corrugated fibreboard boxes (second revision)	Mar 2008	3
15	IS 2771(Part 2):1975	Fibreboard boxes : Part 2 Solid fibreboard boxes (first revision)	Mar 2008	1
16	IS 2991:1988	Base paper for waxed paper (first revision)	Mar 2008	2

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

17	IS 3064:1986	Hand made drawing paper (first revision)	Sep 2010	2
18	IS 3263:1981	Waxed paper for confectionery (first revision)	Jan 2009	2
19	IS 3302:1986	Backing sheet for stencil (first revision)	Jan 2009	3
20	IS 3303:1997	Match paper for match box - Specification (second revision)	Mar 2008	
21	IS 3413:2004	Base paper for carbon paper - Specification (second revision)	Jan 2009	
22	IS 3673:1986	Alkali resistant paper (first revision)	Sep 2010	3
23	IS 3962:1967	Waxed paper for general packaging	Jan 2009	4
24	IS 4006(Part 1):1985	Methods of test for paper and pulp based packaging materials: Part I (first revision)	Mar 2008	
25	IS 4006(Part 2):1985	Methods of test for paper and pulp based packaging materials : Part II (first revision)	Mar 2008	
26	IS 4006(Part 3):1985	Methods of test for paper and pulp based packaging materials: Part III (first revision)	Mar 2008	
27	IS 4261:2001	Glossary of terms relating to paper and pulp based packaging materials (first revision)	Nov 2006	1
28	IS 4645:1993	Code of practice for storage of paper and board (first revision)	Mar 2008	
29	IS 4658:1988	Coated paper and board (art and chromo) (first revision)	Mar 2008	4
30	IS 4661:1999	Glossary of terms used in paper trade and industry (second revision)	Sep 2010	1
31	IS 4664:1986	Pulp board (first revision)	Sep 2010	3
32	IS 5012:1987	Cellulose film (first revision)	Mar 2008	1
33	IS 5134:1977	Bitumen impregnated paper (first revision)	Jan 2009	1
34	IS 5195:1969	Paper stationery items for schools	Mar 2008	1
35	IS 5285:1998	Fibre analysis of paper and board - Method of test (first revision)	Sep 2010	3
36	IS 5457:1969	Sizes of folders and files	Mar 2008	
37	ISO IS 6211:1993	Code of practice for packaging of paper and board (first revision)	Jan 2009	
38	IS 6213(Part 1):1971	Methods of test for pulp: Part 1 Water solubility of	Jan 2009	
39	IS 6213(Part 2):1971	Methods of test for pulp: Part 2 Determination of freeness of pulp	Jan 2009	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
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40	** IS 6213(Part 3):1971	Methods of test for pulp: Part 3 Determination of alpha, beta and gamma cellulose pulp	Jan 2009	
41	IS 6213(Part 4):1971	Methods of test for pulp: Part 4 Determination of viscosity of pulp	Jan 2009	
42	IS 6213(Part 5):1971	Methods of test for pulp: Part 5 Solubility of pulp in one percent caustic sodasolution	Jan 2009	
43	IS 6213(Part 6):1971	Methods of test for pulp: Part 6 Copper number of	Jan 2009	
44	** IS 6213(Part 7):1971 ISO 1762:2001	Methods of test for pulp: Part 7 Ash content, in	Jan 2009	
45	IS 6213(Part 8):1973	Methods of test for pulp: Part 8 Beating, sheet making, preparation of hand sheets and testing	Jan 2009	1
46	IS 6213(Part 9):1973	Methods of test for pulp: Part 9 Bleach requirements and preparation of handsheets for	Jan 2009	
47	IS 6213(Part 10):1975 ISO 302:2004	Methods of test for pulp: Part 10 Determination of kappa number	Jan 2009	
48	IS 6213(Part 11):1975 ISO 776:1982	Methods of test for pulp: Part 11 Determination of acid insoluble ash	Jan 2009	
49	** IS 6213(Part 12):1975 ISO 777:2005	Methods of test for pulp: Part 12 Determination of calcium content	Jan 2009	
50	** IS 6213(Part 13):1975 ISO 778:2005	Methods of test for pulp: Part 13 Determination of copper	Jan 2009	
51	** IS 6213(Part 14):1975 ISO 779:2005	Methods of test for pulp: Part 14 Determination of	Jan 2009	
52	** IS 6213(Part 15):1975 ISO 1830:2005	Methods of test for pulp: Part 15 Determination of manganese	Jan 2009	
53	IS 6213(Part 16):1978	Methods of test for pulp: Part 16 Dirt count	Jan 2009	
54	** IS 6213(Part 17):1978 ISO 801-1:1994	Methods of test for pulp: Part 17 Determination of saleable mass of pulp	Jan 2009	
55	IS 6213(Part 18):1979 ISO 3260:1982	Methods of test for pulp: Part 18 Determination of chlorine consumption (degree of delignification)	Jan 2009	
56	IS 6213(Part 19):1985 ISO 692:1982	Methods of test for pulp: Part 19 Determination of alkali solubility of pulp	Jan 2009	
57	IS 6213(Part 20):1984 ISO 699:1982	Methods of test for pulp: Part 20 Determination of alkali resistance of pulp	Jan 2009	
58	IS 6213(Part 21):1984 ISO 638:1978	Methods of test for pulp: Part 21 Determination of dry matter content	Jan 2009	
59	IS 6481:1971	Guide for principal uses and styles of fibreboard containers	Mar 2008	
60	IS 6615:1972	General purpose packing/wrapping paper	Jan 2009	3
61	IS 6622:1972	Grease proof paper	Jan 2009	1
62	IS 6671:1987	Specification for germination paper (first revision)	Mar 2008	

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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63	IS 6715:1972	Master cartons for export of frozen sea foods and frog legs	Jan 2009	
64	IS 6956:2001	Cover paper - Specification (first revision)	Nov 2006	
65	IS 7063(Part 1):1973 ISO 3034:1975	Methods of test for corrugated fibreboard : Part 1 Thickness of board	Jan 2009	
66	IS 7063(Part 2):1976	Methods of test for corrugated fibreboard: Part 2 Edgewise crush resistance of board	Mar 2008	
67	IS 7063(Part 3):1976 ISO 3038:1975	Methods of test for corrugated fibreboard : Part 3 Water resistance of glued bond by immersion	Mar 2008	
68	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 2008	
69	IS 7149:1973	Fibreboard boxes for canned sea foods for export	Jan 2009	
70	IS 7151:1991	Corrugated fibreboard boxes for para-dropping of supplies (first revision)	Mar 2008	2
71	IS 7161:1973	Vegetable parchment or grease proof paper/aluminium foil laminate for wrapping butter	Jan 2009	
72	IS 7162:1973	Waxed cartons for packaging of ice cream	Jan 2009	
73	IS 7186:1973	Glossary of terms relating to paper and flexible packaging	Mar 2008	
74	IS 7601:1983	Fibreboard drums for general purposes (first	Mar 2008	1
75	IS 8113:1976	Primary cartons for packaging butter	Jan 2009	
76	IS 8431:1986	Tracing paper (first revision)	Sep 2010	2
77	IS 8460:1977	Wrapping tissue paper	Sep 2010	3
78	IS 8970:1991	Aluminium foil laminates for packaging (first	Jan 2009	2
79	IS 9028:1976	Glossary of terms relating to paper sacks	Mar 2008	
80	IS 9032:1978	Diazo sensitized paper	Sep 2010	2
81	IS 9033:1978	Reproduction tracing paper	Sep 2010	2
82	IS 9042:1978	Method of measurement and expression of the dimensions of paper sacks	Mar 2008	
83	IS 9313:1979	Corrugated fibreboard boxes for the export packaging of glass jars and bottles filled with	Jan 2009	1
84	IS 9493:1980	Cartons for non-soapy detergents	Jan 2009	1

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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85	IS 9588:1990	Kraft liner (first revision)	Jan 2009	2
86	IS 9894:1981	Methods of test for smoothness/ roughness of	Mar 2008	
87	IS 9988:1981	Waxed paper for bread and biscuits	Jan 2009	1
88	IS 10066:1981	Corrugated fibreboard boxes for packing cigarettes	Jan 2009	1
89	IS 10176:1982	Fibreboard boxes for packing soaps	Jan 2009	
90	IS 10177:1982	Ice cream cups and lids	Jan 2009	1
91	IS 10279:1982	Overall trimmed sizes of articles of stationery that include detachable sheets	Mar 2008	
92	IS 10287:1982	Holes for general filing of paper	Mar 2008	
93	ISO 838:1974 IS 10328:1982	Methods of expression of dimensions and direction of manufacture of unprocessed writing and printing	Mar 2008	
94	IS 10380:1982	Methods of test for printing ink permeation of paper (castor oil test)	Sep 2010	
95	IS 10405:1982	Black centered board	Jan 2009	3
96	IS 10528:1983	Method of sampling empty paper sacks for testing	Jan 2009	1
97	IS 11052:1984	Methods of test for vertical impact drop test on paper sacks	Mar 2008	
98	IS 11080:1984	Method for determination of porosity of paper	Mar 2008	
99	IS 11087:1986	Paper for magnetic ink character recognition cheque printing (first revision)	Mar 2008	4
100	IS 11091:1984	Method of test for degree of curl of paper and degree of sizing	Mar 2008	
101	IS 11227:1985	Gelatin for sizing of paper	Sep 2010	2
102	IS 11324:1985	Multi-ply paper sacks for carbon black	Mar 2008	2
103	IS 11357:1985	Composite containers for dry products	Jan 2009	2
104	IS 11687:1986	Base paper for tracing paper	Sep 2010	2
105	IS 11688:1999	Newsprint - Specification (first revision)	Sep 2010	1
106	IS 11761:1997	Multi-wall paper sacks for cement - Specification (first revision)	Mar 2008	
107	IS 11844:1987	Corrugated fibreboard boxes for transport packaging of apples	Jan 2009	1

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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108	IS 12212:1987	Corrugated fibreboard boxes for transport packaging of butter packed in primary cartons	Jan 2009	1
109	IS 12490:1988	Glassine paper	Jan 2009	1
110	IS 12715:1989	Polyvinyl alcohol for sizing of paper	Jan 2009	1
111	IS 12765:1989	Map printing paper	Mar 2008	5
112	IS 12766:1997	Paper, computer - Specification (first revision)	Mar 2008	2
113	IS 12780:1989	Commercial stationary forms/books	Mar 2008	1
114	IS 12808:1989	Base paper for one time carbon paper	Mar 2008	2
115	IS 12810:1989	Shorthand note books	Mar 2008	
116	IS 12999:1990	Folding box board, coated	Mar 2008	2
117	IS 13012:1990	Sack kraft paper and extensible sack kraft paper	Jan 2009	
118	IS 13228:2006	Corrugated fibreboard boxes for packing and transportation (first revision)		
119	IS 13892:1999	Correspondence envelopes - Specification (first revision)	Sep 2010	2
120	IS 13975:1994	Axial (end to end) compression strength of composite cans, tubes and cores - Method of test	Mar 2008	
121	IS 13976:1994	Method of end blow-off pressure test for composite cans	Mar 2008	
122	IS 14319:1995	Laminated paper board pack for vanaspati - Specification	Jan 2009	
123	IS 14490:1997	Plain copier paper - Specification	Sep 2010	4
124	IS 14619:1998	Release base paper - Specification	Mar 2008	
125	IS 14661:1999	Toilet paper - Specification	Sep 2010	1
126	IS 14915:2001	Filter paper - Qualitative, hand made -	Nov 2006	
127	IS 15307:2003	Post Card-Specification	Jan 2009	
128	IS 15576:2005	Multiwall paper sacks for tea for export	Sep 2010	

FINALISED DRAFTS UNDER PRINT

1	DOC.CHD 15(1703) / ISO 2471:2008	Paper and board - Determination of opacity(paper backing)- Diffuse reflectance method
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* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

2	DOC.CHD 15(1704) / ISO 5631:2000	Paper and board- Determination of colour (C/2)- Diffuse reflectance method
3	DOC.CHD 15(1705) / ISO 5636:2000	Paper and board- Determination of air permeance (Medium range)-part-3: Bendtsen method
4	DOC.CHD 15(1706) / ISO 8254-1:1999	Paper and board-Measurement of specular gloss- part1:75 gloss with a converging beam, Tappi
5	DOC.CHD 15(1707) / ISO 11476:2000	paper and board-Determination of CIE whiteness, C/2 (Indoor illumination conditions)
6	DOC.CHD 15(1789)	Method of test for pulp -Part XII/Section 1 Determination of calcium content (first revision of IS 6213(Part XII))
7	DOC.CHD 15(1790)	Method of test for pulp -Part XIII/Section 1 Determination of copper content (first revision of IS 6213(Part XIII))
8	DOC.CHD 15(1791)	Method of test for pulp -Part XIV/Section 1 Determination of iron content (first revision of IS 6213(Part XIV))
9	DOC.CHD 15(1792)	Method of test for pulp -Part XV/Section 1 Determination of manganese content (first revision of IS 6213(Part XV))
10	DOC.CHD 15(1814) / ISO 2470-1:2009	Paper,board and pulps- Measurement of Diffuse blue reflectance factor- Part 1: Indoor daylight conditions (ISO Brightness)
11	DOC.CHD 15(1815) / ISO 2470-2:2008	Paper,board and pulps- Measurement of Diffuse blue reflectance factor- Part 2: Outdoor daylight conditions (D65 Brightness)
12	DOC.CHD 15(1817) / ISO 777:2005	Paper,board and pulps -Part XII/Section 2 Determination of acid soluble calcium
13	DOC.CHD 15(1818) / ISO 778:2005	Paper,board and pulps -Part XIII/Section 2 Determination of acid soluble copper
14	DOC.CHD 15(1819) / ISO 779:2005	Paper,board and pulps -Part XIV/Section 2 Determination of acid soluble iron
15	DOC.CHD 15(1820) / ISO 1830:2005	Paper,board and pulps -Part XV/Section 2 Determination of acid soluble manganese

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

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)

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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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 .

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 575:1956	Chrome Belt Lace Leather	Nov 2006	
2	IS 576:1989	Leather - Glazed kid for shoe uppers (second	Nov 2006	1
3	IS 577:1986	Specification for Upholstery leather (first revision)	Feb 2009	
4	IS 578:1985	Specification for Full-chrome upper leather (third revision)	Feb 2009	2
5	* IS 579:1996	Vegetable tanned sole leather - Specification (third revision)	Jan 2002	
6	IS 580:1973	Specification for Harness leather (second revision)	Feb 2009	2
7	IS 581:1976	Specification for Vegetable tanned hydraulic leather (second revision)	Feb 2009	
8	IS 582:1970	Methods of Chemical testing of leather (first	Feb 2009	1
9	IS 622:1956	Specification for Russet leather	Nov 2006	
10	** IS 1015:2000	Leather pump buckets and seat valves made from vegetable tanned leather - Specification (second revision)	Aug 2009	1
11	IS 1017:1983	Specification for Chamois leather (second revision)	Feb 2009	1
12	IS 1273:1989	Leather pump buckets made from chrome tanned leather - Specification (first revision)	Nov 2006	1
13	IS 1637:1971	Specification for Cycle saddle leather (first	Nov 2006	
14	IS 1639:1960	Specification for East India tanned kips and skins	Feb 2009	1
15	IS 1640:2007	Glossary of terms relating to hides, skins and leather		
16	IS 2573:1986	Specification for Leather gauntlets and mittens (second revision)	Feb 2009	

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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17	* IS 2716:1972	Specification for Myrobalan extract (first revision)	Feb 2003	3
18	IS 2954:1978	Specification for Vegetable tanned leather for belting (first revision)	Nov 2006	
19	IS 2960:1964	Specification for Bookbinding leather	Nov 2006	2
20	IS 2961:1973	Specification for Chrome retan finished upper leather (first revision)	Feb 2009	1
21	IS 3020:1976	Specification for Leather for oil seals (first revision)	Feb 2009	1
22	IS 3031:1964	Specification for Leather cash bags	Feb 2009	
23	* IS 3840:1996	Lining leather- Specification (second revision)	Jan 2002	1
24	IS 3946:1966	Specification for Leather for leg guard	Feb 2009	
25	* IS 3967:1975	Specification for Cutch (first revision)	Mar 2001	
26	* IS 3968:1967	Specification for Wattle bark	Mar 2001	
27	* IS 3969:1975	Specification for GORAN bark (first revision)	Mar 2001	
28	IS 3982:1997	Sheepskin leather for orthopaedic linings - Specification (first revision)	Feb 2009	
29	IS 3983:1966	Specification for Goatskin parchment for orthopaedic purposes	Oct 2010	
30	IS 3985:1983	Specification for Leather for rugby ball (first	Nov 2006	1
31	* IS 3999:1966	Specification for Casein based aqueous pigment and finishes	Feb 2005	
32	IS 4102:1983	Specification for Leather for shuttlecock caps (first revision)	Feb 2009	
33	IS 4191:1967	Specification for Leather for volleyball	Feb 2009	1
34	IS 4207:1967	Specification for Leather for football	Feb 2009	1
35	IS 4553:1983	Specification for Leather for cricket ball (first	Nov 2006	1
36	IS 5024:1968	Specification for Buffalo-butt leather for knee	Feb 2009	
37	IS 5034:1987	Specification for Chromed goat skin in wet-blue conditions (first revision)	Feb 2009	
38	* IS 5127:1969	Specification for BABUL bark	Mar 2001	
39	* IS 5128:1969	Specification for AVARAM bark	Mar 2001	

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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40	* IS 5465:1969	Specification for SONALI bark	Mar 2001	
41	* IS 5466:1969	Methods of test for Vegetable tanning materials,	Mar 2001	
42	IS 5570:1987	Specification for Pickled Goat skins (first revision)	Feb 2009	
43	IS 5597:1970	Specification for Leather for boxing gloves	Feb 2009	
44	IS 5609:1983	Specification for Leather for hockey ball (first	Nov 2006	
45	IS 5677:1986	Specification for Shoe upper leather for direct moulding processes (first revision)	Feb 2009	1
46	IS 5712:1970	Specification for Slickers for leather industry	Feb 2009	
47	IS 5866:1979	Specification for Chrome leather for high altitude gloves (first revision)	Feb 2009	1
48	IS 5867:1970	Specification for Leather boards for insoles	Feb 2009	1
49	IS 5868:1983	Method of sampling for Leather (first revision)	Feb 2009	
50	IS 5914:1970	Methods of physical testing of leather	Feb 2009	1
51	IS 6153:1971	Specification for Protective leather clothing	Feb 2009	1
52	IS 6191:1971	Methods of microbiological colour fastness and microscopical tests for leather	Feb 2009	1
53	* IS 6199:1971	Specification for Wattle extract	Mar 2001	1
54	* IS 6301:1971	Specification for Basic chromium sulphate (for	Mar 2001	
55	IS 6351:1971	Specification for Unhairing and scudding knife for leather industry	Feb 2009	
56	* IS 6357:1971	Specification for Sulphated oil for leather fatliquoring	Mar 2001	
57	IS 6369:1971	Specification for Fleshing knife for leather industry	Feb 2009	
58	* IS 6657:1972	Specification for SAL bark	Mar 2001	
59	* IS 6658:1972	Specification for CASHEW testa	Mar 2001	
60	IS 7656:1975	Code of practice for curing and preservation of cattle hides and goat and sheep skins by wet	Feb 2009	
61	IS 7721:1986	Specification for Chrome tanned leather laces for heavy duty footwear (first revision)	Feb 2009	
62	* IS 7742:1975	Specification for Synthetic emulsion resin binders	Feb 2003	

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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63	IS 7954:1976	Specification for Suitcases	Feb 2009
64	IS 8087:1976	Specification for Briefcases	Feb 2009
65	IS 8121:1987	Specification for Chromed buff calf skin in wet-blue condition (first revision)	Feb 2009
66	IS 8155:1976	Specification for Portfolios	Feb 2009
67	IS 8170:1981	Guidelines for identification of finished leather for export (third revision)	Feb 2009
68	IS 8517:1977	Specification for Bag, air travel	Feb 2009
69	IS 8518:1977	Specification for Suitcase air travel	Feb 2009
70	* IS 8601:1977	Specification for Myrobalan nuts (whole and crushed) for tanning industry	Mar 2001
71	IS 8863(Part 1):1978	Specification for Leather sealing cups: Part 1 `U'	Nov 2006
72	* IS 9004:1978	Specification for TAMARIND seed testa	Feb 2003
73	IS 9155:1979	Leather for gas meter diaphragms	Feb 2009 1
74	IS 9159:1979	Guidelines for grading of raw hides and skins	Feb 2009
75	IS 9160:1979	Guidelines for trimming of Indian cattle hides	Feb 2009
76	IS 9161:1979	Guidelines for selection of finished zuggrain leather for boot and shoe uppers	Feb 2009
77	IS 9426:1980	Guidelines for procurement of hides and skins	Feb 2009
78	IS 9662(Part 1):1980	Code of practice for construction and assembly of leather sealing cups: Part 1 `U' cups	Feb 2009
79	IS 9663:1980	Code of practice for flaying of hides and skins	Feb 2009
80	IS 9664:1980	Specification for Diameters of sealing areas for use of leather cups	Feb 2009
81	IS 10285:1982	Guide for tannin bearing plants	Feb 2009
82	* IS 10286:1993	Bleaching syntan - Specification (second revision)	Feb 2005
83	IS 10845:1984	Specification for Bag, pilot	Feb 2009
84	IS 11230:1985	Specification for Leather for utility glove	Feb 2009
85	IS 11749:1986	Specification for Manually operated toggle clips for leather industry	Feb 2009

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
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86	IS 11944:1987	Specification for Wallet, leather	Feb 2009
87	* IS 11987:1986	Specification for Wax-emulsion for leather finishing	Feb 2003
88	IS 12435:1988	Guidelines for grading of hides and skins on the basis of mass and size	Oct 2010
89	IS 12607:1989	Measurement of hides and skins in the wet blue condition - Guidelines	Feb 2009
90	IS 12623:1989	Leather - Chrome tanned cattle hides in wet-blue conditions - Specification	Feb 2009
91	IS 12659:1989	Leather - Measurement of thickness of surface coating on leather - Method of Test	Feb 2009
92	IS 12671:1989	Hides and skins, fresh or cured - Glossary of	Feb 2009 1
93	IS 12718:1989	Leather for garments - performance requirements	Feb 2009
94	IS 13022:1991	Enzyme bates (alkaline) - Specification	Feb 2009
95	IS 13023:1991	Enzyme bates (acidic) - Specification	Feb 2009
96	* IS 13024:1990	Syantans for prevention of sludge formation in vegetable tan liquors - Specification	Mar 2001
97	* IS 13271:1992	Syantans - Methods of test	Feb 2003
98	IS 13307:1992	Resin finished shoe uppers from goat and sheep skins - Specification	Feb 2009
99	* IS 13527:1992	Replacement syntans - Specification	Feb 2003
100	* IS 13528:1992	Pretanning syntans - Specification	Feb 2003
101	* IS 13606:1993	Synthetic sulphochlorinated fatliquors for leather processing - Specification	Feb 2003
102	* IS 13625:1992	Retanning syntans including acrylic and related syntans - Specification	Feb 2003
103	* IS 14360:1996	Semichrome suede upper leather - Specification	Jan 2002
104	* IS 14361:1996	Patent leather - Specification	Jan 2002
105	IS 14487:1997	Measurement of area of Leather - Guideline	Feb 2009
106	* IS 14488:1998	Sulphited fat liquors for leather-Specification	Feb 2005
107	IS 14575:1999	Determination of pentachlorophenol (PCP) in leather - Method of test	Oct 2010
108	IS 14583:1998	Suede lining leather - Specification	Oct 2010

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109	IS 14816:2000	Leather - Method of test for Eco criteria	Oct 2010
110	IS 14898:2001	Eco criteria for finished leather - Specification	Oct 2010
111	IS 14969:2001	Leather - Upper leather made from splits - Method of identification	Nov 2006
112	IS 14970:2001	Leather - Lastometer Grain Crack test - Method of	Nov 2006
113	IS 15776:2008	Polyurethane (PU) Coated Leather - Specification	
114	IS 15779:2007	Metal Complex Syntans - Specification	
115	IS 2822(Part 1):1998 / ISO 2822-1:1998	Raw cattle hides and calf skins - Part 1: Descriptions of defects	
116	IS 4683(Part 1):1998 / ISO 4683-1:1998	Raw sheep skins Part 1: Descriptions of defects	
117	IS 4683(Part 2):1999 / ISO 4683-2:1999	Raw Seep Skins Part 2: Designation and	
118	IS 5432:1999 / ISO 5432:1999	Leather - Wet blue sheep skins - Specification	
119	IS 7482(Part 1):1998 / ISO 7482-1 :1998	Raw goat skins - Part 1: Description of defects	
120	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(1599)	Patent Leather - Specification (first revision of IS 14361)
3	DOC.CHD 17(1600)	Semichrome Suede Upper Leather - Specification (first revision of IS 14360)
4	DOC.CHD 17(1616)	Specification for Myrobalan Extract (second revision of IS 2716)
5	DOC.CHD 17(1617)	Specification for Babul Bark (first revision of IS
6	DOC.CHD 17(1618)	Specification for Basic Chromium Sulphate (For Tanning) (first revision of IS 6301)
7	DOC.CHD 17(1619)	Specification for Sal Bark (first revision of IS
8	DOC.CHD 17(1620)	Specification for Myrobalan Nuts (whole and Crushed) for Tanning Industry (first revision of IS
9	DOC.CHD 17(1621)	Specification for Taamarind Seed Testa (first revision of IS 9004)
10	DOC.CHD 17(1622)	Specification for Cashew Testa (first revision of IS 6658)

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11	DOC.CHD 17(1625)	GORAN bark (second revision of IS 3969)'.
12	DOC.CHD 17(1626)	AVARAM bark (first revision of IS 5128))
13	DOC.CHD 17(1627)	Methods of test for Vegetable tanning materials, (first revision of 5466)'.
14	DOC.CHD 17(1628)	Specification for Synthetic emulsion resin binders (first revision of' IS 7742)'.
15	DOC.CHD 17(1629)	Syntan - Method of Test (first revision of IS
16	DOC.CHD 17(1630)	Syntan for prevention of sludge formation in vegetable tan liquors - Specification(first revision
17	DOC.CHD 17(1631)	Specificaiton for Sulphated oil for Leather fat liquoring (first revision of IS 6357)'.
18	DOC.CHD 17(1632)	Specification for Wattle Bark (first revision of IS
19	DOC.CHD 17(1636)	Bleaching syntan - Specification (third revision of IS 10286)'.
20	DOC.CHD 17(1637)	Pretanning syntans - Specification (first revision of IS 13528).
21	DOC.CHD 17(1638)	Retanning syntans including acrylic and related syntans- Specification (first revision of IS 13625)
22	DOC.CHD 17(1639)	Casein based aqueous pigment and finishes (first revision of IS 3999).
23	DOC.CHD 17(1640)	Wattle extract (first revision of IS 6199).
24	DOC.CHD 17(1641)	Wax-emulsion for leather finishing (first revision of IS 11987).
25	DOC.CHD 17(1642)	Sulphited fatliquors for leather-Specification (first revision of IS IS 14488).
26	DOC.CHD 17(1643)	Synthetic sulphochlorinated fatliquors for leather (first revision of IS 13606).
27	DOC.CHD 17(1644)	Cutch (second revision IS 3967).
28	DOC.CHD 17(1647)	Specification for Sonali Bark (first revision of IS
29	DOC.CHD 17(1648)	Replacement Syntans - Specification (first revision of IS 13527)

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(1729) / IS/ISO 5398-1	Leather - Chemical determination of chromic oxide content - Part 1 : Quantification by titration

* INDICATES STANDARDS UNDER REVISION
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4	DOC.CHD 17(1737) / ISO 4048	Leather - Chemical Tests - Determination of Matter Soluble in Dichloromethane and Free Fatty Acid
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(1615) / ISO 14931:2004	Leather - Guide to the selection of leather for apparel (excluding furs)
7	DOC.CHD 17(1742) / ISO 17226-2	Leather - Chemical Determination of Formaldehyde Content - Part 2: Method Using Colorimetric Analysis
8	DOC.CHD 17(1739) / ISO 5398-2	Leather - Chemical Determination of Chromic Oxide Content - Part 2: Quantification by Colorimetric
9	DOC.CHD 17(1612) / ISO 5431:1999	Leather - Wet blue goat skins - Specification
10	DOC.CHD 17(1610) / ISO 7482-2:1999	Raw goat skins - Part 2 Guidelines for grading on the
11	DOC.CHD 17(1614) / ISO 5433:1999	Leather - Bovine Wet blue - Specification
12	DOC.CHD 17(1730) / ISO 5398-3	Leather - Chemical Determination of Chromic Oxide Content = Part 3: Quantification By Atomic Absorption Spectrometry
13	DOC.CHD 17(1731) / ISO 5398-4	Leather - Chemical Determination of Chromic Oxide Content - Part 4: Quantification By Inductively
14	DOC.CHD 17(1732) / ISO 17232	Leather - Physical and Mechanical Tests - Determination of Heat Resistance of Patent
15	DOC.CHD 17(1733) / ISO 22288	Leather - Physical and Mechanical Tests - Determination of Flex Resistance by the Vamp Flex Method
16	DOC.CHD 17(1734) / ISO 26082	Leather - Physical and Mechanical Tests - Determination of Soiling With Rubbing for Automotive Leather
17	DOC.CHD 17(1735) / ISO 23910	Leather - Physical and Mechanical Tests - Measurement of Stitch Tear Resistance
18	DOC.CHD 17(1736) / ISO 4044	Leather - Chemical Tests - Preparation of Chemical Test Samples
19	DOC.CHD 17(1738) / ISO 4045	Leather - Chemical Tests - Determination of Ph
20	DOC.CHD 17(1740) / ISO 17075	Leather- Chemical Tests - Determination of Chromium (VI) Content
21	DOC.CHD 17(1825)	Vegetable Tanned Sole Leather - Specification (Fourth Revision of IS 579)

* **INDICATES STANDARDS UNDER REVISION**
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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.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
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	Mar 2011	
5	IS 2051:1976	Methods for sampling of Leather Footwear (first revision)	May 2007	
6	* IS 3735:1996	Canvas shoes, rubber sole - Specification (second revision)		4
7	* IS 3736:1995	Canvas boots, rubber sole - Specification (second revision)		3
8	* IS 3976:2003	Protective Rubber-Canvas Boots for Miners - Specification (fifth revision)		1
9	IS 4512:1978	Specification for Footwear lasts, Wooden (first	Mar 2011	
10	IS 5520:1969	Specification for Wooden,Lasts for heavy duty	Mar 2011	1
11	IS 5557:2004	Safety rubber boots - Industrial and Protection Rubber knee and Ankle Boos - Specification	Mar 2011	
12	IS 5676:1995	Moulded solid rubber soles and heels - Specification (second revision)	May 2007	
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	May 2007	
15	IS 6053(Part 2):1971	Specification for Handtools for Footwear Industry: Part 2 Bottom Cutting Knife (RAMPI)	May 2007	
16	IS 6053(Part 3):1971	Handtools for Footwear Industry: Part 3 Designers' Knife	May 2007	
17	IS 6053(Part 4):1972	Specification for Handtools for Footwear Industry: Part 4 Half Round Knife	May 2007	
18	IS 6053(Part 5):1972	Handtools for footwear industry: Part 5 Straight hacking knife	May 2007	

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19	IS 6368:1971	Method for sampling of rubber and rubber combination footwear	May 2007	
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	May 2007	
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	May 2007	
24	IS 6721:1972	Specification for PVC Sandal	May 2007	
25	IS 7329:1974	Specification for Metal Lasts for Safety Rubber Canvas Ankle Boots	May 2007	3
26	IS 7554:2009	Toe puff and counter stiffeners materials - Specification (first revision)		
27	IS 8060:1976	Specification for Heel tip and toe tip with Nails for footwear	May 2007	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	May 2007	
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	May 2007	
34	** IS 10702:1992	Rubber Hawai chappal - Specification (second revision)	Mar 2011	2
35	** IS 10945:1984	Specification for Shanks for footwear	May 2007	
36	IS 11226:1993	Leather safety footwear having direct moulded rubber sole - Specification (first revision)	May 2007	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	May 2007	
39	IS 12240(Part 1):1988	Methods of test for polyvinyl chloride boots: Part 1 Measurement of thickness	May 2007	

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40	IS 12240(Part 2):1988	Methods of test for polyvinyl chloride boots: Part 2 Determination of durometerhardness Shore A	May 2007
41	IS 12240(Part 3):1988	Methods of test for polyvinyl chloride boots: Part 3 Determination of relative density	May 2007
42	IS 12240(Part 4):1988	Methods of test for polyvinyl chloride boots: Part 4 Determination of volatility	May 2007
43	IS 12240(Part 5):1988	Methods of test for polyvinyl chloride boots: Part 5 Determination of lead content	May 2007
44	IS 12240(Part 6):1988	Methods of test for polyvinyl chloride boots: Part 6 Determination of tensile strength and elongation at break	May 2007
45	IS 12240(Part 7):1988	Methods of test for polyvinyl chloride boots: Part 7 Flexing test resistance tocut growth for soling	May 2007
46	IS 12240(Part 8):1988	Methods of test for polyvinyl chlorde boots: Part 8 Resistance to flexing for polyvinyl chloride upper material	May 2007
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	May 2007
49	IS 13800:1993	Shoe sizes - Method of marking	Mar 2011
50	** IS 13893:1994	Polyurethane soles semirigid - Specification	May 2007
51	IS 13995:1995	Unlined moulded rubber boots - Specification	Oct 2008
52	IS 14544:1998	Leather safety footwear with direct moulded PVC soles - Specification	Oct 2008
53	IS 15196:2002	Plastic Footwear Lasts - Specification	Oct 2008
54	IS 15251:2002	Lasts for Heavy Duty Shoes - Specification	May 2007
55	IS 15298(Part 1):2002 / ISO 8782-1:1998	Safety, protective and occupational footwear for professional use - Part 1: Requirements and Test methods	
56	IS 15298(Part 2):2011 / ISO 20345:2004	Personal protective equipment - Safety footwear	
57	IS 15298(Part 3):2011 / ISO 20346:2004	Personal protective equipment - Protective	
58	IS 15298(Part 4):2010 / ISO 20347:2004	Personal protective equipment - Part 4 Occupational footwear (First Revision)	
59	* IS 15298(Part 5):2004 / ISO8782-5	Safety, protective and occupational footwear for professional use- Part 5 Additional requirements and test methods	Mar 2011
60	* IS 15298(Part 6):2004 / ISO8782-6:2000	Safety, protective and occupational footwear for professional use - Part 6 Additional specifications for safety Footwear	Mar 2011 1

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61	* IS 15298(Part 7):2004 / ISO8782-7:2000	Safety, protective and occupational footwear for professional use - Part 7 additional specification for Protective Footwear	Mar 2011	1
62	* IS 15298(Part 8):2004 / ISO8782-8:2000	Safety, protective and occupational footwear for professional use Part 8 Additional specification for occupational Footwear	Mar 2011	1
63	IS 15844:2010	Sports Footwear - Specification		

FINALISED DRAFTS UNDER PRINT

1	DOC.CHD 19(1649) / ISO 20344:2004	Personal protective equipment - Test methods for footwear		
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DRAFT STANDARDS FORMULATED

1	DOC.CHD 19(1359)	Children Shoes		
2	DOC.CHD 19(1811)	Specification for Canvas shoes,polymeric sole (IS 3735)		
3	DOC.CHD 19(1812)	Specification for Canvas boots,polymeric sole (IS		
4	DOC.CHD 19(1813)	Specification for protective rubber canvas boots for miners (IS 3976)		

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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

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 5:2007	Colours for Ready Mixed Paints and Enamels (sixth revision)		
2	IS 33:1992	Inorganic pigments and extenders for paints methods of sampling and test (third revision)	May 2009	1
3	IS 35:1975	Specification for zinc oxide for paints (first	Mar 2007	1
4	IS 38:1976	Specification for antimony oxide for paints (first revision)	May 2009	1
5	** IS 40:1971	Specification for carbon black for paints (first	May 2009	1
6	IS 44:1991	Iron oxide pigments for paints - Specification (second revision)	Mar 2007	1
7	** IS 50:1980	Specification for Lead and scarlet chromes (third revision)	May 2009	1
8	IS 51:1998	Zinc chrome for paints - Specification (fourth	May 2009	
9	IS 54:1988	Specification for green oxide of chromium for paints (second revision)	May 2009	
10	** IS 55:1970	Specification for ultramarine blue for paints (first revision)	May 2009	2
11	IS 56:1993	Prussian blue (iron blue) for paints -Specification (second revision)	May 2009	
12	IS 58:1976	Specification for Litharge (first revision)	May 2009	
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)	May 2009	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)	May 2009	
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)	May 2009	2

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20	IS 74:1979	Methods of sampling and test for drying oils for paints (second revision)	Mar 2007	
21	IS 77:1976	Specification for Linseed oil, boiled for paints (second revision)	May 2009	
22	IS 79:1975	Specification for Linseed stand oil for paints (first revision)	May 2009	
23	IS 80:1991	Tung oil for paints -Specification (second revision)	Mar 2007	
24	IS 81:1989	Dehydrated castor oil for paints - Specification (second revision)	May 2009	
25	IS 82:1973	Method of sampling and test for thinners and solvent for paints (first revision)	Mar 2007	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	Mar 2007	
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	May 2009	
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 2007	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	May 2009	
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)	May 2009	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	May 2009	
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	May 2009	
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 revision)	May 2009	
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 revision)	Mar 2007	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 2007	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)	May 2009	
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)	May 2009	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)	May 2009	
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)	May 2009	
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)	May 2009	
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)	May 2009	
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 2007	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)	May 2009	
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)	May 2009	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)	May 2009	
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)	May 2009	
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	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 2007	
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 2007	
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)	May 2009	
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 2007	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	May 2009	
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 2007	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)	May 2009	
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	May 2009	
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	May 2009	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	May 2009	
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)	May 2009	
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)	May 2009	
64	IS 104:1979	Specification for Ready mixed paint, brushing, zinc chrome, priming (second revision)	May 2009	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)	May 2009	3
66	** IS 110:1983	Specification for Ready mixed paint, brushing, grey filler, for enamels for use over primers (first	May 2009	
67	IS 133:2004	Enamel, interior(a) undercoating, (b) finishing - Specification (fourth revision)	May 2009	
68	IS 137:1965	Specification for Ready mixed paint, brushing, matt or eggshell flat, finishing, interior to Indian Standard Colour as required (revised)	May 2009	3
69	IS 138:1992	Ready mixed paint, marking for packages and petrol containers (third revision)	May 2009	1
70	IS 139:1981	Ready mixed paint, marking, quick drying, for marking with rubber stamps (second revision)	Dec 2010	
71	** IS 140:1980	Specification for Ready mixed paint, exterior, petrol resisting, air drying (first revision)	Dec 2010	1
72	** IS 142:1980	Specification for Ready mixed paint, exterior, petrol resisting stoving (first revision)	Dec 2010	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

73	IS 144:1950	Specification for Ready mixed paint, brushing, petrol resisting, air-drying, for interior painting of tanks and containers, red oxide (colour	May 2009	3
74	** IS 145:1950	Specification for Ready mixed paint, slushing, petrol resisting, air-drying for interior painting of tanks and containers, red oxide (colour	May 2009	4
75	** IS 146:1950	Specification for Ready mixed paint, brushing, petrol resisting, stoving, for interior painting of tanks and containers, red oxide (colour	May 2009	2
76	IS 147:1950	Specification for Ready mixed paint, brushing, petrol resisting stoving, for interior painting of tanks and containers, red oxide (colour unspecified)	May 2009	2
77	IS 150:1950	Specification for Ready mixed paint, brushing, finishing, stoving, enamel, colour as required	Dec 2010	3
78	** IS 151:1985	Specification for Ready mixed paint, spraying, finishing, stoving, enamel, for general purposes, colour as required (first revision)	Dec 2010	1
79	** IS 158:1981	Specification for Ready mixed paint, brushing, bituminous, black, lead-free, acid, alkali and heat resisting (third revision)	Dec 2010	2
80	IS 159:1981	Specification for Ready mixed paint, brushing, acid resisting (first revision)	May 2009	1
81	** IS 164:1981	Specification for Ready mixed paint for road marking (first revision)	Dec 2010	3
82	IS 168:1993	Ready mixed paint, air-drying, for general purposes -Specification (third revision)	Mar 2007	
83	** IS 198:1978	Varnish gold size (first revision)	May 2009	2
84	** IS 289:1963	Specification for Aluminium paste for paints	May 2009	2
85	** IS 337:1975	Specification for Varnish, finishing interior (first revision)	May 2009	
86	IS 341:1973	Specification for Black japan, Types A, B and C (first revision)	Mar 2007	
87	IS 344:1976	Specification for Varnish, stoving (first revision)	Mar 2007	
88	IS 347:1975	Specification for Varnish, shellac, for general purposes (first revision)	Mar 2007	
89	** IS 348:1968	Specification for French polish (first revision)	May 2009	1
90	IS 354(Part 1):1987	Methods of sampling and test for resins for paints: Part 1 General test methods(second revision)	Mar 2007	2
91	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 2007	3
92	IS 354(Part 3):1986	Methods of sampling and test for resins for paints: Part 3 Special test methodsfor phenolic resins (second revision)	Mar 2007	1

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

93	IS 354(Part 4):1986	Methods of sampling and test for resins for paints: Part 4 Special test methodsfor epoxy resins (second revision)	Mar 2007	2
94	IS 354(Part 5):1986	Methods of sampling and test for resins for paints: Part 5 Special test methodsfor polyamide resins (second revision)	Mar 2007	1
95	IS 354(Part 6):1989	Resins for paints- Methods of sampling and test : Part 6 Special test methods for amino resins (second revision)	Mar 2007	
96	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)	May 2009	
97	IS 356:1991	Ester gum resins - Specification(second revision)	Mar 2007	
98	IS 411:1991	Titanium dioxide, anatase, for paints - Specification (third revision)	May 2009	1
99	IS 419:1967	Specification for Putty, for use on window frames (first revision)	May 2009	5
100	** IS 423:1961	Specification for Plastic wood for joiners filter	May 2009	1
101	IS 427:2005	Distemper, dry, colour as required (second	Dec 2010	
102	IS 428:2000	Washable distemper - Specification (second	Mar 2007	2
103	IS 430:1972	Specification for Paint remover, solvent type, non- flammable (second revision)	May 2009	1
104	** IS 431:1972	Specification for Paint remover, solvent type, flammable (second revision)	May 2009	1
105	IS 524:1983	Specification for Varnish, finishing, exterior, synthetic, air drying (second revision)	Dec 2010	
106	** IS 525:1968	Specification for Varnish, finishing, exterior and general purposes (first revision)	May 2009	1
107	IS 553:1984	Specification for Rosin (gum rosin) (second	May 2009	2
108	** IS 642:1963	Specification for Varnish medium for aluminium paint (revised)	May 2009	2
109	IS 644:1992	Dipentene for paints-Specification (second	Mar 2007	
110	IS 840:1986	Specification for Cashewnut shell liquid (CNSL) (second revision)	Mar 2007	
111	IS 1303:1983	Glossary of terms relating to paints (second	Mar 2007	
112	** IS 1419:1989	Anti-fouling paint, brushing, for ship's bottoms and hulls (second revision)	May 2009	1
113	IS 1872:1961	Specification for Thinner for synthetic paints and varnishes for aircrafts	May 2009	1
114	IS 1873:1961	Specification for Thinner, antichill for cellulose nitrate based paints, dopes and lacquers for	May 2009	3

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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115	IS 1874:1992	Ready mixed paint, universal, zinc chrome, priming (synthetic) for light alloys (first revision)	May 2009	1
116	IS 2074:1992	Ready mixed paint, air drying, red oxide-zinc chrome, priming-Specification (second revision)	May 2009	2
117	IS 2075:2000	Ready mixed paint, stoving, red-oxide-zinc chrome priming - Specification (second revision)	Mar 2007	1
118	IS 2339:1963	Specification for Aluminium paint for general	May 2009	4
119	IS 2932:2003	Enamel, synthetic, exterior (a) undercoating, (b) finishing (third revision)	May 2009	
120	** IS 2933:1975	Specification for Enamel exterior (a) undercoating, (b) finishing (first revision)	May 2009	2
121	IS 3493:1978	Methods of sampling and test for organic pigments for paints (first revision)	Mar 2007	1
122	IS 3520:1992	Water -soluble sodium carboxymethyl cellulose - Specification (second revision)	May 2009	
123	IS 3526:1981	Barium chromate for paints (first revision)	Dec 2010	1
124	** IS 3527:1972	Specification for Mica for paints (first revision)	May 2009	1
125	IS 3536:1999	Ready mixed paint, brushing, wood primer - Specification (first revision)	May 2009	1
126	** 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	May 2009	1
127	IS 3539:1966	Specification for Ready mixed paint, undercoating, for use under oil finishes, to Indian StandardColours, as required	May 2009	3
128	** IS 3574(Part 1):1965	Organic pigments for paints: Part 1 Azo pigments	May 2009	
129	IS 3574(Part 2):2000	Organic pigments for paints - Specification Part 2 Phthalocyanines(first revisiion)	Dec 2010	
130	IS 3585:1966	Specification for Ready mixed paint, aluminium, brushing priming, water resistant, for woodwork	May 2009	2
131	IS 3678:1966	Specification for Ready mixed paint, thick white, for lettering	May 2009	3
132	** IS 3709:1966	Specification for Mastic cement for bedding of metal windows	May 2009	
133	IS 5083:1988	Specification for Knifing stopper for railway coaches (second revision)	May 2009	3
134	IS 5410:1992	Cement paint (first revision)	May 2009	4
135	IS 5661:1970	Code of practice for packing and marking of packages of paints, enamels, varnishes and allied	Mar 2007	

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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136	IS 5666:1970	Specification for Etch (pretreatment) primer	May 2009	1
137	IS 5667:1970	Thinner for cellulose nitrate based paints and	Dec 2010	1
138	** IS 5691:1970	Specification for Lacquer, cellulose, nitrate pigmented, finishing, glossy	May 2009	1
139	** IS 6125:1971	Specification for Enamel, synthetic, stoving, for automobiles	May 2009	1
140	IS 6126:1971	Specification for Nitrocellulose surfacer	Dec 2010	
141	IS 6127:1971	Specification for Varnish, spar and fungicidal	Dec 2010	
142	IS 6667:1972	Glossary of terms used in synthetic resin industry	Mar 2007	
143	** IS 6714:1989	Ready mixed paint, finishing, non-slip deck (first revision)	May 2009	1
144	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	May 2009	1
145	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	May 2009	
146	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	May 2009	1
147	** IS 6948:1973	Specification for Ready mixed paint, undercoat, synthetic for ships	Dec 2010	2
148	** IS 6951:1973	Specification for Ready mixed paint, finishing, exterior for ships	Dec 2010	1
149	** IS 7164:1973	Specification for Stopper	May 2009	
150	IS 8098(Part 1):1976	Code of practice for finishing of automobile bodies Part 1 Finishing of passenger cars	Mar 2007	
151	IS 8098(Part 2):1981	Code of practice for finishing of automobile bodies Part 2 Refinishing of passenger cars	Mar 2007	
152	IS 8662:2004	Enamel, synthetic, exterior (a) undercoating (b) finishing for railway coaches - Specification (second revision)	May 2009	
153	IS 8766:1978	Specification for Driers for paints	May 2009	
154	** IS 8767:1978	Specification for Calcium carbonate, precipitated and activated for paints	May 2009	1
155	IS 8982:1991	Ready mixed paint, finishing air drying for war equipment (first revision)	Mar 2007	2
156	** IS 8983:1978	Ready mixed paint, finishing, stoving for war	May 2009	

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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157	** IS 9034:1978	Specification for Enamel, synthetic, exterior, air drying, for use on primed surfaces of motor vehicles and other equipment	May 2009	
158	IS 9788:1981	Specification for Titanium dioxide, rutile for paints	May 2009	1
159	IS 9862:1981	Ready mixed paint, brushing, bituminous, black, lead-free, acid, alkali, water and chlorine resisting (first revision)	May 2009	1
160	** IS 10018:1981	Specification for Lacquer, cellulose, nitrate, clear, finishing, glossy for wood	May 2009	
161	** IS 10897:1984	Specification for Zinc phosphate pigment for paints	May 2009	
162	IS 11811:1986	Specification for Alkyd resins	Mar 2007	
163	IS 11883:1986	Specification for Ready mixed paint, brushing, red oxide, priming for metals	Dec 2010	1
164	IS 12744:1989	Ready mixed paint, air drying, red oxide, zinc phosphate, priming-Specification	May 2009	2
165	IS 13183:1991	Aluminium paint, heat resistant - Specification	Dec 2010	2
166	IS 13184:1991	Mastic filler, epoxy based (two pack)-Specification	Dec 2010	
167	IS 13213:1991	Polyurethane full gloss enamel (two pack)-	Mar 2007	1
168	IS 13238:1991	Epoxy based zinc phosphate primer (two pack)	Mar 2007	3
169	IS 13239:1991	Epoxy surfacer (two pack)-Specification	Mar 2007	2
170	IS 13467:1992	Chlorinated rubber for paints - Specification	Mar 2007	
171	IS 13607:1992	Ready mixed paint, finishing, general purposes, synthetic-Specification	May 2009	1
172	IS 13759:1993	Polyurethane primer zinc phosphate (two pack) for exterior painting of railway coaches-Specification	May 2009	
173	IS 13798:1993	Polyurethane base knifing filler (Two pack) for exterior painting of railway coaches-Specification	May 2009	2
174	IS 13799:1993	Polyurethane base surfacer (Two Pack) for exterior painting of railway coaches - Specification	May 2009	
175	IS 13871:1993	Powder coatings - Specification	May 2009	1
176	IS 13966:1994	Carboxymethyl cellulose for use in oil industries - Specification	May 2009	
177	IS 14209:1994	Epoxy enamel, two component, glossy -	May 2009	1
178	IS 14314:1995	Thinner general purpose for synthetic paints and varnishes - Specification.	Mar 2007	

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** INDICATES STANDARDS TO BE REVISED
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179	IS 14355:1996	Zinc dust pigment for paints - Specification	Mar 2007	1
180	IS 14499:1998	Strontium chromate for paints - Specification	May 2009	
181	IS 14506:1998	Epoxy redoxide zinc phosphate weldable primer, two component - Specification	May 2009	
182	IS 14589:1999	Zinc priming paint, epoxy based ,two pack -	May 2009	
183	IS 14925:2001	Epoxy resin for paints - Specification	Mar 2007	
184	IS 14946:2001	Zinc ethyl silicate primer two components- Specification	Mar 2007	
185	IS 14947:2001	Enamel Synthetic, Oil resistant air drying -	Mar 2007	
186	IS 14948:2001	Paint coal tar epoxy, two pack, black and brown (base and hardener) - Specification	Mar 2007	
187	IS 15365:2003	Amino resins for paints - Specification	May 2009	
188	IS 15366:2003	Dolomite for paint industry - Specification	May 2009	
189	IS 15489:2004	Paint, plastic emulsion - Specification	May 2009	

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 20(1875)	Washable distemper - Specification (third revision)
2	DOC.CHD 20(1877)	Specification for Aluminium paint for general purposes Part 2 for industrial and commercial applications (first revision of IS 2339)
3	DOC.CHD 20(1657)	Specification for ready mixed paint, exterior, petrol resisting, air drying (second revision of IS 140)
4	DOC.CHD 20(1658)	Specification for ready mixed paint, exterior, petrol resisting, stoving (second revision of IS 142)
5	DOC.CHD 20(1659)	Specification for ready mixed paint, spraying, finishing, stoving, enamel, for general purposes, colour as required (second revision of IS 151)
6	DOC.CHD 20(1660)	Specification for ready mixed paint, brushing, bituminous, black, lead free, acid, alkali and heat resisting (fourth revision of IS 158)
7	DOC.CHD 20(1661)	Specification for ready mixed paint for road marking (second revision of IS 164)
8	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
9	DOC.CHD 20(1810)	Polyurethane matt finish (two pack)- Specification
10	DOC.CHD 20(1858)	Specification for Lead and scarlet chromes (Fourth revision of IS 50)

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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11	DOC.CHD 20(1859)	Specification for Calcium carbonate, precipitated and activated for paints (First revision of IS 8767)
12	DOC.CHD 20(1860)	Specification for Organic Pigments for Paints Part 1 Azo Pigments (Toluidine Red; Chlorinated P-Nitroaniline Red; Arylamide Yellows and Para Red (First revision of IS 3574(Part 1)
13	DOC.CHD 20(1868)	Enamel, synthetic, exterior (a) undercoating, (b) finishing- Specification Part 1 For household and decorative applications (fourth revision of IS
14	DOC.CHD 20(1869)	Enamel, synthetic, exterior (a) undercoating, (b) finishing -Specification Part 2 For Industrial and commercial applications (fourth revision of IS
15	DOC.CHD 20(1870)	Enamel exterior (a) undercoating, (b) finishing Specification Part 1 for household and decorative applications (second revision of IS 2933)
16	DOC.CHD 20(1871)	Enamel exterior (a) undercoating, (b) finishing Specification Part 2 for industrial and commercial applications (second revision of IS 2933)
17	DOC.CHD 20(1872)	Enamel, interior(a) undercoating, (b) finishing - Specification Part 1 for household and decorative applications (fifth revision of IS 133)
18	DOC.CHD 20(1873)	Enamel interior (a) undercoating, (b) finishing Specification Part 2 for industrial and commercial applications (fifth revision of IS 133)
19	DOC.CHD 20(1874)	Distemper, dry, colour as required (third revision)
20	DOC.CHD 20(1876)	Specification for Aluminium paint for general purposes Part 1 for domestic and decorative applications(first revision of IS 2339)
21	DOC.CHD 20(1878)	Ready mixed paint, air drying, red oxide, zinc phosphate, priming-Specification Part 1 for domestic and decorative applications(fourth revision of IS 12744)
22	DOC.CHD 20(1879)	Ready mixed paint, air drying, red oxide, zinc phosphate, priming-Specification Part 2 for industrial and commercial applications (fourth revision of IS 12744)
23	DOC.CHD 20(1880)	Cement paint -Specification (second revision of IS 5410)
24	DOC.CHD 20(1881)	Paint, plastic emulsion- Specification (first revision of IS 15489)
25	DOC.CHD 20(1883)	Specification for Putty, for use on window frames (second revision of IS 419) (superseding IS :420-
26	DOC.CHD 20(1901)	Specification for Ready mixed paint, brushing, zinc chrome, priming (third revision)
27	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)
28	DOC.CHD 20(1903)	Specification for French polish (second revision)

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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29	DOC.CHD 20(1904)	Specification for Varnish medium for aluminium paint (second revision)
30	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
31	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
32	DOC.CHD 20(1907)	Specification for Ready mixed paint, aluminium, brushing priming, water resistant, for woodwork(first revision of IS 3585)

** INDICATES STANDARDS UNDER REVISION
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*** INDICATES STANDARDS TO BE REVISED
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CHD 23 LAC, LAC PRODUCTS AND POLISHES

SCOPE a) To formulate Indian Standards for terminology, codes of practices, methods of sampling, tests and specifications for lac, lac products, polishes, related products and their raw materials.

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 15:1973	Seedlac (second revision)	Apr 2008	1
2	IS 16(Part 1):2008	Shellac - Specification Part I Hand-made shellac (fourth revision)		
3	IS 16(Part 2):2008	Shellac - Specification Part 2 Machine-made shellac (fourth revision)		
4	IS 17:1973	Bleached lac (second revision)	Apr 2008	2
5	IS 868:1990	Sealing wax (first revision)	Apr 2008	
6	IS 1746:1992	Shoe polish, paste (third revision)	Apr 2008	1
7	IS 2978:1986	By-products of lac (first revision)	Apr 2008	
8	IS 4779:1985	Leather sole and edge wax polishes (first revision)	Apr 2008	
9	IS 4908:1968	Glossary of terms used in lac industry	Apr 2008	1
10	IS 5467:1986	Shellac wax (first revision)	Apr 2008	
11	IS 5468:1993	Blanco (first revision)	Jul 2004	
12	IS 5480:1983	Automobile polish, paste (first revision)	Apr 2008	1
13	IS 5481:1992	Floor polish, liquid (first revision)	Apr 2008	
14	IS 5487:1992	Metal polish, liquid (first revision)	Apr 2008	
15	IS 5969:1992	Metal polish, paste (first revision)	Apr 2008	
16	IS 6045:1994	Wax-emulsion sole leather polish (first revision)	Apr 2008	
17	IS 6271:1992	Silver polish, liquid (first revision)	Apr 2008	
18	IS 6350:1985	Shoe cream (first revision)	Apr 2008	
19	IS 6704:1992	Pigmented floor polish, paste (first revision)	Apr 2008	1

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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20	IS 6766:1993	Buffing compounds used for nickel and chrome plated surfaces (first revision)	Sep 2005	1
21	IS 6771:1972	Aluminium polish, paste for aircraft	Apr 2008	
22	IS 6921:1973	Methods of sampling and test for lac and lac	Apr 2008	1
23	IS 7982:1992	Automobile polish, liquid (first revision)	Apr 2008	
24	IS 7984:1991	Rubbing compound (first revision)	Apr 2008	
25	IS 8171:1992	Glossary of terms relating to polishes and related materials (second revision)	Apr 2008	1
26	IS 8541:1993	Polish, paste for floor and wooden furniture (first revision)	Jul 2004	
27	IS 9518:1980	Automobile polish, liquid, containing silicone	Apr 2008	
28	IS 10025:1981	Polish liquid (white) for canvas footwear	Apr 2008	1
29	IS 12010:1987	Shoe polish, liquid	Apr 2008	1
30	IS 12123:1987	Aluminium polish, liquid for aircraft	Apr 2008	
31	IS 12518:1988	Shellac bond powder	Apr 2008	
32	IS 12921:1990	Lac dye	Apr 2008	
33	IS 13160:1991	Aleuritic acid	Apr 2008	1
34	IS 13294:1992	Non-buffable floor polish, liquid	Apr 2008	
35	IS 13977:1994	Polish liquid, multipurpose	Apr 2008	

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

CHD 24 BRUSHWARE

SCOPE To formulate Indian Standards for terminology; methods of sampling and test; codes of practice; and specifications for various types of brushes including industrial, domestic, personal hygiene and Civil applications and filling materials.

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	* IS 384:2002	Brushes, paints and varnishes, flat - Specification(fifth revision)	Sep 2007	1
2	* IS 486:1983	Brushes, sash tool, for paints and varnishes (third revision)	Jun 2005	1
3	* IS 487:1997	Brush, paint and varnish, i) Oval ferrule bound, and ii) round ferrule bound (fourth revision)	Jun 2005	1
4	IS 1103:1984	Specification for Brushes, artist's (third revision)	May 2008	2
5	IS 1104:1984	Specification for Brushes, lettering (second	May 2008	1
6	IS 1844:1993	Bristles-Specification (second revision)	May 2008	
7	IS 2616:1963	Specification for Brush, i) cleaning tank, and ii) commode and lavatory	May 2008	2
8	IS 2621:1976	Specification for Brush, commode chutes (first revision)	May 2008	1
9	IS 2622:1986	Specification for Brush, banister (hand sweeping), single (second revision)	May 2008	3
10	IS 2701:1986	Specification for Brush,carriage washing (without handle) (second revision)	Jun 2005	2
11	* IS 3008:2002	Brushes, shoe blacking -Specification(third	Sep 2007	3
12	IS 3009:2002	Brushes, shoe polishing -Specification (third	Sep 2007	1
13	IS 3015:1985	Specification for Brush, scrubbing (first revision)	Sep 2007	
14	IS 3387:2004	Toothbrush - Specification (Second Revision)	May 2008	
15	IS 3451(Part 1):1978	Code of practice for care and maintenance of brushes, Part 1 - Pan set brushes(first revision)	May 2008	
16	IS 3451(Part 2):1975	Code of practice for care and maintenance of brushes, Part 2 - Brushes other than pan set	May 2008	
17	IS 4208:1985	Specification for Brush, stencil (second revision)	May 2008	1
18	IS 4214:1997	Brush, boiler tube (without shank) - Specification (first revision)	Sep 2007	
19	IS 4301:1999	Specification for Brushes, foundry, flat - Specification (first revision)	May 2008	

* INDICATES STANDARDS UNDER REVISION
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** INDICATES STANDARDS TO BE REVISED
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20	IS 4517:1986	Specification for Brush, welder's (first revision)	Sep 2007	
21	IS 4580:1986	Specification for Brushes, shaving (first revision)	Sep 2007	3
22	IS 4584:2002	Brushes, hair -Specification (first revision)	Sep 2007	1
23	IS 5060:1969	Glossary of terms used in brushware industry	May 2008	
24	IS 5207:1969	Specification for Brushes, clothes	Jun 2005	3
25	IS 5683:1970	Specification for Brushes, push-sweeping (without handle)	May 2008	2
26	IS 7473:1974	Specification for Brushes, tar	May 2008	3
27	IS 7477:1974	Brushes, harness, hard	May 2008	3
28	IS 8592:1977	Methods for identification of brush filling materials of animal origin	May 2008	
29	IS 9276:1979	Specification for Brushes, horse	Sep 2007	
30	IS 11750:1986	Specification for Brush, fitch, flat with long handle	May 2008	2
31	IS 12920:1990	Brush, drain cleaning (without handle)-Specification	May 2008	1
32	IS 13348:1992	Brush, rubber squeezer, with handle-Specification	Sep 2007	

FINALISED DRAFTS UNDER PRINT

1	DOC.CHD 24(1663)	Brushes, paints and varnishes, flat- Part 1 Heavy duty (Sixth revision of IS 384)
2	DOC.CHD 24(1664)	Brushes, sash tool, for paints and varnishes (fourth revision of IS 486)
3	DOC.CHD 24(1665)	Brush, paint and varnish- i) Oval ferrule bound, and ii) round, ferrule bound (fifth revision of IS
4	DOC.CHD 24(1666)	Brushes, shoe blacking (fourth revision of IS

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.CHD 24(1369)	Draft Amendment No. 3 to IS 1103
2	DOC.CHD 24(1370)	Draft Amendment No. 2 to IS 3009

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 24(1668)	Brushes, paints and varnishes, flat- Part 2 Household purposes (Sixth revision of IS 384)
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DRAFT STANDARDS APPROVED FOR WIDE CIRCULATION

1	DOC.CHD 24(1667)	Brushes, shaving (second revision of IS 4580)
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* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** 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

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
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)	Feb 2008	5
3	IS 1061:1997	Disinfectant fluids, phenolic type -Specification (fourth revision)	Feb 2011	3
4	IS 1796:1986	Specification for Glycerine (second revision)	Feb 2011	
5	IS 2887:1993	Laundry soap powders-Specification (second	Feb 2011	4
6	IS 2888:2004	Toilet soap -Specification(third revision)	Feb 2011	2
7	IS 4199:2001	Liquid toilet soap-Specification (third revision)	Nov 2006	
8	IS 4955:2001	Household laundry detergent powders - Specification (fourth revision)	Nov 2006	2
9	IS 4956:2002	Synthetic detergent for industrial purposes - Specification (second revision)	Feb 2008	
10	IS 5784:2001	Shaving Soap - Specification (first revision)	Nov 2006	
11	IS 5785(Part 1):1970	Methods for performance tests for surface active agents: Part 1 Relative dispersing power	Feb 2011	
12	IS 5785(Part 2):1970	Methods for performance tests for surface active agents: Part 2 Relative emulsifying power	Feb 2011	
13	IS 5785(Part 3):1970	Methods for performance tests for surface active agents: Part 3 Foaming power	Feb 2011	1
14	IS 5785(Part 4):1976	Methods for performance tests for surface active agents: Part 4 Relative detergency (first revision)	Feb 2011	1
15	IS 5785(Part 5):1981	Methods for performance tests for surface active agents: Part 5 Wetting power	Feb 2011	
16	IS 6047:2009	Scouring products for Utensil cleaning - Specification (First Revision)		1
17	IS 7532:1974	Specification for Soft soap	Feb 2011	4
18	IS 7597:2001	Surface active agents - Glossary of terms (first revision)	Nov 2006	1
19	* IS 7983:1994	Toilet cleaner liquid - specification (first revision)	Feb 2008	1

* INDICATES STANDARDS UNDER REVISION
 / INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
 / INDICATES EQUIVALENT STANDARDS

20	IS 8180:1992	Household laundry detergent bars-Specification (second revision)	Feb 2011	5
21	IS 8401:1994	Alkyl benzene sulphonic acid (acid slurry) (first	Feb 2011	1
22	IS 8540:1986	Glass cleaner, liquid (first revision)	Feb 2011	
23	IS 9458:1994	Synthetic detergents for washing woollen and silk fabrics (first revision)	Feb 2011	3
24	IS 9985:1992	Sodium alkyl benzene sulphonate, technical (first revision)	Feb 2011	
25	IS 10513:1983	Sodium oleostearate, technical (soap noodles)	Feb 2011	
26	IS 10523:1983	Specification for Baby toilet soap	Feb 2011	5
27	IS 10536:1983	Castor oleine and castor oleo-stearine	Feb 2011	
28	IS 10758:1983	Specification for De-odorising-cum-disinfetant	Feb 2008	1
29	IS 10813:1984	Specification for Soap jelly for laundry purposes	Feb 2011	
30	IS 11303:1985	Specification for Transparent toilet soap	Feb 2011	4
31	IS 11479(Part 1):2001	Antibacterial toilet soap - Specification Part 1 Solid Cake (first revision)	Nov 2006	1
32	IS 11479(Part 2):2001	Antibacterial toilet soap - Specification Part 2 Liquid	Nov 2006	1
33	IS 11601:2002	Methods of safety Evaluation of synthetic detergents - test for skin irritation and sensitization potential of synthetic detergents	Feb 2008	
34	IS 12767:1989	Liquid soap for cleaning painted surfaces-	Feb 2011	
35	IS 12795:1989	Linear alkyl benzene-Specification	Feb 2011	2
36	IS 13370:1992	Linear fatty alcohols for surface active agents-Specification	Feb 2008	1
37	IS 13424:2001	Safety evaluation of bathing bars and toilet soap - Methods of test (first revision)	Nov 2006	
38	IS 13498:1997	Bathing bars - Specification (first revision)	Feb 2011	2
39	IS 13760:1993	Toilet cleaner, powder-Specification	Feb 2008	1
40	IS 13933:1995	Method of test for ready biodegradability of surface active agents (Modified sturm test)	Feb 2011	
41	IS 14364:1996	Quarternary ammonium compound based surface cleaner, liquid - Specification	Feb 2008	3

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

42	IS 15072:2002	Sodium alpha olefin sulphonate for cosmetic detergent and other industrial use - Specification	Feb 2008	2
43	IS 15267:2003	Zeolite Detergent Grade - Specification	Feb 2008	

FINALISED DRAFTS UNDER PRINT

1	DOC.CHD 25(1696)	Soaps- Determination of moisture and volatile matter content - Oven method [Adoption of ISO
2	DOC.CHD 25(1697)	Soaps- Determination of content of ethanol-insoluble matter [Adoption of IS 673:1981]
3	DOC.CHD 25(1699)	Analysis of soaps - Determination of glycerol content - Titrimetric method [Adoption of ISO
4	DOC.CHD 25(1700)	Analysis of soaps - Determination of unsaponifiable,unsaponified and unsaponified saponifiable matter [Adoption of ISO 1067:1974]
5	DOC.CHD 25(1701)	Surface active agents -Determination of wetting power by immersion[First revision of IS 5785(Part 5)][Adoption of ISO 8022:1990]

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	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
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DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 25(1861)	Specification for Baby toilet soap (first revision of IS 10523)
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DRAFT STANDARDS APPROVED FOR WIDE CIRCULATION

1	DOC.CHD 25(0)
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DRAFT STANDARDS FORMULATED

1	DOC.CHD 25(1921)	Bathing Bar (second revision of IS 13498)
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* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

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; and Coordination of work with international agencies

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
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	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

18	IS 6609(Part 3):1973	Methods of test for commercial Blasting Explosives and Accessories: Part III Detonators, general and permitted	Jan 2002	
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 2008	
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	Jun 2011	
39	IS 10977:1984	Pentaerythritol for explosive industry	Jun 2011	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

40	IS 11483:1985	Amorces (Paper caps for toy pistols)	Jun 2011	1
41	IS 11491:1985	Blasting soluble nitrocellulose for explosives	Jun 2011	1
42	IS 11783:1986	Ferro-silicon for explosive and pyrotechnic	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	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 2008	
61	IS 15073(Part 2):2008	Packaging of Electric Detonator: Part 2 Corrugated Fibreboard Case		
62	IS 15074(Part 1):2002	Packaging of Non-Electric Detonators - Specification Part 1 Wooden Cases	Sep 2008	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

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	

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.CHD 26(1172)	Amendment no.1 to IS 6609
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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
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** INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS*

*** INDICATES STANDARDS TO BE REVISED
| INDICATES EQUIVALENT STANDARDS*

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CHD 27 THERMAL INSULATION

- SCOPE** a) To formulate Indian Standards for terminology; methods of sampling and test; code of practice; and specifications for thermal insulation materials and cellular insulations (excluding cork and ligno-
 b) LIAISON - To co-ordinate with the work of ISO/TC 163 Thermal performance and energy use in the built environment

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	* IS 661:2000	Thermal insulation of cold storages -Code of practice(Third Revision)	Mar 2008	
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	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	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	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	Feb 2011	1
17	IS 9742:1993	Sprayed mineral wool thermal insulation - Specification (first revision)	Feb 2011	2
18	** IS 9743:1990	Thermal insulation finishing cements - Specification	Feb 2011	

* INDICATES STANDARDS UNDER REVISION
 / INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
 / INDICATES EQUIVALENT STANDARDS

19	IS 9842:1994	Preformed fibrous pipe insulation - Specification (first revision)	Feb 2011	2
20	IS 10555:2002	Exfoliated vermiculite - Specification (first	Mar 2008	
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)	2001	
25	IS 11239(Part 2):2009 / ISO 845:1998	Method of test for rigid cellular thermal insulation materials Part 2 Apparent Density (First Revision)	2001	
26	IS 11239(Part 3):2009 / ISO 2796:1986	Method of test for rigid cellular thermal insulation materials Part 3 Dimensional stability (first revision)	2001	
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)	2001	
29	IS 11239(Part 6):1985	Method of test for rigid cellular thermal insulation materials Part 6 Heat distortion temperature	Mar 2008	
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 2008	
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 2008	
32	IS 11239(Part 9):1988	Method of test for rigid cellular thermal insulation materials Part 9 Water absorption	Mar 2008	
33	IS 11239(Part 10):1985	Method of test for rigid cellular thermal insulation materials Part 10 Flexural strength	Mar 2008	
34	IS 11239(Part 11):1985	Method of test for rigid cellular thermal insulation materials Part 11 Compressive strength	Mar 2008	
35	IS 11239(Part 12):1988	Method of test for rigid cellular thermal insulation materials Part 12 Horizontal burning characteristics	Mar 2008	
36	IS 11239(Part 13):1992	Method of test for rigid cellular thermal insulation materials Part 13 Determination of flammability by oxygen index	Mar 2008	
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	Feb 2011	
39	IS 12432(Part 1):1988	Code of practice for application of spray applied insulation Part 1 Mineral fibre	Feb 2011	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

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 2008	1
42	IS 12436:1988	Specification for preformed rigid polyurethane (PUR) and polyisocyanurate (PIR) foams for	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	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	2001	
47	IS 14656:1999	Ceramic fibre products - Methods of test	May 2010	
48	IS 15402:2003	Ceramic fibre blanket insulation - Specification	Mar 2008	

FINALISED DRAFTS UNDER PRINT

1	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))		
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DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 27(1886)	Code of Practice for storage and handling of Thermal Insulation Materials (first revision of IS		
2	DOC.CHD 27(1772)	Specification for Prefabricated Polyurethane Sandwich Panels		
3	IS 15402:2011	Amendment No. 1 to IS 15402:2003		

DRAFT STANDARDS FORMULATED

1	DOC.CHD 27(1794)	Thermal insulation of cold storages -Code of practice(Fourth Revision of IS 661)		
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* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

CHD 30 NUCLEAR MATERIALS FOR PEACEFULL APPLICATIONS

- SCOPE**
- a) To formulate Indian Standards for Nuclear Energy (for peaceful applications and disposal) for terminology, units and symbols, specifications, codes of practice in the field of :
 - 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,
 - safe packaging, handling, transportation and storage of nuclear materials, specifications for personal protective equipment,
 - nuclear energy including radiation protection, nuclear fuel 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	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 14194(Part 1):1994	Radionuclides in environmental samples - Method of estimation: Part 1 Gross beta activity	Mar 2009	
2	IS 14194(Part 2):1994	Radionuclides in environmental samples - Method of estimation: Part 2 Gross alpha activity	Mar 2009	
3	IS 14194(Part 3):1994	Radionuclides in environmental samples - Method of estimation : Part 3 Uranium	Mar 2009	
4	IS 14194(Part 4):1994	Radionuclides in environmental samples - Method of estimation : Part 4 Radium	Mar 2009	
5	IS 15810:2008	Lithium penta borate - Specification		
6	IS 15837:2009	Anhydrous diboron trioxide - Specification		
7	IS 15850:2009	Nuclear Grade Boron carbide - Specification		
8	IS 15854:2009	Nuclear grade Ion exchange resins - Specification		
FINALISED DRAFTS UNDER PRINT				
1	DOC.CHD 30(1747)	Radionuclides in Environmental Samples - Method of Estimation Part : 1 Gross beta activity measurement (First Revision of IS 14194 (Part		
2	DOC.CHD 30(1748)	Radionuclides in Environmental Samples - Method of Estimation Part :2 Gross alpha activity measurement (First Revision of IS 14194 (Part		
3	DOC.CHD 30(1255)	Radionuclides in Environmental Samples - Method of Estimation Part: Methods of Sampling		

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

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	Reaffirm Date	No. of Amd.
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	Water quality - 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	Sep 2006	1
6	IS 3025(Part 5):1983	Methods of sampling and test (physical and chemical) for water and wastewater :Part 5 Odour	Sep 2006	
7	IS 3025(Part 6):1983	Methods of sampling and test (physical and chemical) for water and wastewater :Part 6 Odour threshold (first revision)	Sep 2006	
8	IS 3025(Part 7):1984	Methods of sampling and test (physical and chemical) for water and wastewater :Part 7 Taste threshold (first revision)	Sep 2006	
9	IS 3025(Part 8):1984	Methods of sampling and test (physical and chemical) for water and wastewater :Part 8 Taste rating (first revision)	Sep 2006	
10	IS 3025(Part 9):1984	Methods of sampling and test (physical and chemical) for water and wastewater :Part 9 Temperature (first revision)	Sep 2006	
11	IS 3025(Part 10):1984	Methods of sampling and test (physical and chemical) for water and wastewater :Part 10 Turbidity (first revision)	Sep 2006	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

12	* IS 3025(Part 11):1983	Methods of sampling and test (physical and chemical) for water and wastewater :Part 11 pH value (first revision)	Sep 2006	
13	* IS 3025(Part 14):1984	Methods of sampling and test (physical and chemical) for water and wastewater :Part 14 Specific conductance (wheatstone bridge, conductance cell) (first revisiion)	Sep 2006	
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)	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	Sep 2006	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	Sep 2006	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-	Sep 2006	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)	Sep 2006	
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	Sep 2006	
20	IS 3025(Part 21):2009	Methods of sampling and test (physical and chemical) for water and wastewater :Part 21 Hardness (second revision)	2001	
21	IS 3025(Part 22):1986	Methods of sampling and test (physical and chemical) for water and wastewater :Part 22 Acidity	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	

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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	
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)	2001	
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	May 2009	
35	IS 3025(Part 36):1987	Methods of sampling and test (physical and chemical) for water and wastewater :Part 36 Ozone	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	1
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	May 2009	2

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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	May 2009	1
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)	Sep 2006	
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)	Sep 2006	
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	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		
58	IS 3025(Part 59):2006	Methods of sampling and test(Physical and chemical)for water and waste water Part 59 Manganese(first revision)		
59	IS 3025(Part 60):2008	Methods of sampling and test (Physical and chemical) for water and waste water Part 60 Fluoride (first revision)	2001	
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)	2001	
61	IS 3025(Part 62):2006	Methods of sampling and test(Physical and chemical) for water and wastewater Part 62		
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 revsion)	2001	
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	May 2009	

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65	IS 5182(Part 1):2006	Methods for measurement of air pollution Part 1 Dust fall (first revision)		
66	IS 5182(Part 2):2001	Methods for measurement of air pollution : Part 2 Sulphur dioxide (first revision)	Sep 2006	
67	IS 5182(Part 3):1970	Methods for measurement of air pollution : Part 3 Radioactivity (particulate in air)	May 2009	
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)		
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)		
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	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	May 2009	

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		Carbon disulphide	
85	IS 5182(Part 21):2001	Methods of measurement of air pollution - Part 21: Non methane hydrocarbons in air by gas chromatography	Sep 2006
86	IS 5182(Part 22):2004	Methods for measurement of air pollution:Part 22	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	
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)	Sep 2007 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	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	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
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)	2001
114	IS 11255(Part 4):2006	Method for measurement of emission from stationary sources : Part 4 Hydrogen Sulphide and Carbon disulphide(first revision)	
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	
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.	Sep 2007
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	Sep 2007
128	IS 15207:2002 / ISO 9486	Workplace air - Determination of vaporous chlorinated hydrocarbons - Charcol tube/solvant desorption/gas chromatographic method	Sep 2007

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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	Sep 2007
130	IS 15210:2002 / ISO 8762	Workplace air - Determination of vinyl chloride - Charcoal tube/gas chromatographic method	Sep 2007
131	IS 15211:2002 / ISO 9487	Workplace air - Determination of vaporous aromatic hydrocarbons - Charcoal tube/solvent desorption/gas chromatographic method	Sep 2007
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(1674) / 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
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DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.CHD 32(1843)	Amendment no.1 to IS 5182 (Part 6):2006
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DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.CHD 32(1673) / ISO 10523:1994	Methods of sampling and test (Physical and Chemical) for Water and Waste Water: Part 11 pH Value [second revision of IS 3025 (Part 11)]
2	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
3	DOC.CHD 32(1676) / ISO 11174:1996	Workplace Air- Determination of Particulate Cadmium and Cadmium compounds - Flame and Electrothermal Atomic Absorption Spectrometric
4	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
5	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
6	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
7	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
8	DOC.CHD 32(1837) / ISO 9562:2004	Water Quality - Determination of Adsorbable Organically Bound Halogens (AOX)

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9	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
10	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
11	DOC.CHD 32(1897)	Amendment no. 2 to IS 3025 (Part 39):1991
12	DOC.CHD 32(1544)	Solid waste management in the fertilizer industry - Code of practice

DRAFT STANDARDS FORMULATED

1	DOC.CHD 32(1856)	Methods for Measurement of Air Pollution- Part 24 - Ozone IS 5182
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CHD 34 ENVIRONMENTAL MANAGEMENT

- SCOPE** a) 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
- b) Liaison - To coordinate with the work of ISO/TC 207 Environmental Management.

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 14001:2004 / ISO 14001	Environmental management systems - Requirements with guidance for use(first revision)		
2	IS 14004:2004 / ISO 14004	Environmental management systems - General guidelines on principles, systems and support techniques(first revision)		
3	IS 14015:2001 / ISO 14015	Environmental Management-Environmental assessment of sites and organizations (EASO)		
4	* IS 14020:1998 / ISO 14020	Environmental labels and declarations - General principles		
5	IS 14021:1999 / ISO 14021	Environmental labels and declarations-Self-declared environmental claims (Type II		
6	IS 14024:1999 / ISO 14024	Environmental labels and declarations - Type I Environmental labelling - Principles and procedures		
7	IS 14025:2006 / ISO 14025	Environmental labels and declarations - Type III environmental declarations - Principles and		
8	IS 14031:1999 / ISO 14031	Environmental management - Environmental performance evaluation-Guidelines		
9	IS 14040:2006 / ISO 14040	Environmental Management - Life cycle assessment - Principles and framework (first		
10	IS 14044:2006 / ISO 14044:2006	Environmental management - Life cycle assessment - Requirements and guidelines (Superseding IS/ISO 14041:1998, IS/ISO		
11	IS 14050:2002 / ISO 14050	Environmental Management - Vocabulary		1
12	IS 14063:2006 / ISO 14063:2006	Environmental management - Environmental communication - Guidelines and examples		
13	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		
14	IS 14064(Part 3):2006 / ISO 14064-3	Greenhouse gases Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions		
15	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		

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FINALISED DRAFTS UNDER PRINT

- | | | |
|---|--------------------------------------|---|
| 1 | DOC.CHD 34(1624)
/ ISO 14020:2000 | Environmental labels and declarations - General principles |
| 2 | DOC.CHD 34(1623)
/ ISO 14065:2007 | Greenhouse gases - Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition. |

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

- | | | |
|---|--------------------------------|---|
| 1 | DOC.CHD 34(1795) | Amendment NO. 1 to IS/ISO 14001:2004 |
| 2 | DOC.CHD 34(1822)
/ Guide 64 | Guide 64 - Guide for Addressing Environmental Issues in Product Standards |

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