

**PROGRAMME OF WORK
(AS ON 1 JULY 2011)**

Petroleum, Coal and Related Products Department (PCD)

BUREAU OF INDIAN STANDARDS

PREFACE

A Programme of Work is prepared every year for each Division of Bureau of Indian Standards to indicate the latest position of published standards and draft standards at different stages of processing. This programme of work for Petroleum, Coal and Related Products Division Council (PCDC) has been prepared Sectional Committee-wise as on 1 April, 2009 and arranged in the sequential order of the Committee Number.

The scope of PCDC is as under:

“Standardization in the field of petroleum, petroleum products, lubricants and related products, natural gas, coal and coal based products, bitumen and tar products, alcohols (except alcohols used for edible purposes), organic chemicals and dye-intermediates, natural and synthetic fragrances materials, cosmetics, plastics, rigid, semi-rigid and flexible plastics containers/packaging, rubber and rubber products (excluding rubber products used for automobile industry), flexible and cellular polymeric materials, adhesives, toys and sports goods.”

In the Programme of Work, an asterisk mark (*) given before a printed standard indicates that the standard is under revision and its relevant document is available at different stages of processing; whereas, double asterisk (**) indicates standard identified for revision for which document is yet to be prepared. Below the designation of a published standard wherever ‘/ISO/IEC standard number is given, it implies that the Indian Standard is the total adoption of ISO/IEC standard under dual numbering scheme. (The designations such as IS/ISO 9001/2000 also indicate dual number standards). Below the designation of a published standard, wherever ‘|ISO/IEC’ standard number is given, it implies that the Indian Standard is technically equivalent to ISO/IEC Standard.

It is hoped that this publication will provide the community of standards users a convenient tool for obtaining the latest information about new and upcoming standards in the field of Petroleum, Coal and Related Products.

For further information, please write to:

Scientist ‘F’ & Head,
Petroleum, Coal and Related Products Department (PCD),
Bureau of Indian Standards,
Manak Bhavan, 9 Bahadur Shah Zafar Marg,
New Delhi 110 002

Website : www.bis.org.in

E-mail: pcd@bis.org.in

STATISTICS AT A GLANCE

ASPECT-WISE POSITION OF STANDARDS

<i>Aspect</i>	<i>No. of Indian Standards</i>
Product Specification	765
Methods of Test	461
Code Of Practice	24
Terminology	23
Dimensions	1
Symbols	1
Others	99
Total	1374

HARMONIZATION POSITION

TYPE OF HARMONIZATION	NUMBER OF STANDARDS
INDIAN STANDARDS UNDER DUAL NUMBER (IDENTICAL WITH ISO OR IEC STANDARDS)	214
INDIAN STANDARDS TECHNICALLY EQUIVALENT WITH ISO OR IEC STANDARDS	15
INDIAN STANDARDS WITH EN STANDARDS/ REGULATIONS/ DIRECTIVES	-
INDIAN STANDARDS HARMONIZED WITH STANDARDS OF OTHER BODIES	-

CONTENTS

COMMITTEE-WISE POSITION OF WORK OF PETROLEUM, COAL & RELATED PRODUCTS DIVISION COUNCIL (PCDC)

Sl. No.	Title
1.	PCD 1 Methods of Measurement and Test for Petroleum, Petroleum Products and Lubricants
2.	PCD 3 Petroleum, Lubricants and Their Related Products
3.	PCD 6 Bitumen, Tar and Their Products
4.	PCD 7 Solid Mineral Fuels
5.	PCD 9 Organic Chemicals Alcohols & Allied Products and Dye Intermediates
6.	PCD 12 Plastics
7.	PCD 13 Rubber and Rubber Products
8.	PCD 18 Natural and Synthetic Fragrance Materials
9.	PCD 19 Cosmetics
10.	PCD 21 Plastics Containers
12.	Annex I List of Standards Withdrawn/Superseded
13.	Annex II List of Bilingual/Hindi Standards
14.	Annex III List of IS Number covered under Certification

PCD 1 Methods for Measurement and Test for Petroleum, Petroleum Products and Lubricants Sectional Committee, PCD 1

SCOPE - a) To formulate Indian Standards for measurement and Sampling and test for Petroleum Products, Lubricants and Related Products.

b) To organize correlation schemes for evaluating the accuracy and the performance of fuel and lubricant testing engines; and

c) To co-ordinate with the work of ISO/TC 28 Petroleum Products and Lubricants so far as it concerns its own scope.

LIAISON

a) TED 19 Internal combustion engine

b) TED 2 Automotive (Prime movers)

c) ISO/TC 28 Petroleum Products and Lubricants

d) PCD 3 Petroleum, Lubricants and their Related Products

Sl. No. No. of	IS Number/ DOC Number	Title	Reaffirm	
			Date	Amd.
STANDARDS PUBLISHED				
1	IS 1447(Part 1):2000	Petroleum and its products - Methods of sampling Part 1 Manual Sampling (first revision)	Mar 2011	
2	IS 1447(Part 2):1992	Methods of sampling of petroleum and its products: Part 2 Sampling of liquefied petroleum gas (LPG) (first revision)	Sep 2008	
3	IS 1447(Part 3):1992	Petroleum and its products - Methods of sampling Part 3 Method of Sampling of Semi-solid and solid petroleum products (first revision)	Sep 2008	
4	IS 1447(Part 4):1989	Methods of sampling of petroleum and its products: Part 4 Sampling of petroleum coke for laboratory analysis (first revision)	Sep 2008	
5	IS 1448(Part 1/Sec 1):2002	Methods of Test for Petroleum and Its Products : Part 1/Section 1 - Determination of acid number of petroleum products by potentiometric titration (second revision)	Mar 2007	
6	IS 1448(Part 1/Sec 2):2002	Methods of Test for Petroleum and Its Products : Part 1/Section 2 - Determination of base number of petroleum products by potentiometric titration (second revision)	Mar 2007	
7	** IS 1448(Part 2):1967 / ISO 6619:1988	Methods of test for petroleum and its products Part 2: Petroleum products and lubricants - Neutralization number - Potentiometric titration method (second revision)	Sep 2008	
8	* IS 1448(Part 3):1984 / ISO 2977:1997	Methods of test for petroleum and its products Part 3: Petroleum products and hydrocarbon solvents - Determination of aniline point and mixed aniline point (third revision)	Mar 2007	
* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED / INDICATES DUAL NUMBER STANDARDS INDICATES EQUIVALENT STANDARDS				

9	* IS 1448(Part 4):2008 / ISO 6245	Methods of test for petroleum and its products Part 4: Ash, sulphated ash and water soluble ash (second revision)		
10	IS 1448(Part 5):1970	Methods of test for petroleum and its products : Part 5 Burning quality (first revision)	Sep 2008	1
11	IS 1448(Part 6):1984	Methods of test for petroleum and its products part 6: Heat of combustion of liquid hydrocarbon fuels by bomb calorimeter method (first revision)	Mar 2007	
12	IS 1448(Part 7):2004	Methods of test for petroleum and its products Part 7: Determination of calorific value by calculation (first revision)	Mar 2011	
13	IS 1448(Part 8):1967	Methods of test for petroleum and its products Part 8: Carbon residue by Ramsbottom method (first revision)	Sep 2008	
14	* IS 1448(Part 9):1960	Methods of test for petroleum and its products Part 9: Cetane number	Mar 2007	1
15	* IS 1448(Part 10):1970	Methods of test for petroleum and its products Part 10: Cloud point and pour point (first revision)	Sep 2008	
16	IS 1448(Part 11):2004 / ISO 3013:1997	Methods of test for petroleum and its products Part 11: Petroleum products - Determination of freezing point of aviation fuels (fourth revision)	Mar 2011	
17	IS 1448(Part 12):1967	Methods of test for petroleum and its products Part 12: Colour by ASTM colour scale (first revision)	Sep 2008	
18	IS 1448(Part 13):1960	Method of test for petroleum and its products Part 13: Colour by Lovibond tintometer	Sep 2008	
19	IS 1448(Part 14):1960	Methods of test for petroleum and its products Part 14: Colour by Saybolt chromometer	Sep 2008	
20	IS 1448(Part 15):2004 / ISO 2160:1998	Methods of test for petroleum and its products Part 15: Petroleum products - Corrosiveness to copper - Copper strip test (third revision)	Mar 2011	
21	* IS 1448(Part 16):1990	Methods of test for petroleum and its products: Part 16 Density, relative density or API gravity of crude petroluem and liquid petroleum products by hydrometer method (third revision)	Mar 2007	
22	IS 1448(Part 17):1960	Methods of test for petroleum and its products: Part 17 Diesel index	Sep 2008	

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
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23	** IS 1448(Part 18):1991	Methods of test for petroleum and its products: Part 18 Distillation of petroleum products (second revision)	Mar 2011	
24	IS 1448(Part 19):1989	Methods of test for petroleum and its products: Part 19 Doctor Test (first revision)	Mar 2007	
25	* IS 1448(Part 20):1998	Methods of test for petroleum and its products: Part 20 Determination of flash point by Abel apparatus (second revision)	Sep 2008	
26	** IS 1448(Part 21):1992	Methods of test for petroleum and its products: Part 21 Flash point (closed) by pensky-martens apparatus (second revision)	Sep 2008	
27	IS 1448(Part 22):1985	Methods of test for petroleum and its products: Part 22 Asphaltene precipitation with normal heptane (second revision)	Sep 2008	1
28	IS 1448(Part 23):2004 / ISO 3837:1993	Methods of test for petroleum and its products: Part 23 Liquid petroleum gases - Determination of hydrocarbon types - Fluorescent indicator absorption method (fourth revision)	Mar 2011	
29	IS 1448(Part 24):1971	Methods of test for petroleum and its product: Part 24 Kauri-Butanol value (first revision)	Mar 2007	
30	* IS 1448(Part 25):1976	Methods of test for petroleum and its products: Part 25 Determination of Kinematic and dynamic viscosity (first revision)	Mar 2007	
31	* IS 1448(Part 26):1960	Methods of test for petroleum and its products: Part 26 Knock characteristics of motor fuels by the motor method	Sep 2008	
32	* IS 1448(Part 27):1960	Methods of test for petroleum and its products: Part 27 Knock characteristics of motor fuels by the research method	Sep 2008	
33	* IS 1448(Part 28):2008 / ISO 7536:1994	Methods of test for petroleum and its products: Part 28 Petroleum products - Determination of oxidation stability of gasoline - Induction period method (fourth revision)	Mar 2007	1
34	IS 1448(Part 29):2004 / ISO 6246:1995	Methods of test for petroleum and its products: Part 29 - Petroleum products - Gum content of light and middle distillate fuels - Jet evaporation method (third revision)	Mar 2011	
35	IS 1448(Part 30):1970	Methods of test for petroleum and its products: Part 30 Sediment in crude and fuel oils by extraction (first revision)	Sep 2008	
36	IS 1448(Part 31):1968	Methods of test for petroleum and its products: Part 31 Smoke point (first revision)	Sep 2008	

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37	IS 1448(Part 32):1992	Methods of test for petroleum and its products: Part 32 Density and relative density (second revision)	Sep 2008	
38	IS 1448(Part 33):1991	Methods of test for petroleum and its products: Part 33 Sulphur by Bomb method (second revision)	Sep 2008	
39	IS 1448(Part 34):1979	Methods of test for petroleum and its products: Part 34 Determination of sulphur in petroleum products (lamp method) (second revision)	Mar 2007	1
40	IS 1448(Part 36):1960	Methods of test for petroleum and its products: Part 36 Sulphur mercaptans	Sep 2008	
41	* IS 1448(Part 39):1967	Methods of test for petroleum and its products: Part 39 Vapour pressure by Reid method (first revision)	Sep 2008	
42	IS 1448(Part 40):1987	Methods of test for petroleum and its products: Part 40 Water by distillation (third revision)	Mar 2011	
43	IS 1448(Part 41):1992	Methods of test for petroleum and its products: Part 41 Water and sediment in crude oils and fuel oils by centrifuge (third revision)	Sep 2008	
44	IS 1448(Part 42):1977	Methods of test for petroleum and its products: Part 42 Water reaction of aviation fuels (second revision)	Mar 2011	
45	IS 1448(Part 43):1991	Methods of test for petroleum and its products: Part 43 Bromine number by colour indicator method (second revision)	Sep 2008	
46	IS 1448(Part 44):1983	Methods of test for petroleum and its products: Part 44 Bromine number by electrometric titration method (second revision)	Mar 2011	
47	IS 1448(Part 45):1962	Methods of test for petroleum and its products: Part 45 Knock characteristics of aviation fuels by the aviation method	Sep 2008	
48	IS 1448(Part 46):1962	Methods of test for petroleum and its products: Part 46 Knock characteristics of aviation fuels by the supercharge method	Sep 2008	
49	IS 1448(Part 47):1962	Methods of test for petroleum and its products: Part 47 Knock characteristics of high performance fuels by extended motor method	Sep 2008	
50	IS 1448(Part 50):1977	Methods of test for petroleum and its products: Part 50 Chlorine in new and used lubricants (sodium alcoholate method) (second revision)	Mar 2011	

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51	IS 1448(Part 51):1963	Methods of test for petroleum and its products: Part 51 Copper strip corrosion test for lubricating greases	Sep 2008	
52	* IS 1448(Part 52):1971	Methods of test for petroleum and its products: Part 52 Drop Point (first revision)	Mar 2007	1
53	IS 1448(Part 53):1979	Methods of test for petroleum and its products: Part 53 Determination of acidity and alkalinity of greases (first revision)	Mar 2007	
54	* IS 1448(Part 54):1979 / ISO 4265:1986	Methods of test for petroleum and its products: Part 54 Petroleum products - Lubricating oils and additives - Determination of phosphorus content - Quinoline phosphomolybdate method (second revision)	Mar 2007	
55	IS 1448(Part 55/Sec 1):2004	Methods of test for petroleum and its products: Part 55/Sec 1 Determination of saponification value of petroleum product (first revision)	Mar 2011	
56	IS 1448(Part 56):1980	Methods of test for petroleum and its products: Part 56 Viscosity index by calculation (second revision)	Sep 2008	
57	IS 1448(Part 57):1964	Methods of test for petroleum and its products : Part 57 Consistency of greases at various temperatures	Mar 2007	
58	IS 1448(Part 58):1991	Methods of test for petroleum and its products: Part 58 Determination of insolubles in greases (first revision)	Sep 2008	
59	IS 1448(Part 59):1991	Methods of test for petroleum and its products: Part 59 Determination of mineral oil content in greases (second revision)	Sep 2008	
60	IS 1448(Part 60):1994	Methods of test for petroleum and its products: Part 60 Consistency of Lubricating greases by cone penetrometer (second revision)	Mar 2011	
61	IS 1448(Part 61):1974	Methods of test for petroleum and its products: Part 61 Evaporation loss in greases (2-hour drying) (first revision)	Sep 2008	
62	IS 1448(Part 62):1974	Methods of test for petroleum and its products: Part 62 Heat stability of greases (first revision)	Sep 2008	
63	IS 1448(Part 64):1998	Methods of test for petroleum and its products: Part 64 Non-volatile matter in solvents (first revision)	Sep 2008	1
64	IS 1448(Part 65):1986	Methods of test for petroleum and its products: Part 65 Oxidation test for lubricating oils (second revision)	Sep 2008	

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65	IS 1448(Part 66):1969	Methods of test for petroleum and its products: Part 66 Flash Point (open) and fire point by pensky-martens apparatus	Sep 2008	
66	IS 1448(Part 67):1982	Methods of test for petroleum and its products: Part 67 Foaming characteristics of lubricating oils (first revision)	Mar 2011	1
67	IS 1448(Part 68):1967	Methods of test for petroleum and its products: Part 68 Evaporation loss in greases (22-hours drying)	Sep 2008	1
68	IS 1448(Part 69):1969	Methods of test for petroleum and its products: Part 69 Flash and fire point by cleaveland and (open) cup	Sep 2008	
69	IS 1448(Part 70):1968	Methods of test for petroleum and its products : Part 70 Residue in liquefied petroleum gases	Sep 2008	
70	IS 1448(Part 71):2004 / ISO 4256:1996	Methods of test for petroleum and its products: Part 71 Liquefied petroleum gases - Determination of gauge vapour pressure - LPG Method (second revision)	Mar 2011	
71	IS 1448(Part 72):1968	Methods of test for petroleum and its products : Part 72 Volatility of liquefied petroleum gases	Sep 2008	
72	IS 1448(Part 73):2004 / ISO 8819:1993	Methods of test for petroleum and its products: Part 73 liquefied petroleum gases - Detection of hydrogen sulphide - lead acetate method (first revision)	Mar 2011	
73	IS 1448(Part 74):1968	Methods of test for petroleum and its products: Part 74 Dryness of liquefied petroleum gases	Sep 2008	
74	IS 1448(Part 75):1968	Methods of test for petroleum and its products: Part 75 Odour of liquefied petroleum gases	Sep 2008	
75	IS 1448(Part 76):1968	Methods of test for petroleum and its products: Part 76 Density of liquefied petroleum gases	Sep 2008	
76	IS 1448(Part 78):1973	Methods of test for petroleum and its products: Part 78 Determination of trace elements in petroleum products -- Copper	Mar 2007	1
77	IS 1448(Part 79):1992	Methods of test for petroleum and its products: Part 79 Determination of trace elements in petroleum products -- Vanadium (first revision)	Sep 2008	
78	IS 1448(Part 80):1973	Methods of test for petroleum and its products: Part 80 Determination of trace elements in Petroleum products -- Lead	Mar 2007	

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79	IS 1448(Part 81):1973	Methods of test for petroleum and its products: Part 81 Determination of trace elements in Petroleum products -- Total chlorine (wickbold oxyhydrogen combustion method)	Mar 2007	
80	* IS 1448(Part 82):2008 / ISO 3830:1993	Methods of test for petroleum and its products: Part 82 Petroleum products - Determination of lead content of gasoline - iodine monochloride method (first revision)	Mar 2007	1
81	IS 1448(Part 83):1974	Methods of test for petroleum and its products: Part 83 Determination sulphur by Wickbold oxyhydrogen method	Mar 2007	
82	IS 1448(Part 84):1975	Methods of test for petroleum and its products: Part 84 Determination of trace elements in Petroleum products -- Arsenic	Mar 2011	
83	IS 1448(Part 85):1976	Methods of test for petroleum and its products: Part 85 Oil separation on storage of greases	Sep 2008	1
84	IS 1448(Part 86):1977	Methods of test for petroleum and its products: Part 86 Determination of total base number by potentiometric perchloric acid titration method	Mar 2011	
85	IS 1448(Part 87):1979	Methods of test for petroleum and its products: Part 87 Autoignition temperature of liquid petroleum products	Mar 2007	
86	IS 1448(Part 89):1979	Methods of test for petroleum and its products: Part 89 Test for thermal stability of lubricating greases	Mar 2007	
87	IS 1448(Part 90):2008 / ISO 11009:2000	Methods of test for petroleum and its products: Part 90 Petroleum products and lubricants - Determination of water washout characteristics of lubricating greases (first revision)	Mar 2007	
88	IS 1448(Part 91):1979	Methods of test for petroleum and its products: Part 91 Emulsion characteristics of petroleum oils and synthetic fluids	Mar 2007	
89	* IS 1448(Part 92):1979	Methods of test for petroleum and its products: Part 92 Cone penetration of petrolatum	Mar 2007	
90	IS 1448(Part 93):1979	Methods of test for petroleum and its products: Part 93 Needle penetration of petroleum waxes	Mar 2007	
91	IS 1448(Part 94):1980	Methods of test for petroleum and its products: Part 94 Test for oxidation stability of lubricating greases by oxygen bomb method	Sep 2008	

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92	IS 1448(Part 95):1980	Methods of test for petroleum and its products: Part 95 Determination of demulsification number of lubricating oils	Sep 2008	
93	IS 1448(Part 96):1980	Methods of test for petroleum and its products: Part 96 Rust-preventing characteristics of steam-turbine oil in the presence of water	Sep 2008	
94	IS 1448(Part 97):1980	Methods of test for petroleum and its products: Part 97 Thermal oxidation stability of aviation turbine fuels (JFTOT method)	Mar 2007	
95	IS 1448(Part 98):1981	Methods of test for petroleum and its products: Part 98 Determination of emulsion stability of emulsifiable cutting oils	Sep 2008	1
96	IS 1448(Part 99):1981	Methods of test for petroleum and its products: Part 99 Determination of frothing characteristics of emulsifiable cutting oils	Sep 2008	1
97	IS 1448(Part 100):1980	Methods of test for petroleum and its products: Part 100 Determination of thermal stability of emulsifiable cutting oils	Sep 2008	1
98	IS 1448(Part 101):1980	Methods of test for petroleum and its products: Part 101 Colorimetric determination of phosphorus in lubricating oils	Sep 2008	1
99	IS 1448(Part 102):1981	Methods of test for petroleum and its products: Part 102 Determination of air release value	Sep 2008	
100	IS 1448(Part 103):1981	Methods of test for petroleum and its products: Part 103 Barium, calcium, phosphorous and zinc in lubricating oils by direct reading emission spectrographic method	Sep 2008	
101	IS 1448(Part 104):1981	Methods of test for petroleum and its products: Part 104 Aromatics in light naphthas and aviation gasolines by gas chromatography	Sep 2008	
102	IS 1448(Part 105):1981	Methods of test for petroleum and its products: Part 105 Ultraviolet (UV) absorbance and absorptivity of petroleum products	Sep 2008	
103	IS 1448(Part 106):1981	Methods of test for petroleum and its products: Part 106 Determination of oxidation characteristics of inhibited steam-turbine oils	Mar 2007	
104	IS 1448(Part 107):1982	Methods of test for petroleum and its products: Part 107 Precipitation number of lubricating oils	Mar 2011	

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105	IS 1448(Part 109):2004 / ISO 3012:1999	Methods of test for petroleum and its products: Part 109 Petroleum products - Determination of thiol (mercaptan) sulphur in light and middle distillate fuels - Potentiometric method (first revision)	Mar 2011	
106	IS 1448(Part 110):1981	Methods of test for petroleum and its products: Part 110 Cold filter plugging point of distillate fuels	Sep 2008	
107	IS 1448(Part 111):1983	Methods of test for petroleum and its products: Part 111 Analysis of liquefied petroleum gases (LPG) and propylene concentrates by gas chromatography	Jan 2006	
108	IS 1448(Part 112):1983	Methods of test for petroleum and its products: Part 112 Determination of lead in gasoline by atomic absorption spectrometry	Mar 2011	
109	IS 1448(Part 113):1983	Methods of test for petroleum and its products: Part 113 Determination of total acidity in aviation turbine fuel	Mar 2011	
110	IS 1448(Part 114):1984	Methods of test for petroleum and its products: Part 114 Determination of congealing point of petroleum waxes	Mar 2007	
111	IS 1448(Part 115):1984	Methods of test for petroleum and its products: Part 115 Determination of salt content in crude petroleum and its products	Mar 2007	
112	IS 1448(Part 116):1992	Methods of test for petroleum and its products: Part 116 Determination of cone penetration of lubricating grease using one-quarter and one-half scale-cone	Sep 2008	
113	IS 1448(Part 118):1985	Methods of test for petroleum and its products: Part 118 Naphthalene hydrocarbons in aviation turbine fuel by ultraviolet spectrophotometry	Mar 2007	1
114	IS 1448(Part 119):1985	Methods of test for petroleum and its products: Part 119 Aromatic traces in light saturated hydrocarbons by gas chromatography	Mar 2007	
115	IS 1448(Part 120):1986	Methods of test for petroleum and its products: Part 120 Zinc in lubricating oil	Sep 2008	
116	IS 1448(Part 121):1986	Methods of test for petroleum and its products: Part 121 Barium in lubricating oil additive concentrates	Sep 2008	
117	IS 1448(Part 122):1987	Methods of test for petroleum and its products: Part 122 Conradson carbon residue of petroleum products	Mar 2011	

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118	IS 1448(Part 123):1986	Methods of test for petroleum and its products: Part 123 Oxidation stability of inhibited mineral turbine oils	Sep 2008
119	IS 1448(Part 124):1987	Methods of test for petroleum and its products: Part 124 Dilution of gasoline engine crankcase oils	Mar 2011
120	IS 1448(Part 125):1987	Methods of test for petroleum and its products: Part 125 Estimation of deleterious particles in lubricating grease	Mar 2011
121	IS 1448(Part 126):1988	Methods of test for petroleum and its products: Part 126 Determination of ash content in raw and calcined petroleum coke	Mar 2011
122	IS 1448(Part 127):1988	Methods of test for petroleum and its products: Part 127 Determination of iron in petroleum coke	Mar 2011
123	IS 1448(Part 128):1988	Methods of test for petroleum and its products: Part 128 Determination of nickel in calcined petroleum coke	Mar 2011
124	IS 1448(Part 129):1988	Methods of test for petroleum and its products: Part 129 Determination of polymeric content in lubricating oils base stock	Mar 2011
125	IS 1448(Part 130):1988	Methods of test for petroleum and its products: Part 130 Determination of vibrated bulk density of calcined petroleum coke	Mar 2011
126	IS 1448(Part 131):1988	Methods of test for petroleum and its products: Part 131 Determination of silicon in petroleum coke	Mar 2011
127	IS 1448(Part 132):1989	Methods of test for petroleum and its products: Part 132 Determination of moisture content in raw and calcined petroleum coke	Mar 2007
128	IS 1448(Part 133):1989	Methods of test for petroleum and its products: Part 133 Determination of real density of calcined petroleum coke	Mar 2007
129	IS 1448(Part 134):1989	Methods of test for petroleum and its products: Part 134 Determination of volatile matter in raw and calcined petroleum coke	Mar 2007
130	IS 1448(Part 135):1991	Methods of test for petroleum and its products: Part 135 Determination of water in crude oil by distillation	Sep 2008
131	IS 1448(Part 136):1991	Methods of test for petroleum and its products: Part 136 Determination of loss of lubricating oils (NOACKS Method)	Sep 2008

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132	IS 1448(Part 137):1991	Methods of test for petroleum and its products: Part 137 Water separation characteristics of Aviation Turbine Fuels	Sep 2008
133	IS 1448(Part 138):1992	Methods of test for petroleum and its products: Part 138 Determination of soap content	Sep 2008
134	IS 1448(Part 139):1992	Methods of test for petroleum and its products: Part 139 Determination of real density of calcined petroleum coke using butanol or toluene	Sep 2008
135	IS 1448(Part 140):1992	Methods of test for petroleum and its products: Part 140 Determination of apparent density of petroleum coke by mercury pyknometer method	Sep 2008
136	IS 1448(Part 141):1992	Methods of test for petroleum and its products: Part 141 Determination of apparent density of petroleum coke by helium method	Sep 2008
137	IS 1448(Part 142):1993	Methods of test for petroleum and its products: Part 142 Determination of water separation characteristics of aviation turbine fuels by portable separometer	Mar 2011
138	IS 1448(Part 143):1993	Methods of test for petroleum and its products: Part 143 Evaluation of white mineral oils by Ultraviolet Absorption	Mar 2011
139	IS 1448(Part 144):1993	Methods of test for petroleum and its products: Part 144 Non-condensable gases in C2 and lighter hydrocarbon products by Gas Chromatography	Mar 2011
140	IS 1448(Part 145):1994	Methods of test for petroleum and its products: Part 145 Sodium, Nickel and Vanadium in fuel oils and crude oils by atomic absorption spectroscopy	Mar 2011
141	** IS 1448(Part 146):1998	Methods of test for petroleum and its products: Determination of yield stress and viscosity of engine oils at low temperature	Mar 2011
142	IS 1448(Part 147):1998	Methods of test for petroleum and its products: Determination of potential gum in motor gasolines	Mar 2011
143	IS 1448(Part 148):2002	Methods of test for petroleum and its products : Part 148 - Determination of electrical conductivity of aviation and distillate fuels containing static dissipator additive	Mar 2007
144	IS 1448(Part 151):2004 / ISO 7941:1988	Methods of Test for petroleum and its products - Part 151 - Commercial propane and butane - Analysis by Gas Chromatography	Mar 2011

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145	IS 1448(Part 152):2004 / ISO 6251:1996	Methods of Test for petroleum and its products - Part 152 - Liquefied petroleum gases - Corrosiveness to copper - Copper strip test	Mar 2011	
146	IS 1518:1980	Method for gauging of petroleum and liquid petroleum products (first revision)	Mar 2007	
147	* IS 1519(Part 1):1983	Methods for temperature measurement of petroleum and its products, Part I At atmospheric pressure (first revision)	Mar 2007	
148	IS 1519(Part 2):1983	Methods for temperature measurement of petroleum and its products, Part II Above atmospheric pressure (first revision)	Mar 2007	
149	* IS 2007:1974	Method for calibration of vertical oil storage tanks (first revision)	Mar 2007	
150	IS 2008:1961	Method for computation of capacity tables for vertical oil storage tanks	Mar 2007	1
151	IS 2009:1975	Method for calibration of horizontal and tilted oil storage tanks (first revision)	Mar 2007	
152	IS 2164:1961	Method for calculation of bulk quantities of petroleum and liquid petroleum products	Mar 2007	
153	IS 2166:1963	Method for computation of capacity tables for horizontal and tilted oil storage tanks	Mar 2007	1
154	IS 2808:1964	Method for computation of capacity tables for pressurized storage tanks	Mar 2007	
155	IS 2827:1976	Method for calibration of pressurized storage tanks (first revision)	Mar 2007	
156	IS 4749:1974	Method for calculation of bulk quantities of industrial aromatic hydrocarbons (first revision)	Mar 2007	
157	IS 8818:1977	Method for measurement of petroleum gases and town gas in bulk	Mar 2007	
158	IS 1448(Part 55/Sec 2):2004	Methods of test for petroleum and its products Part 55/Sec 2 - Saponifiable and unsaponifiable matter in oil, fat and waxes (first revision)	Mar 2011	
159	IS 1448(Part 149):2004 / ISO 12156-1:1997	Methods of test for petroleum and its products Part 149 - Diesel fuels - Assessment of lubricity using the high-frequency reciprocating rig (HFRR) - Test method	Mar 2011	
160	IS 1448(Part 150):2004 / ISO 13757:1996	Methods of Test for petroleum and its products - Part 150 - Liquefied petroleum gases - Determination of oily residues - High temperature method	Mar 2011	

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

FINALISED DRAFTS UNDER PRINT

- | | | |
|----|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | DOC.PCD 1(2549)
/ ISO 4257:2001 | Methods of sampling of petroleum and its products: Part 2 Liquefied petroleum gases - Method of sampling [second revision of IS 1447 (Part 2)] |
| 2 | DOC.PCD 1(2550)
/ ISO 3735:1999 | Methods of test for petroleum and its products: Part 30 Crude petroleum and fuel oils - Determination of sediment - Extraction method [second revision of IS 1448 (Part 30)] |
| 3 | DOC.PCD 1(2551)
/ ISO 3839:1996 | Methods of test for petroleum and its products: Part 44 Determination of bromine number of distillates and aliphatic olefins - Electrometric method [third revision of IS 1448 (Part 44)] |
| 4 | DOC.PCD 1(2552)
/ ISO 6615:1993 | Methods of test for petroleum and its products: Part 122 Determination of carbon residue - Conradson method [first revision of IS 1448 (Part 122)] |
| 5 | DOC.PCD 1(2553)
/ ISO 9029:1990 | Methods of test for petroleum and its products: Part 135 Crude petroleum - Determination of water - Distillation method [first revision of IS 1448 (Part 135)] |
| 6 | DOC.PCD 1(2554)
/ ISO 2592:2000 | Methods of test for petroleum and its products: Part 69 Determination of flash and fire points - Cleveland open cup method [first revision of IS 1448 (Part 69)] |
| 7 | DOC.PCD 1(2555)
/ ISO 2909:2002 | Methods of test for petroleum and its products: Part 56 Calculation of viscosity index from kinematic viscosity [third revision of IS 1448 (Part 56)] |
| 8 | DOC.PCD 1(2556)
/ ISO 4262:1993 | Methods of test for petroleum and its products: Part 8 Determination of carbon residue - Ramsbottom method [second revision of IS 1448 (Part 8)] |
| 9 | DOC.PCD 1(2557)
/ ISO 2049:1996 | Methods of test for petroleum and its products: Part 12 Determination of colour (ASTM scale) [second revision of IS 1448 (Part 12)] |
| 10 | DOC.PCD 1(2558)
/ ISO 2719:2002 | Methods of test for petroleum and its products: Part 21 Determination of flash point - Pensky-martens closed cup method [third revision of IS 1448 (Part 21)] |
| 11 | DOC.PCD 1(2560)
/ ISO 7624:1997 | Methods of test for petroleum and its products: Part 123 Inhibited mineral turbine oils - Determination of oxidation stability [third revision of IS 1448 (Part 123)] |

*** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED**
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

12	DOC.PCD 1(2561) / ISO 3015:1992	Methods of test for petroleum and its products: Part 10/Section 1 Determination of cloud point [second revision of IS 1448 (Part 10)]
13	DOC.PCD 1(2339) / ISO 3016:1994	Methods of test for petroleum and its products: Part 10/Section 2 Determination of pour point [second revision of IS 1448 (Part 10)]
14	DOC.PCD 1(2340) / ISO 3675:1998	Methods of test for petroleum and its products: Part 16 Crude petroleum and liquid petroleum products - Laboratory determination of density - Hydrometer method [fourth revision of IS 1448 (Part 16)]
15	DOC.PCD 1(2346) / ISO 3007:1999	Methods of test for petroleum and its products: Part 39 Determination of vapour pressure - Reid method [second revision of IS 1448 (Part 39)]
16	DOC.PCD 1(2368) / ISO 5163:2005	Methods of Test for Petroleum and its Products: Part 26 Determination of knock characteristics of motor and aviation fuels - Motor method [first revision of IS 1448 (Part 26)]
17	DOC.PCD 1(2369) / ISO 5164:2005	Methods of Test for Petroleum and its Products: Part 27 Determination of knock characteristics of motor fuels -Research method [first revision of IS 1448 (Part 27)]
18	DOC.PCD 1(2413) / ISO 12205:1995	Methods of test for petroleum and its products: Part 154 Determination of the oxidation stability of middle-distillate fuels
19	DOC.PCD 1(2427) / ISO 20847:2004	Methods of test for petroleum and its products: Part 153 Petroleum products - Determination of sulfur content of automotive fuels - Energy-dispersive X-ray fluorescence spectrometry

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.PCD 1(2344) / ISO 2137:1998	Methods of test for petroleum and its products: Part 92 petroleum products - Lubricating grease petroleum - Determination of cone penetration [second revision of IS 1448 (Part 92)]
2	DOC.PCD 1(2375) / ISO 4259:2006	Petroleum products - Determination and application of precision data in relation to methods of test

*** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED**
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| 3 | DOC.PCD 1(2416)
/ ISO 3104:1994 | Methods of test for Petroleum and Its Products: Part 25 Petroleum products - Transparent and opaque liquids - Determination of kinematic viscosity and calculation of dynamic viscosity [second revision of IS 1448 (Part 25)] |
|---|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

- | | | |
|---|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | DOC.PCD 1(2597) | Methods of test for petroleum and its products: Part 2/Section 1 Acidity [second revision of IS 1448 (Part 2)] |
| 2 | DOC.PCD 1(2598) | Methods of test for petroleum and its products: Part 4/Section 2 Ash from grease, sulphated ash and water soluble ash [third revision of IS 1448 (Part 4)] |
| 3 | DOC.PCD 1(2605)
/ ISO 12156-1:2006 | Methods of test for petroleum and its products: Part 149 Diesel fuel - Assessment of lubricity using the high -frequency reciprocating rig (HFRR) - Test method [first revision IS 1448 (Part 149)] |
| 4 | DOC.PCD 1(2425)
/ ISO 7507-5:2000 | Petroleum and liquid petroleum products Calibration of vertical cylindrical tanks: Part 5 Exertanl Electro-optical distance ranging method [second revision of IS 2007] |
| 5 | DOC.PCD 1(2426)
/ ISO 7507-6:1997 | Petroleum and liquid petroleum products - Calibration of vertical cylindrical tanks: Part 6 Recommendation for monitoring, checking and verification of tank calibration and capacity table [second revision of IS 2007] |
| 6 | DOC.PCD 1(2428)
/ ISO4266-1:2002 | Petroleum and liquid petroleum products - Measurement of level and temperature in storage tanks by automatic methods: Part 1/Section 1 Measurement of level in Atmospheric Tanks [second revision of IS 1519 (Part 1)] |
| 7 | DOC.PCD 1(2430)
/ ISO4266-3:2002 | Petroleum and liquid petroleum products - Measurement of level and temperature in storage tanks by automatic methods: Part 1/Section 3 Measurement of level in Pressurized Storage Tanks (Non Refrigerated) [second revision of IS 1519 (Part 1)] |
| 8 | DOC.PCD 1(2433)
/ ISO4266-6:2002 | Petroleum and liquid petroleum products - Measurement of level and temperature in storage tanks by automatic methods: Part 1/Section 4 Measurement of temperature in Pressurized Storage Tanks [second revision of IS 1519(Part 1)] |

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

9	DOC.PCD 1(2412) / ISO 2176:1995	Methods of test for petroleum and its products: Part 52 Drop point [second revision of IS 1448 (Part 52)]
10	DOC.PCD 1(2414) / ISO 5165:1998	Methods of test for petroleum and its products: Part 9 Petroleum products - Determination of the ignition quality of diesel fuels - Cetane engine method [first revision of IS 1448 (Part 9)]
11	DOC.PCD 1(2415) / ISO 13736:1997	Methods of test for petroleum products and other Liquids - Determination of flash point - ABEL closed cup method [first revision of IS 1448 (Part 20)]
12	DOC.PCD 1(2417) / ISO 10370:1995	Methods of Test for Petroleum and Its Products [P:] Petroleum Products - Determination of Carbon Residue - Micro Method
13	DOC.PCD 1(2421) / ISO 7507-1:2003	Petroleum and liquid petroleum products - Calibration of vertical cylindrical tanks: Part 1 Strapping method [second revision of IS 2007]
14	DOC.PCD 1(2422) / ISO 7507-2:1993	Petroleum and liquid petroleum products - Calibration of vertical cylindrical tanks: Part 2 Optical reference line method [second revision of IS 2007]
15	DOC.PCD 1(2423) / ISO 7507-3:2006	Petroleum and liquid petroleum products - Calibration of vertical cylindrical tanks: Part 3 Optical triangulation method [second revision of IS 2007]
16	DOC.PCD 1(2424) / ISO 7507-4:1995	Petroleum and liquid petroleum products - Calibration of vertical cylindrical tanks: Part 4 Internal Electro-optical distance ranging method [second revision of IS 2007]
17	DOC.PCD 1(2429) / ISO4266-2:2002	Petroleum and liquid petroleum products - Measurement of level and temperature in storage tanks by automatic methods: Part 1/Section 2 Measurement of level in Marine Vessels [second revision of IS 1519 (Part 1)]
18	DOC.PCD 1(2431) / ISO4266-4:2002	Petroleum and liquid petroleum products - Measurement of level and temperature in storage tanks by automatic methods: Part 1/Section 4 Measurement of temperature in Atmospheric Tanks [second revision of IS 1519 (Part 1)]
19	DOC.PCD 1(2432) / ISO4266-5:2002	Petroleum and liquid petroleum products - Measurement of level and temperature in storage tanks by automatic methods: Part 1/Section 5 Measurement of temperature in Marine Vessels [second revision of IS 1519 (Part 1)]

ASPECT WISE REPORT

METHODS OF TEST	145
OTHERS	15

TOTAL : 160

** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED*
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PCD 3 Petroleum, Lubricants and Their Related Products Sectional Committee

SCOPE - a) To formulate Indian Standards for terminology; specification for renewable and alternate fuels, petroleum, lubricating oils and their related products like hydraulic fluids, corrosion preventives, quenching and cutting oils and cutting oils and codes of practice for storage, handling, transport and application;

LIAISON

- a) ISO/TC 28 Petroleum Products and Lubricants so far as it concerns its own scope
- b) ISO/TC 193 Natural gas
- c) ISO/TC 197/WG 12 Hydrogen Fuels Products Specification
- d) ISO/TC 238 Solid Bio Fuels
- e) TED 2 Automotive Prime Movers
- f) PCD 1 Methods of Measurement and Test for Petroleum, Petroleum Products and Lubricants

Sl. No.	IS Number/ DOC Number No. of	Title	Reaffirm	
			Date	Amd.
STANDARDS PUBLISHED				
1	IS 408:1981	Specification for grease No. 0, graphited (second revision)	Sep 2009	2
2	IS 493(Part 1):1981	General purpose machinery and spindle oils, Part I Machinery Oils (first revision)	Sep 2009	
3	IS 493(Part 2):1981	General purpose machinery and spindle oils, Part II Spindle oils (first revision)	Sep 2009	1
4	* IS 495:1967	Specification for graphite, flake for lubricants (first revision)	Jun 2007	
5	IS 506:1993	Specification for automotive grease (third revision) (superseding IS:509-1953)	Apr 2006	1
6	IS 507:1993	Specification for general purpose grease (third revision)	Apr 2006	
7	IS 508:1987	Specification for grease, graphited (fourth revision)	Sep 2009	1
8	IS 534:2007	Benzene (fourth revision)	Jan 2005	
9	* IS 537:1967	Toluene, pure, nitration grade (first revision)	Jan 2005	
10	IS 538:2000	Phenol (carbolic acid) (first revision)	Jan 2005	
11	IS 539:1974	Naphthalene (second revision)	Jan 2005	1
12	IS 540:1968	Refined cresylic acid (first revision)	Jan 2005	
* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED				
/ INDICATES DUAL NUMBER STANDARDS INDICATES EQUIVALENT STANDARDS				

13	IS 719:1990	Specification for antifriction bearing grease (second revision) (superseding IS:1276:1958)	Jun 2007	
14	IS 720:1986	Specification for locomotive grease (third revision) (superseding IS:721-1955)	Jun 2007	
15	IS 958:2000	Temporary corrosion preventive grease, soft film specification (second revision) (superseded IS 6048:1970)	Jan 2005	
16	IS 1012:2002	Turbine lubricating oils - Specification (third revision)	Jun 2007	2
17	* IS 1083:1978	Specification for industrial white oil (first revision)	Jun 2007	1
18	IS 1088:1987	Specification for lubricants for clock like mechanisms and precision instruments (second revision)	Sep 2009	1
19	IS 1115:1986	Specification for cutting oil, soluble (second revision)	Jun 2007	1
20	IS 1118:1992	Specification for gear lubricants, multipurpose (extreme pressure gear oil) (first revision)	Apr 2006	
21	IS 1153:2000	Temporary corrosion preventives, hard film, solvent deposited (second revision)	Jan 2005	
22	IS 1154:2000	Temporary corrosion preventive fluid, soft film, solvent deposited, water displacing (first revision) (superseded IS 1647:1960)	Jan 2005	
23	IS 1459:1974	Specification for kerosine (second revision)	Apr 2006	3
24	IS 1460:2005	Diesel fuels - Specification (fifth revision)		2
25	IS 1571:2008	Aviation turbine fuels, kerosine type jet, A-1 - Specification (Eighth Revision)		
26	* IS 1587:1984	Specification for aviation turbine fuels high flash point type (third revision)	Apr 2006	
27	IS 1589:1994	Oil, cylinder - Specification (first revision)	Apr 2006	
28	IS 1593:1982	Specification for fuel oil (second revision)	Sep 2009	2
29	* IS 1604:1994	Aviation gasoline - Specification (third revision)	Jan 2005	1
30	IS 1628:1986	Specification for Axle Oil (second revision)	Jun 2007	
31	IS 1745:1978	Specification for petroleum hydrocarbon solvents (second revision)	Jan 2005	

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

/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

32	IS 1758:1986	Specification for jute batching oil (second revision)	Jun 2007	
33	IS 2297:1997	Gear lubricants, compounded - Specification (third revision)	Sep 2009	
34	IS 2664:1980	Specification for quenching oil (second revision)	Sep 2009	1
35	IS 2796:2008	Motor gasoline - Specification (fourth revision)		1
36	IS 3065:1985	Specification for cutting oil, neat(second revision)	Jun 2007	1
37	IS 3098:1983	Specification for oil, hydraulic, mineral oil type (second revision)	Sep 2009	
38	IS 3470:2002	Specification of hexane, food grade (first revision)	Jun 2007	1
39	IS 4543:1977	Specification for marquenching oil (first revision)	Sep 2009	1
40	IS 4576:1999	Liquefied petroleum gases - Specification (second revision)	Sep 2009	1
41	IS 4578:1997	Lubricating oils for refrigeration machinery - Specification (second revision)	Sep 2009	
42	IS 4639(Part 1):2000 / ISO1998-1:1998	Petroleum Industry - Terminology - Part 1 Raw materials and products (first revision)	Jan 2005	
43	IS 4639(Part 2):2000 / ISO 1998-2:1998	Petroleum Industry - Terminology Part 2 Properties and tests (first revision)	Jan 2005	
44	IS 4639(Part 3):2000 / ISO 1998-3:1998	Petroleum Industry - Terminology - Part 3 Exploration and products(first revision)	Jan 2005	
45	IS 4639(Part 4):2000 / ISO 1998-4:1998	Petroleum Industry - Terminology Part 4 - Refinery (first revision)	Jan 2005	
46	IS 4639(Part 6):2002 / ISO 1998-6:2000	Petroleum industry terminology Part 6 measurements (first revision)	Jan 2005	
47	IS 4639(Part 5):2000 / ISO 1998-5:1998	Petroleum Industry - Terminology Part 5 Transport, storage and distribution (first revision)	Jan 2005	
48	IS 4639(Part 7):2000 / ISO 1998-7:1998	Petroleum Industry - Terminology Part 7 Miscellaneous (first revision)	Jan 2005	
49	IS 4639(Part 99):2002 / ISO 1998-99:2000	Petroleum Industry Terminology Part 99 - General and index (first revision)	Jun 2007	
50	IS 4654:1993	Paraffin wax - Specification (second revision)	Jan 2005	1
51	IS 5730:1970	Specification for volatile corrosion inhibitor powder	Sep 2009	

*** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED**
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52	IS 5759:2006	Antifreeze Coolant - Specification (second revision)		
53	IS 6049:1971	Code of practice for application of temporary corrosion preventives	Jun 2007	1
54	IS 6050:1971	Specification for temporary corrosion preventives, strippable, hot dipping type	Sep 2009	2
55	IS 6263:1972	Specification for VCI treated paper	Sep 2009	
56	IS 6552:1987	Specification for straight mineral high demulsibility oils (first revision)	Sep 2009	
57	IS 7514:1994	Grease, Low temperature - Specification (First Revision)	Apr 2006	
58	IS 7623:1993	Specification for lithium base grease for industrial purposes (second revision)(superseding IS:1002-1956)	Apr 2006	
59	** IS 7667:1975	Code of practice for handling and storage of aviation fuels at airfield fuelling stations	Apr 2006	
60	IS 7895:1975	Tests for fire resistant characteristics of hydraulic fluids used in mining machinery	Jun 2007	
61	IS 8406:1993	Specification for gear lubricants for enclosed industrial gear drives (second revision)	Apr 2006	
62	IS 8502:1994	Specification for petroleum coke (first revision)	Jan 2005	
63	IS 8654:2001	Automotive hydraulic brake fluid, heavy duty (second revision)	Apr 2006	
64	IS 9136:1993	Specification for calcium complex grease (first revision)	Sep 2009	
65	IS 9182(Part 1):1993	Specification for lubricants for wire ropes and fibre cores Part I lubricants for fibre core of wire ropes (first revision)	Sep 2009	
66	IS 9182(Part 2):1993	Specification for lubricants for wire ropes and fibre cores Part II Lubricants for wire strands and ropes (first revision)	Sep 2009	
67	IS 9182(Part 3):1993	Specification for lubricants for wire ropes and fibre cores Part III Lubricantsfor rope dressing in service (first revision)	Sep 2009	
68	IS 9466:1980	Viscosity classification of industrial liquid lubricants	Sep 2009	
69	IS 9554:1980	Lubricants for open gears	Sep 2009	1
70	IS 9611:1980	Specification for cutting oil soluble, clear	Sep 2009	1

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
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71	IS 9917:1993	Calcium base heat resistant grease (first revision)	Apr 2006	
72	IS 10522:1983	Antiwear hydraulic oil	Sep 2009	
73	IS 10531:1983	Code of practice for selection and use of fire resistant hydraulic fluids	Sep 2009	
74	IS 10532(Part 1):1983	Fire resistant hydraulic fluids Part I Dilute emulsions for powered supports	Sep 2009	1
75	IS 10532(Part 2):1983	Fire resistant hydraulic fluids Part II Invert emulsions water-in-oil type	Sep 2009	1
76	IS 10532(Part 3):1983	Fire resistant hydraulic fluids Part III Water glycol type	Sep 2009	2
77	IS 10532(Part 4):1983	Fire resistant hydraulic fluids Part IV Phosphate ester type	Sep 2009	2
78	IS 10647:1983	Wheel bearing grease	Sep 2009	
79	IS 11159(Part 1):1985	General classification of lubricants, industrial oils and related products (Part I) (Class L)	Jun 2007	
80	* IS 11159(Part 2):1989	Classification of lubricants, industrial oils and related products Part 2 Family A (Total loss systems)	Apr 2006	
81	IS 11159(Part 3):1989	General classification of lubricants, industrial oils and related products (Part 3) Family F (Spindle bearings, bearings and associated clutches)	Apr 2006	
82	IS 11186:1985	Synthetic grinding fluid	Jun 2007	1
83	IS 11254:1999	Code of practice for dispensation of aviation fuel and allied products (first revision)	Sep 2009	
84	IS 11488:1985	Specification for fuel oil for use in marine diesel engines	Apr 2006	1
85	IS 11489:1985	Specification for Heavy Petroleum stock (HPS)	Apr 2006	2
86	IS 11637:1986	Specification for Calcium base, E.P. grease	Jun 2007	
87	IS 11656:1986	Antiwear hydraulic oil, extra Heavy duty type	Jun 2007	1
88	IS 11695:1986	Specification for inhibited type machinery oil	Jun 2007	
89	IS 11696:1986	Specification for inhibited type spindle oil	Jun 2007	
90	IS 12203:1999	Lithium base grease for automotive purposes (first revision)	Sep 2009	

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

91	IS 12790:1999	Non-soap grease - Specification (first revision)	Sep 2009
92	IS 12927:2004	Glass moulding oils - specification (first revision)	Sep 2009
93	IS 13256:1992	Air compressor lubricants - Types DAA and DAB	Sep 2009
94	* IS 13656:2002	Internal Combustion Engine Crankcase Oils (Gasoline and Diesel) (first revision)	Jun 2007
95	IS 13796:2004	Molybdenum disulphide powder for lubricants - specification (first revision)	Sep 2009
96	IS 13797:1993	Molybdenum disulphide dispersion in oil	Sep 2009
97	IS 13833:1993	Specification for Micro-crystalline wax	Sep 2009
98	IS 13913:1994	Molybdenum disulphide paste	Apr 2006
99	IS 14234(Part 1):2002	Lubricants for spark ignition air-cooled gasoline engines (Part 1) two stroke spark ignition air-cooled gasoline engines (first revision)	Jun 2007
100	IS 14383:1996	Silicone greases - Specification	Jun 2007
101	IS 14384:1996	Colloidal graphite dispersion in oil - Specification	Jun 2007
102	IS 14385:1996	Aluminium cold rolling oils - Specification	Jun 2007
103	IS 14504:1998 / ISO 6976:1995	Natural Gas - Calculation of calorific values, density, relative density and Wobbe Index from composition	Dec 2003
104	IS 14710:1999	m-Cresol	Jan 2005
105	IS 14745:1999	Thermic fluid - specification	Sep 2009
106	IS 14779:2000	General purpose oil based temporary corrosion preventives	Jan 2005
107	IS 14847:2000	Lithium complex grease	Jan 2005
108	IS 14861:2000	Liquefied petroleum gases (LPG) for automotive purposes	Jan 2005
109	IS 15112(Part 1):2002 / ISO 12925-1:1996	Lubricants, industrial oils and related products (Class L) - Family C (Gears) Part 1 Specification for lubricants for enclosed gear system.	Jun 2007

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
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110	IS 15125:2002 / ISO 10715:1997	Natural gas - Sampling guidelines	Jun 2007
111	IS 15126:2002 / ISO 13443:1996	Natural gas- standard reference conditions	Jun 2007
112	IS 15127:2002 / ISO 13686:1998	Natural gas - quality designation	Jun 2007
113	IS 15128:2002 / ISO 10723:1995	Natural gas - Performance evaluation for on line analytical system	Jun 2007
114	IS 15129:2002 / ISO 14111:1997	Natural gas - guidelines to traceability in analysis	Jun 2007
115	IS 15130(Part 1):2002 / ISO 6974-1	Natural Gas - Determination of composition with defined uncertainty by gas chromatography: Part 1 Guidelines for tailored analysis	Jun 2007
116	IS 15130(Part 3):2002 / ISO 6974-3	Natural Gas - Determination of composition with defined uncertainty by gas chromatography: Part 3 Determination of hydrogen, helium, inert gases and hydrocarbons up to C8 using two packed columns	Jun 2007
117	IS 15130(Part 4):2002 / ISO 6974-4	Natural Gas - Determination of composition with defined uncertainty by gas chromatography: Part 4 Determination of nitrogen, carbon dioxide and hydrocarbons C1 upto C5 and C6+ for a laboratory and online measuring system	Jun 2007
118	IS 15130(Part 5):2002 / ISO 6974-5	Natural Gas - Determination of composition with defined uncertainty by gas chromatography: Part 5 Determination of nitrogen, carbon dioxide and (C1 upto C5 and C6+) hydrocarbons for a laboratory and online process application using three columns	Jun 2007
119	IS 15217:2002	Fuel oil for diesel generating set - Specification	Jun 2007
120	IS 15305(Part 1):2003 / ISO 12213-1:1997	Natural gas - Calculation of compression factor - Part 1: Introduction and guidelines	Sep 2009
121	IS 15305(Part 2):2003 / ISO 12213-2:1997	Natural gas - Calculation of compression factor - Part 2 : Calculation using molar-composition analysis	Sep 2009
122	IS 15305(Part 3):2003 / ISO 12213-3:1997	Natural gas - Calculation of compression factor - Part 3 : Calculation using physical properties	Sep 2009
123	IS 15319:2003 / ISO 13734:1998	Natural gas - Organic sulphur compounds used as odorants - Requirements and test methods [IS 15319:2003]	Sep 2009

*** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED**
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

124	* IS 15320:2003 / ISO 15403:2000	Natural gas - Designation of the quality of natural gas for use as a compressed fuel for vehicles	Sep 2009
125	IS 15607:2005	Bio-diesel (B100) blend stock for diesel fuel - Specification	1
126	IS 15641(Part 1):2006 / ISO 10101-1:1993	Natural gas - Determination of water by the Karl Fisher Method - Part 1 Introduction	
127	IS 15641(Part 2):2006 / ISO 10101-2:1993	Natural gas - Determination of water by the Karl Fisher Method - Part 2 Titration procedure	
128	IS 15641(Part 3):2000 / ISO 10101-3:1993	Natural gas - Determination of water by the Karl Fisher Method - Part 3 Coulometric method	Sep 2009
129	IS 15678:2006	Code of practice for intelligent pigging of pressurized natural gas pipelines	1
130	IS 15679:2006	Code of practice for hot tapping, stopple plugging/ line plugging of pressurized natural gas pipelines	1
131	IS 15770:2008	Light diesel oil - specification	

FINALISED DRAFTS UNDER PRINT

1	DOC.PCD 3(2310)	Toluene - Specification (second revision of IS 537)
2	DOC.PCD 3(2352)	Aviation Gasoline - Specification (fourth revision of IS 1604)
3	DOC.PCD 3(2246)	Internal combustion engine - Crankcase oils (Diesel & gasoline) - Specification (second revision of IS 13656)
4	DOC.PCD 3(2370)	Compressed Natural Gas (CNG) for automotive purposes - Specification
5	DOC.PCD 3(2372) / ISO 15403-1:2006	Natural gas - Natural gas for use as a compressed fuel for vehicals - Part 1 Designation of the quality (first revision of IS 15320 Part 1:2009/ISO 15403-1:2006)
6	DOC.PCD 3(2523) / ISO 6743-3:2003	Lubricants, industrial oils and related products (Clause L) - Classification Part 3 Family D (Compressors) (IS 11159(Part 4):2010)
7	DOC.PCD 3(2525) / ISO 6743-4:1999	Lubricants, industrial oils and related products (Clause L) - Classification Part 4 Family H (Hydraulic Systems) (IS 11159(Part 5):2010)
8	DOC.PCD 3(2526) / ISO 6743-5:2006	Lubricants, industrial oils and related products (Clause L) - Classification Part 5 Family T (Turbines) (IS 11159(Part 6):2010)

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
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- 9 DOC.PCD 3(2527) Lubricants, industrial oils and related products
/ ISO 6743-6:1990 (Clause L) - Classification Part 6 Family G
(Gears) (IS 11159(Part 7):2010)

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

- 1 DOC.PCD 3(2195) Natural gas - Terminology
/ ISO 14532:2001
- 2 DOC.PCD 3(2355) Specification for Aviation Turbine Fuels High
Flash Point Type (Fourth Revision)

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

- 1 DOC.PCD 3(2514) Lubricant for spark ignition - Air cooled
gasoline engines Part 2 - Four stroke spark
ignition air cooled engines of scooters,
mopeds and motorcycles (IS 14234 Part 2)
- 2 DOC.PCD 3(2517) Draft amendment No. 1 to IS 11695:1986
Specification for inhibited tyre machinery oil
- 3 DOC.PCD 3(2343) Graphite flake for lubricants - Specification
(second revision of IS 495)
- 4 DOC.PCD 3(2515) Draft amendment No. 1 to IS 7514:1994
Grease, low temperature - Specification (first
revision)
- 5 DOC.PCD 3(2519) Automotive and other general purpose grease
specification (fourth revision of IS 506)
- 6 DOC.PCD 3(2520) General purpose grease for defence
applications - Specification (fourth revision of IS
507)
- 7 DOC.PCD 3(2522) Specification for calcium base extreme
pressure grease (first revision of IS 11637)
- 8 DOC.PCD 3(2516) Draft amendment No. 1 to IS 8406:1993
Specification for gear lubricants for enclosed
industrial gear drives (second revision)
- 9 DOC.PCD 3(2518) Draft amendment No. 1 to IS 11695:1986
Specification for inhibited tyre Spindle oil
- 10 DOC.PCD 3(2521) Lithium base grease for industrial purpose -
Specification (third revision of IS 7623)

DRAFT STANDARDS APPROVED FOR WIDE CIRCULATION

- 1 DOC.PCD 3(2353) Industrial white oil - Specification (second
revision of IS 1083)

DRAFT STANDARDS FORMULATED

- 1 DOC.PCD 3(2536) Girth Gear Lubricants - Specification
- 2 DOC.PCD 3(2537) SYNGA/AMMONIA TURBO Compressor
Lubricating Oils - Specification

ASPECT WISE REPORT

PRODUCT	93
METHODS OF TEST	15
CODE OF PRACTICES/GUIDES	5
TERMINOLOGY	7
OTHERS	11

TOTAL : 131

** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED*
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

PCD 6 Bitumen, Tar and Their Products Sectional Committee

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

- a) Coal tar;
- b) Coal tar oils;
- c) Coal tar pitches;
- d) Road tar;
- e) Bitumen including cut-back bitumen and bitumen emulsions;
- f) Bitumen additives, modified bitumen; and
- g) Industrial bitumen.

Sl. No.	IS Number/ DOC Number No. of	Title	Reaffirm	
			Date	Amd.
STANDARDS PUBLISHED				
1	IS 73:2006	Specification for paving bitumen (third revision)		
2	IS 212:1983	Specification for crude coal tar for general use (second revision)	May 2008	
3	IS 215:1995	Road tar - Specification (third revision)	Nov 2005	
4	* IS 216:2006	Specification for coal tar pitch (second revision)		
5	IS 217:1988	Specification for cutback bitumen (second revision)	Jul 2009	
6	IS 218:1983	Specification for cresote oil for use as wood preservatives (second revision)	May 2008	
7	IS 334:2002	Glossary of terms relating to bitumen and tar (third revision)	Apr 2007	
8	IS 454:1994	Cutback bitumen from waxy crude - Specification (second revision)	Jul 2009	
9	IS 702:1988	Specification for industrial bitumen (second revision)	Jul 2009	1
10	IS 1201:1978	Methods for testing tar and bituminous materials; sampling (first revision) (IS 1201 to IS 1220 in one volume)	Jul 2009	
11	IS 1202:1978	Methods for testing tar and bituminous materials; Determination of specific gravity (first revision)	May 2008	2
12	IS 1203:1978	Methods of testing tar and bituminous materials; Determination of penetration (first revision)	May 2008	3
13	IS 1204:1978	Methods for testing tar and bituminous materials; Determination of residue of specified penetration (first revision)	Jul 2009	

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

14	IS 1205:1978	Methods for testing tar and bituminous materials; Determination of softening point (first revision)	Jul 2009	
15	IS 1206(Part 1):1978	Methods for testing tar and bituminous materials; Determination of viscosity, Part I: Industrial viscosity (first revision)	Jul 2009	2
16	IS 1206(Part 2):1978	Methods of testing tar and bituminous materials; Determination of viscosity, Part 2 Absolute Viscosity (first revision)	Jul 2009	
17	IS 1206(Part 3):1978	Methods for testing tar and bituminous materials; Determination of viscosity, Part 3 Kinematic viscosity (first revision)	Jul 2009	
18	IS 1207:1978	Methods for testing tar and bituminous materials; Determination of equiviscous temperature (EVT) (first revision)	Jul 2009	
19	IS 1208:1978	Methods for testing tar and bituminous materials; Determination of ductility (first revision)	Jul 2009	1
20	IS 1209:1978	Methods for testing tar and bituminous materials; Determination of flash point and fire point (first revision)	Jul 2009	
21	IS 1210:1978	Methods for testing tar and bituminous materials; Float test (first revision)	Jul 2009	
22	IS 1211:1978	Methods for testing tar and bituminous materials; Determination of water content (Dean and Stark method) (first revision)	Jul 2009	
23	IS 1212:1978	Methods for testing tar and bituminous materials; Determination of loss on heating (first revision)	Jul 2009	
24	IS 1213:1978	Methods for testing tar and bituminous materials; Distillation test (first revision)	Jul 2009	
25	IS 1215:1978	Methods of testing tar and bituminous materials; Determination of matter insoluble in toluene (first revision)	Jul 2009	
26	IS 1216:1978	Methods for testing tar and bituminous materials; Determination of solubility in carbon disulphide, carbon tetrachlorate or trichloroethylene (first revision)	Jul 2009	1
27	IS 1217:1978	Methods for testing tar and bituminous materials; Determination of mineral matter (Ash) (first revision)	May 2008	1
28	IS 1218:1978	Methods for testing tar and bituminous materials: Determination of phenols (first revision)	Jul 2009	1

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

29	IS 1219:1978	Methods for testing tar and bituminous materials: Determination of naphthalene (first revision)	Jul 2009	
30	IS 1220:1978	Methods for testing tar and bituminous materials: Determination of volatile matter content (first revision)	Jul 2009	
31	IS 3116:2002	Sealing compound for lead-acid batteries	Apr 2007	
32	IS 3117:2004	Bitumen emulsion for roads (anionic type) (first revision) - Specification	Jul 2009	
33	IS 5451:2001	Glossary of terms relating to coal carbonization products (first revision)	Apr 2007	
34	IS 8887:2004	Bitumen emulsion for roads (cationic type) (second revision) - Specification	Jul 2009	
35	IS 9381:1979	Methods for testing tar and bituminous materials: Determination of FRAASS breaking point of bitumen	Jul 2009	
36	IS 9382:1979	Methods for testing tar and bituminous materials: Determination of effect of heat and air by thin film oven test	Jul 2009	1
37	IS 9912:2008	Coal tar based coating materials and suitable primers for protecting iron or steel pipelines		
38	IS 10511:1983	Method for determination of asphaltenes in bitumen by precipitation with normalheptane	Jul 2009	
39	IS 10512:2003	Method for determination of wax content in bitumen (first revision)	Jul 2009	
40	IS 13758(Part 1):1993	Coal Tar Pitch; Methods of test Part 1: Determination of matter insoluble in quinoline	Jul 2009	
41	IS 13758(Part 2):1993	Coal tar pitch: Methods of test Part 2; Determination of coking value	Jul 2009	
42	IS 14982:2001	Anti-Spipping Agents (Amine type)	Apr 2007	
43	IS 15172:2002	Methods for testing tar and bituminous materials - Determination of curing index for cutback bitumens	Apr 2007	
44	IS 15173:2002	Methods of test for tars and bituminous materials - Determination of breaking point for cationic bitumen emulsions	Apr 2007	
45	IS 15174:2002	Methods for testing tar and bituminous materials - Determination of breaking point for anionic bitumen emulsions	Apr 2007	

*** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED**
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

46	IS 15462:2004	Polymer and rubber modified bitumen - Specification	Jul 2009
47	IS 15799:2007	Methods for Testing tar and bituminous materials : Determination of Durability of bitumen	
48	IS 15808:2008	Multigrade bitumen for use in pavement construction - Specification	

DRAFT STANDARDS FORMULATED

1	DOC.PCD 6(2509)	Modified Bitumen Emulsion - Specification
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P-DRAFT UNDER PREPARATION

1	DOC.PCD 6(9993)	Ready-mix Bituminous Patching Material
2	DOC.PCD 6(9992)	Foam Bitumen - Specification

ASPECT WISE REPORT

	1
PRODUCT	15
METHODS OF TEST	27
TERMINOLOGY	2
OTHERS	4

TOTAL : 49

** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS*

PCD 7 Solid Mineral Fuels Sectional Committee

SCOPE - a) To formulate Indian Standards for terminology; methods of sampling and test; codes of practice; classification by size and type; petrographic analysis; and specification for solid mineral fuels; and
b) To co-ordinate with the work of ISO/TC 27 - Solid Mineral fuels

LIAISON

- a) ISO/TC27 Solid Mineral Fuels
- b) Sponge Iron Sectional Committee, MTD 30
- c) Foundry Sectional Committee, MTD 14

Sl. No.	IS Number/ DOC Number No. of	Title	Reaffirm	
			Date	Amd.
STANDARDS PUBLISHED				
1	* IS 436(Part 1/Sec 1):1964	Methods for sampling of coal and coke: Part I Sampling of coal/Section 1: Manual sampling (first revision)	Mar 2007	
2	* IS 436(Part 1/Sec 2):1976	Methods for sampling of coal and coke: Part I Sampling of Coal Section 2: Mechanical sampling	Nov 2010	
3	* IS 436(Part 2):1965	Methods of sampling of coal and coke Part II: Sampling of coke (first revision)	Nov 2010	
4	* IS 437:1979	Size analysis of coal and coke for marketing (third revision)	Mar 2007	
5	* IS 439:1989	Industrial coke - Specification (third revision) (Superseding IS 4836:1968, IS 5615:1970, IS 6372:1971 and IS 7189:1974)	Nov 2010	
6	* IS 770:1977	Classification and codification of Indian coals and lignites (second revision) (superseding IS:5018-1968)	Mar 2007	1
7	IS 1350(Part 1):1984	Methods of test for coal and coke: Part I Proximate analysis (second revision)	Mar 2007	1
8	* IS 1350(Part 2):1970	Methods of test for coal and coke: Part II Determination of calorific value (first revision)	Nov 2010	1
9	* IS 1350(Part 3):1969	Methods of test for coal and coke: Part III Determination of sulphur (first revision)	Nov 2010	1
10	* IS 1350(Part 4/Sec 1):1974	Methods of test for coal and coke: Part IV Ultimate analysis: Section 1 - Determination of carbon and hydrogen (first revision) [Superseding IS 1351:1959]	Nov 2010	
11	IS 1350(Part 4/Sec 2):1975	Methods of test for coal and coke: Part IV Ultimate analysis, Section 2 - Determination of nitrogen (first revision) [Superseding IS 1351:1959]	Nov 2010	2
12	IS 1350(Part 5):1979	Methods of test for coal and coke: Part V Special impurities (first revision) (superseding IS:1352-1959)	Mar 2007	

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

13	* IS 1353:1993	Methods of test for coal carbonization - caking index, swelling number and (LT)grey King assay (First Revision)	Nov 2010	
14	* IS 1354:1992	Methods of test for coke special test (second revision)	Nov 2010	
15	IS 1355:1984	Methods of determination of chemical composition of ash of coal and coke (first revision)	Mar 2007	1
16	* IS 3746:1984	Graphical symbols for coal preparation plant (first revision)	Nov 2010	
17	IS 3810(Part 1):2002	Solid mineral fuels - Vocabulary Part 1 - Terms relating to coal preparation (second revision)	Nov 2010	
18	IS 3810(Part 2):2003 / ISO 1213-2:1992	Solid Mineral Fuel - Vocabulary Part 2 Terms relating to Sample Testing and Analysis (first revision)	Nov 2010	
19	IS 3810(Part 3):1977	Glossary of terms relating to solid mineral fuels; Part III Coke	Nov 2010	
20	IS 4023:1991	Methods for the determination of reactivity of coke (first revision)	Mar 2007	
21	IS 4286:1976	Specification for domestic coke (first revision)	Nov 2010	
22	* IS 4311:1967	Method for determination of mineral matter in coal	Nov 2010	
23	* IS 4433:1979	Method for the determination of the hardgrove grindability index of coal (first revision)	Nov 2010	
24	IS 5062(Part 1):1969	Methods of test for brown coals and lignites : Part 1 Determination of moisture content by the direct volumetric method	Nov 2010	
25	IS 5062(Part 2):1969	Methods of test for brown coals and lignites: Part II Determination of ash	Nov 2010	
26	IS 5062(Part 3):1969	Methods of test for brown coals and lignites: Part III Determination of the yields of tar, water, gas and coke by low temperature distillation	Nov 2010	
27	IS 5062(Part 4):2004 / ISO 975:2000	Methods of test for brown coals and lignites: Part 4 Determination of yield of benzene-soluble extract - Semi automatic method (first revision)	Nov 2010	
28	IS 5062(Part 5):2004 / ISO 1017:1985	Methods of test for brown coals and lignites: Part 5 Determination of acetone-soluble material (resinous substances) in the toluene-soluble extract (first revision)	Nov 2010	

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

29	IS 5209:2002 / ISO 924:1989	Coal preparation plant - Principles and conventions for flow sheets (first revision)	
30	IS 6345:1996	Methods of sampling of coal for float and sink analysis(first revision)	Mar 2007
31	IS 7190(Part 1):2004 / ISO 567:1995	Coke - Methods of test Part 1 - determination of bulk density in small container (first revision)	Nov 2010
32	IS 7190(Part 2):2004 / ISO 1013:1995	Coke - Methods of test Part 2 - Determination of bulk density in large container (first revision)	Nov 2010
33	IS 7929:1975	Methods of determination of electrical resistivity of chemical coke	Nov 2010
34	IS 9127(Part 1):1992 ISO 7404-1:1994	Methods for petrographic analysis of coal: Part I Definition of terms relating to petrographic analysis of coal (first revision)	Feb 2003
35	* IS 9127(Part 2):2002 / ISO 7404-2:1985	Methods for petrographic analysis of coal: Part II Preparation of coal samples for petrographic analysis (first revision)	Nov 2010
36	* IS 9127(Part 3):2002 / ISO 7404-3:1994	Methods for the petrographic analysis of bituminous coal and anthracite Part 3 - Method of determining maceral group composition (first revision)	Nov 2010
37	IS 9127(Part 4):2001 / ISO 7404-4:1988	Method for petrographic analysis of coal Part 4 Method of determining microlithotype, carbominerite and minerite composition	Mar 2007
38	* IS 9127(Part 5):2004 / ISO 7404-5:1994	Methods for the Petrographic analysis of coal and anthracite :Part 5 Method of determining microscopically the reflectance of vitrinite (first revision)	Nov 2010
39	* IS 9949:1986	Method of test for abrasive properties of coal and associated minerals (first revision)	Nov 2010
40	IS 12770:1989	Coal for cement manufacture - Specification	Nov 2010
41	IS 12891:1990	Method of determination of fusibility of ash of coal, coke and lignite	Nov 2010
42	* IS 13810:1993	Code of practice for float and sink analysis of coal	Nov 2010
43	IS 15438:2004 / ISO 157:1996	Coal - Determination of Forms of Sulphur	Nov 2010
44	IS 15441:2004 / ISO 625:1996	Solid Mineral Fuels - Determination of Carbon and Hydrogen - Liebig Method	Nov 2010

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

- 45 IS 15807(Part 1):2008 Methods of petrographic analysis of lignite
Part 1 Definition of terms relating to
petrographic analysis of lignite

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

- 1 DOC.PCD 7(2376) Coal - Determination of mineral matter
/ ISO 602:1983
- 2 DOC.PCD 7(1968) Coal - Determination of caking power - Gray-
/ ISO 502:1982 King coke test
- 3 DOC.PCD 7(2275) Classification and Codification of Indian Coals,
Lignites and Pseudo/Semi Anthracite (third
revision of IS 770)

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

- 1 DOC.PCD 7(2580) Methods for petrographic analysis of coals :
/ ISO 7404-2:2009 Part 2 Methods of preparing coal samples
[second revision of IS 9127(Part 2)]
- 2 DOC.PCD 7(2581) Methods for petrographic analysis of coals :
/ ISO 7404-3:2009 Part 3 Method of determining maceral group
composition [second revision of IS 9127(Part
3)]
- 3 DOC.PCD 7(2582) Methods for petrographic analysis of coals :
/ ISO 7404-5:2009 Part 5 Method of determining microscopically
the reflectance of vitrinite [second revision of
IS 9127(Part 5)]
- 4 DOC.PCD 7(2603) Methods of test for brown coals and lignites:
/ ISO 5072:1997 Part 6 Determination of true relative density
and apparent relative density [IS 5062 (Part 6)]
- 5 DOC.PCD 7(2604) Methods of test for brown coals and lignites:
/ ISO 5073:1999 Part 7 Determination of humic acids [IS 5062
(Part 7)]
- 6 DOC.PCD 7(2547) Methods of test for determination of crossing
point and ignition temperature of coal

P-DRAFT UNDER PREPARATION

- 1 DOC.PCD 7(2548) Coking coal (Non-indigenous) - Specification
- 2 DOC.PCD 7(2585) Determination of ten trace elements in coal,
coke and fly ash by flame atomic absorption
spectroscopic method

ASPECT WISE REPORT

PRODUCT	4
METHODS OF TEST	29
CODE OF PRACTICES/GUIDES	1
TERMINOLOGY	2
SYMBOLS	1
OTHERS	8
TOTAL : 45	

**PCD 9 Organic Chemicals Alcohols & Allied Products and Dye Intermediates
Sectional Committee**

SCOPE - To formulate Indian Standards for terminology; methods of sampling and test and specifications for organic chemicals, ion-exchange resin for general industrial use, alcohols & allied products and intermediates in dye stuffs

LIAISON

- a) ISO/TC 47 Chemistry;
- b) PCD 12 Plastics Sectional Committee
- c) PCD 13 Rubber and Rubber Products Sectional Committee
- d) CHD 01 Chemical Standards
- e) CHD 11 Laboratory Ware and Related Apparatus
- f) TXD 17 Dye Stuffs

Sl. No. No. of	IS Number/ DOC Number	Title	Reaffirm	
			Date	Amd.
STANDARDS PUBLISHED				
1	IS 170:2004	Acetone (third revision)		
2	IS 229:1993	Ethyl acetate (third revision)	Mar 2004	
3	IS 230:1972	Normal butyl acetate (second revision)	Dec 2006	1
4	IS 231:1957	Amyl acetate	Dec 2006	2
5	IS 245:1988	Trichloroethylene, technical (third revision)	Dec 2006	2
6	IS 321:1964	Absolute alcohol (revised)	Dec 2006	2
7	IS 323:2009	Rectified Spirit (second revision)		
8	IS 324:1959	Ordinary denatured spirit (revised)	Jul 2008	1
9	IS 336:1973	Ether(second revision)	Jul 2008	1
10	IS 359:1965	Specification for Xylole, Industrial Solvent Grade (first revision)	Nov 2005	
11	IS 360:1964	Amyl alcohol (revised)	Dec 2006	2

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

12	IS 361:2009	Normal butyl alcohol, technical (third revision)		
13	IS 501:1976	Oxalic acid, technical and analytical reagent (second revision)	Dec 2006	2
14	IS 517:1986	Methanol (methyl alcohol) (second revision)	Jul 2008	
15	IS 695:1986	Acetic acid (third revision)	Jul 2008	
16	IS 717:1998	Carbon disulphide, technical (second revision)	Mar 2004	
17	IS 718:1977	Carbon tetrachloride (second revision)	Dec 2006	2
18	IS 869:1976	Ethylene dichloride (second revision)	Dec 2006	1
19	IS 880:1956	Tartaric acid	Dec 2006	2
20	IS 1049:1962	Alcohol, perfumery grade (revised)	Jul 2008	1
21	IS 1235:1988	Acetic anhydride (first revision)	Dec 2006	
22	IS 1781:1975	Urea, technical (first revision)	Dec 2006	1
23	IS 2252:2001	Diacetone alcohol (third revision)	Dec 2006	
24	IS 2302:1989	Tables for alcoholometry by hydrometer method (first revision)	Dec 2006	
25	IS 2630:1992	Nitrobenzene (second revision)	Jul 2008	
26	IS 2631:1976	iso-Propyl alcohol (first revision)	Dec 2006	
27	IS 2632:1964	Crotonaldehyde	Dec 2006	1
28	IS 2740:1986	Sulphanilic acid, technical (second revision)	Jul 2008	
29	IS 2741:1989	Beta-Naphthol (second revision)	Mar 2005	1

*** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED**
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

30	IS 2744:1984	1-Naphthylamine (first revision)	Mar 2005	1
31	IS 2833:1973	Aniline, technical (first revision)	Mar 2005	
32	IS 2979:1964	Fusel oil	Dec 2006	1
33	IS 3229:2003	Naphthionic acid (sodium salt) (second revision)	Mar 2005	
34	IS 3242:1989	Beta-oxynaphthoic acid (BON ACID) (first revision)	Mar 2005	
35	IS 3321:1973	Formaldehyde solution (first revision)	Dec 2006	1
36	IS 3506:1989	Tables for alcoholometry (by pyknometer method) (first revision)	Dec 2006	
37	IS 3562:1997	p-nitrotoluene, technical	Jul 2008	
38	IS 4105:1988	Styrene (Vinyl benzene) (first revision)	Mar 2004	
39	IS 4117:2008	Alcohol denaturants (second revision)		
40	IS 4265:1975	4,4'-Diaminostilbene-2,2'- Disulphonic acid (first revision)	Jul 2008	
41	IS 4306:1987	Hexamethylene tetramine (hexamine) (second revision)	Mar 2004	1
42	IS 4334:1985	2-Chloroaniline (first revision)	Mar 2005	1
43	IS 4335:1985	m-Chloroaniline (first revision)	Mar 2005	1
44	IS 4336:1985	4-Chloroaniline (first revision)	Mar 2005	1
45	IS 4425:1967	p-Nitrotoluene-o-sulphonic acid	Jul 2008	1
46	IS 4523:1989	Acetoacetanilide (first revision)	Mar 2005	
47	IS 4524:1989	Acetoacet-o-chloroanilide (first revision)	Mar 2005	

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

48	IS 4525:1994	4-Aminoacetanilide	Jul 2008	
49	IS 4526:1976	2,5-Dichloroaniline (first revision)	Mar 2005	1
50	IS 4527:1968	2-Nitro-4-chlorotoluene	Mar 2005	1
51	IS 4528:1977	4,4'-Dinitrostilbene-2,2'- disulphonic acid (disodium salt) (first revision)	Mar 2005	1
52	IS 4566:1979	Methylene chloride (dichloromethane), technical (first revision)	Dec 2006	2
53	IS 5042:1976	1-Aminoanthraquinone (first revision)	Mar 2005	1
54	IS 5043:1992	2-Aminoanthraquinone (second revision)	Jul 2008	
55	IS 5044:1969	Benzanthrone	Mar 2005	1
56	IS 5045:1989	Metanilic acid, technical (second revision)	Mar 2005	
57	IS 5149:1977	Maleic anhydride, technical (first revision)	Dec 2006	1
58	IS 5158:1987	Phthalic anhydride, technical (second revision)	Dec 2006	1
59	IS 5254:1980	Acetanilide (first revision)	Mar 2004	
60	IS 5271:1984	Paraformaldehyde (first revision)	Dec 2006	
61	IS 5295:1985	Ethylene glycol (first revision)	Dec 2006	
62	IS 5296:1995	Chloroform, pure and technical (second revision)	Dec 2006	2
63	IS 5297:1977	Perchloroethylene (tetrachloroethylene), technical (first revision)	Dec 2006	3
64	IS 5299:2001	Methods of sampling and tests for dye-intermediates (first revision)	Dec 2006	
65	IS 5341:1980	Benzyl chloride, technical (first revision)	Mar 2004	1

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

66	IS 5438:1977	Nitrobenzene-3-sulphonic acid, sodium salt (first revision)	Mar 2005	1
67	IS 5464:1995	Citric acid, monohydrate - Specification (first revision)	Dec 2006	
68	IS 5573:1984	Ethylene oxide (first revision)	Dec 2006	
69	IS 5591:2003	Chlorobenzene (first revision)		
70	IS 5592:1981	Monochloroacetic acid (first revision)	Mar 2004	
71	IS 5646:1970	p-Anisidine	Mar 2005	1
72	IS 5647:2003	p-Toluidine (first revision)	Mar 2005	
73	IS 5648:2003	O-Anisidine (first revision)	Mar 2005	1
74	IS 5649:2003	2-Toluidine (second revision)	Mar 2005	
75	IS 5860:1970	Table and inter-conversion charts for ethanol-water mixtures	Dec 2006	
76	IS 5992:1970	p-Dichlorobenzene, technical	Mar 2004	
77	IS 6258:2003	O-Nitroanisole (first revision)	Mar 2005	
78	IS 6259:1971	Anthraquinone, technical	Mar 2005	1
79	IS 6260:1971	p-Nitroanisole	Mar 2005	
80	IS 6264:1994	J-acid, Technical - (first revision)	Jul 2008	
81	IS 6265:1971	Quinizarine, technical	Mar 2005	
82	IS 6266:1983	1, 4-Diaminoanthraquinone, technical (first revision)	Mar 2005	
83	IS 6393:1987	Alpha-Phenylacetamide (first revision)	Mar 2004	

*** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED**
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

84	IS 6412:1971	Benzoylchloride, technical	Dec 2006	
85	IS 6515:1999	Sodium pentachlorophenate, technical (first revision)	Mar 2004	
86	IS 6712:2003	o-Dichlorobenzene (first revision)		
87	IS 6716:1981	Benzoic acid, technical (first revision)	Mar 2004	1
88	IS 6718:1972	phenoxyacetic acid	Mar 2004	
89	IS 6749:1972	Glossary of terms relating to alcohol (ethyl) industry and trade	Dec 2006	
90	IS 6768:1973	m-Aminophenol	Jul 2008	
91	IS 6775:1973	Ethyl chloride, technical	Mar 2004	
92	IS 6961:1984	3-Bromobenzanthrone, technical (first revision)	Mar 2005	1
93	IS 6962:1991	3,9-Dibromobenzanthrone, technical-Specification (first revision)	Mar 2005	1
94	IS 6971:1998	2 - ethyl hexane - 1 - ol (first revision)	Mar 2004	
95	IS 6972:1973	Benzotrchloride, technical	Mar 2004	
96	IS 6977:1973	1,5-Diaminoanthraquinone, technical	Mar 2005	1
97	IS 7134:1973	Diphenyl	Dec 2006	1
98	IS 7135:1987	Dimethyl sulphate, technical (first revision)	Mar 2004	
99	IS 7220:1974	Ethylenediaminetetra-acetic-acid, pure and technical	Dec 2006	1
100	IS 7330:1988	Methods of sampling and test for ion-exchange resins (first revision)	Mar 2004	1
101	IS 7359:1992	1-Chloroanthraquinone, technical (first revision)	Jul 2008	1

*** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED**
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

102	IS 7360:1992	1,5-Dichloroanthraquinone, technical (first revision)	Jul 2008	1
103	IS 7362:1986	Tobias acid (first revision)	Mar 2005	1
104	IS 7364:1986	3-Nitro-4-aminotoluene (first revision)	Mar 2005	1
105	IS 7559:1992	Salicylic acid, technical (first revision)	Mar 2004	
106	IS 7618:1974	Hexachloroethane	Mar 2004	
107	IS 7619:1987	Pentaerythritol (first revision)	Mar 2004	
108	IS 7635:1992	2-Nitroaniline(first revision)	Jul 2008	1
109	IS 7636:1992	4-Chloro-2-toluidine (first revision)	Jul 2008	2
110	IS 7637:1992	5-Chloro-2-toluidine (first revision)	May 2002	
111	IS 7641:1975	4-Chloro-2-anisidine	Mar 2005	
112	IS 7642:1975	4-Aminophenol	Dec 2006	1
113	IS 7643:2003	4-Chloro-2-nitroaniline (first revision)	Mar 2005	
114	IS 7644:2003	3-Nitroaniline(first revision)	Mar 2005	
115	IS 7645:1994	Phenyl J-acid, technical (first revision)	Jul 2008	
116	IS 7646:1994	Benzoyl J-acid, technical (first revision)	Jul 2008	
117	IS 7647:2003	Acetoacet-2-toluidide (first revision)	Mar 2005	
118	IS 7661:1975	4-Aminoazobenzene	Mar 2005	
119	IS 7686:1975	3(N,N-diethyl) aminophenol	Mar 2005	1

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120	IS 7704:1993	4-Aminotoluene-3-sulphonic acid (first revision)	Jul 2008	
121	IS 7729:1975	Sodium monochloroacetate	Dec 2006	
122	IS 7901:1975	Triethanolamine, technical	Dec 2006	
123	IS 7910:2003	Monoethanolamine (first revision)		
124	IS 7911:2000	Diethanolamine (first revision)	Mar 2005	
125	IS 7918:2001	Diethylene glycol (first revision)	Dec 2006	
126	IS 8050:1976	Alpha picoline	Dec 2006	1
127	IS 8058:1976	Pyridine	Dec 2006	1
128	IS 8059:1993	2-Chloro-5-aminotoluene-4-sulphonic acid, technical (first revision)	Jul 2008	
129	IS 8111:1986	N,N-Dimethylaniline (first revision)	Mar 2005	2
130	IS 8120:1989	Schaeffer's acid (sodium salt), technical (first revision)	Mar 2005	
131	IS 8193:1976	2-Nitro chlorobenzene	Mar 2005	1
132	IS 8194:1976	3-Nitro chlorobenzene	Mar 2005	1
133	IS 8195:1976	4-Nitro chlorobenzene	Mar 2005	1
134	IS 8196:1976	2,4-Dinitrotoluene	Mar 2005	1
135	IS 8232:1976	2,6-Diaminoanthraquinone, technical	Mar 2005	1
136	IS 8233:1987	Phenyl peri acid, technical (first revision)	Jul 2008	1
137	IS 8278:1976	Diphenylamine, technical	Dec 2006	

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138	IS 8397:1976	2-Nitrotoluene	Mar 2005	
139	IS 8398:1976	3-Nitrotoluene	Mar 2005	
140	IS 8399:1976	1,3-Dinitrobenzene	Mar 2005	1
141	IS 8400:1976	2,4-Dinitro chlorobenzene	Mar 2005	1
142	IS 8551:1977	1-(4'-sulphophenyl)-3-methyl-5-pyrazolone	Mar 2005	1
143	IS 8552:1977	1-(4'-sulphophenyl)-3-carboxy -5-pyrazolone	Mar 2005	2
144	IS 8553:1977	1-Phenyl-3-methyl-5-pyrazolone	Mar 2005	
145	IS 8626:1987	R-Salt, technical (first revision)	Jul 2008	
146	IS 8627:1986	Gamma acid (first revision)	Mar 2005	
147	IS 8628:1987	G Salt (dipotassium salt), technical (first revision)	Jul 2008	
148	IS 8634:1987	Nitrodiazo acid (first revision)	Jul 2008	
149	IS 8637:1986	H Acid (first revision)	Mar 2005	
150	IS 8796:1977	Trimethylamine, technical	Dec 2006	
151	IS 8861:1978	1,4-Dichloro-2-nitrobenzene	Mar 2005	
152	IS 8873:1977	Monomethylamine, technical	Dec 2006	
153	IS 8874:1977	Dimethylamine, technical	Dec 2006	
154	IS 8877:1987	Acetoacetic methyl ester (first revision)	Jul 2008	
155	IS 8878:1978	Bromamine acid, technical	Mar 2005	

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156	IS 8893:1978	1-(3-Chlorophenyl) -3-methyl-5-pyrazolone	Mar 2005	1
157	IS 8904:1997	Anthrarufin	Jul 2008	
158	IS 8941:1997	Chrysazin	Jul 2008	
159	IS 9207:1979	Di-tert-butyl-paracresol, technical	Dec 2006	1
160	IS 9250:1979	p-nitrophenol	Dec 2006	
161	IS 9270:1979	1,4-Diethoxy benzene	Mar 2005	
162	IS 9274:1979	Beta-Chloroethylamine hydrochloride solution	Mar 2005	
163	IS 9288:1979	Cyanuric chloride	Mar 2005	1
164	IS 9834:1981	iso-Butyl alcohol	Jul 2008	
165	IS 9850:2001	Methyl iso-Butyl ketone (first revision)	Dec 2006	
166	IS 9851:1981	iso-Propyl ether	Jul 2008	
167	IS 9908:1981	Formic acid	Dec 2006	2
168	IS 9986:1999	Benzaldehyde, technical(first revision)	Mar 2004	
169	IS 10457:1983	N-Methyl J-acid	Mar 2005	1
170	IS 10458:1983	Di-J-acid	Mar 2005	
171	IS 10468:1983	1,3-Phenylenediamine-4-sulphonic acid	Jul 2008	
172	IS 10475:1983	J-acid urea	Jul 2008	
173	IS 10744:1983	Resorcinol	Dec 2006	

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174	IS 10745:1983	Acetophenone	Dec 2006	1
175	IS 11126:1984	3-Toluidine	Mar 2005	1
176	IS 11176:1985	3,3' Dichlorobenzidine salts	Mar 2005	
177	IS 11177:1985	4,Nitro-2-toluidine	Mar 2005	
178	IS 11181:1985	Sulphotobias acid	Mar 2005	
179	IS 11540:1986	Michlers ketone	Mar 2005	
180	IS 11557:1986	2-Naphthylamine, 3:6:8 trisulphonic acid, technical	Mar 2005	
181	IS 12019:1987	2'-Chloro-(4-sulphophenyl)-3-methyl-5-pyrazolone	Jul 2008	
182	IS 12277:1988	Polyethylene glycol 400	Mar 2004	
183	IS 12345:1988	Vinyl acetate monomer	Jul 2008	
184	IS 12438:1988	Dimethyl terephthalate	Mar 2004	1
185	IS 12540:1988	Acrylonitrile, technical	Mar 2004	
186	IS 12618:1989	6-Chloro-2-aminophenol-4 sulphonic acid, technical	Mar 2005	
187	IS 12628:1989	2-Amino-4-nitrophenol, technical	Mar 2005	
188	IS 12706:1989	Naphthol AS-E	Mar 2005	
189	IS 12707:1989	Naphthol AS-D	Mar 2005	
190	IS 13322:1992	Furfural, technical	Mar 2004	
191	IS 13359:1992	Polyethylene glycol 200	Mar 2004	

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192	IS 13475:1992	Sodium Formate	Mar 2004
193	IS 13590:1992	Acetoacet-2-anisidide	Jul 2008
194	IS 13841:1993	5-Sulfoanthranilic acid, technical	Jul 2008
195	IS 13842:1993	m-Ureidoaniline, technical	Jul 2008
196	IS 13843:1993	Acetoacet-3-xylydide	Jul 2008
197	IS 14310:1995	Glyoxal (40 percent solution) - Specification	Dec 2006
198	IS 14375:1996	Cyclohexanone	Dec 2006
199	IS 14502:1998	n-Dibutyl ether	Mar 2004
200	IS 14707:1999	Methyl acrylate - Specification	Mar 2004
201	IS 14708:1999	Ethyl acrylate - Specification	Mar 2004
202	IS 14709:1999	n-Butyl acrylate - Specification	Mar 2004
203	IS 15030:2001	Terephthalic acid - Specification	Dec 2006
204	IS 15079:2001	2:4 Dinitroaniline, technical	Dec 2006
205	IS 15080:2001	6-Bromo-2:4 Dinitroaniline, technical	Dec 2006
206	IS 15081:2001	N,N Bishydroxyethyl meta-chloroaniline, technical	Dec 2006
207	IS 15082:2001	N,N Bishydroxyethyl meta-toludine, technical	Dec 2006
208	IS 15131:2002	2,6 Dibromo-4-Nitroaniline	
209	IS 15132:2002	Ortho-Chloro, Para-Nitroaniline	

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210	IS 15133:2002	2,6 Dichloro-4-Nitroaniline	
211	IS 15134:2002	2-Nitro-4-methoxy aniline, Technical	
212	IS 15365:2003	Acetaldehyde	
213	IS 15464:2004	Anhydrous ethanol for use as automotive fuel	1
214	IS 15773:2008	Sodium Di-Chloro iso-Cyanurate - Specification	

DRAFT STANDARDS FORMULATED

1	DOC.PCD 9(2533)	Gamma picoline - Specification
2	DOC.PCD 9(2534)	Beta picoline - Specification

ASPECT WISE REPORT

PRODUCT	201
METHODS OF TEST	5
TERMINOLOGY	1
OTHERS	7

TOTAL : 214

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PCD 12 Plastics Sectional Committee

SCOPE - a) To formulate Indian Standards for terminology; methods of sampling and test; and specifications for thermosetting and thermoplastic resins - bonded and moulding materials; engineering polymers, synthetic resin-bonded laminates thermoplastic films and sheets, plasticizers, cellular plastics, finished plastic articles (excluding sanitarywares and plastic pipes for water supply and plastic packaging containers) toys and natural and synthetic adhesives excluding for plywood industry and electrical tapes.

b) To coordinate with the work of :

- i) ISO/TC 61 - Plastics
- ii) ISO/TC 181 - Safety of toys

LIAISON with

- a) PCD 21 Plastics containers
- b) TXD 23 Textile materials made from Polyolefins
- c) CED 3 Sanitary Appliances and Water Fittings
- d) CED 50 Plastics Pipes and Fittings.

Sl. No.	IS Number/ DOC Number No. of	Title	Reaffirm	
			Date	Amd.
STANDARDS PUBLISHED				
1	IS 867:1963	Methods of test for phenolic moulding materials (revised)	Sep 2008	
2	IS 1300:1994 ISO 800:1992	Phenolic moulding materials - (Third Revision)	Apr 2010	
3	IS 1461:1984	Plastic buttons (thermosetting) (second revision)	Sep 2008	1
4	IS 1843:1963	Nylon monofilaments	Sep 2008	
5	IS 1998:1962	Methods of test for thermosetting synthetic resin bonded laminated sheets	Sep 2008	1
6	IS 2036:1995	Phenolic laminated sheets (second revision)	Apr 2010	1
7	* IS 2046:1995 ISO 4586-1:1987	Decorative thermosetting synthetic resin bonded laminated sheets (second revision)	Apr 2010	1
8	IS 2076:1981	Unsupported flexible polyvinyl chloride sheeting (first revision)	Sep 2008	1
9	IS 2221:1962	Methods of test for aminoplastic moulding material	Apr 2010	1
10	IS 2249:1984	Adhesives (Liquid) for leather-beltings (first revision)	Sep 2008	
11	IS 2257:1989	Paper adhesives, liquid gum and office paste type (third revision)	Apr 2010	2

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12	IS 2267:1995 ISO 1622-1:1994	Polystyrene moulding and extrusion materials (second revision)	Apr 2010	
13	* IS 2508:1984	Low density polyethylene films (second revision)	Sep 2008	3
14	IS 2530:1963	Methods of test for polyethylene moulding materials and polyethylene compounds	Sep 2008	
15	IS 2543:1995	Cellulose secondary acetate materials for moulding and extrusion (first revision)	Apr 2010	
16	IS 2560:1979	Rubber-based adhesives for tubes, non curing (first revision)	Sep 2008	
17	IS 2561:1963	Rubber based adhesives for the automobile industry	Sep 2008	1
18	IS 2562:1979	Rubber based adhesives for tyres and tubes, curing (first revision)	Apr 2010	
19	IS 2828:2001 / ISO 472:1999	Plastics - Vocabulary (first revision)	Jun 2011	
20	IS 2886:1991	Labelling paste for paper labels (first revision)	Sep 2008	
21	IS 3389:1994 ISO 2112:1990	Urea-formaldehyde moulding materials (first revision)	Apr 2010	
22	IS 3395:1997 ISO 1872-1:1993	Low density polyethylene (LDPE) and linear low density polyethylene (LLDPE) materials for moulding and extrusion (second revision)	Apr 2010	
23	IS 3434:1984	Glossary of terms for adhesives and pressure sensitive adhesive tapes (first revision)	Apr 2010	
24	IS 3447:1993	Shellac jointing compound (first revision)	Apr 2010	1
25	IS 3669:1994 ISO 2112:1990	Melamine-formaldehyde moulding materials (first revision)	Apr 2010	
26	IS 3687:1987	Pressure sensitive adhesive cloth tapes (second revision)	Sep 2008	
27	IS 3693:1966	Plastic spectacle frames	Apr 2010	
28	IS 3730:1988	High density polyethylene bucket (first revision)	Apr 2010	
29	IS 3988:1981	Guar gum (first revision)	Jun 2011	1
30	IS 4185:1989	Adhesive paper tapes (first revision)	Apr 2010	

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31	IS 4663:1968	Permanent rubber based adhesives for footwear industry	Sep 2008	3
32	* IS 4669:1968	Methods of test for polyvinyl chloride resins	Sep 2008	1
33	IS 4761:1968	Unsupported PVC rainwear	Sep 2008	2
34	IS 5210:1995	High impact polystyrene sheet (first revision)	Apr 2010	1
35	IS 5322:1988	High density polyethylene wash-bowls (first revision)	Apr 2010	
36	IS 5378:1994	Polyethylene cane (first revision)	Apr 2010	
37	IS 6307:1985	Rigid PVC sheets (first revision)	Sep 2008	
38	IS 6367:1971	Dextrin for adhesive industry	Sep 2008	
39	IS 6746:1994	Unsaturated polyester resin systems (first revision)	Apr 2010	
40	IS 7166:1985	Cellulose secondary acetate flakes (first revision)	Sep 2008	
41	IS 7188:1974	Methods of test for cellulose acetate flakes	Apr 2010	
42	** IS 7328:1992 ISO 1872-1:1993	High density polyethylene materials for moulding and extrusion (first revision)	Sep 2008	2
43	IS 7393:1974	Adhesive, bitumen emulsion	Apr 2010	
44	IS 7395:1989	Gum ghatti (first revision)	Jun 2011	
45	IS 7437:1974	Methods of sampling and test for vegetable adhesives	Apr 2010	
46	IS 8402:1987	Methods of sampling and test for pressure sensitive adhesive tapes (first revision)	Apr 2010	
47	IS 8543(Part 1/Sec 1):1978	Methods of testing plastics Part 1 Characterization of polymer structure and size, Section 1 Determination of molecular mass from viscosity	Apr 2010	
48	IS 8543(Part 13/Sec 1):1977	Methods of testing plastics Part 13 Test for specific products Section 1 Buttons (thermosetting) (Superseding IS 1465)	Apr 2010	
49	IS 9591:1996	Plasticizer Esters - Methods of sampling and tests (First Revision)	Sep 2008	
50	IS 9766:1992	Flexible PVC compounds (first revision)	Sep 2008	

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51	IS 9827:1981	Shoe adhesive, Natural rubber latex base	Sep 2008	
52	* IS 9833:1981	List of pigments and colourants for use in plastics in contact with foodstuffs, pharmaceuticals and drinking water	Sep 2008	1
53	IS 9843:1991	Code of practice for use of adhesives for packaging (first revision)	Sep 2008	
54	IS 9845:1998	Determination of overall migration of constituents of plastics materials and articles intended to come in contact with foodstuffs - Methods of analysis (second revision)	Apr 2010	
55	IS 9848:1987	Briefcases, plastic body	Sep 2008	
56	IS 9873(Part 3):1999 / ISO 8124-3:1997	Safety requirements for toys: Part 3 Migration of certain elements	Jun 2011	1
57	IS 10141:2001	Positive list of constituents of polyethylene in contact with foodstuffs, Pharmaceuticals and drinking water (first revision)	Jun 2011	
58	IS 10142:1999	Polystyrene (crystae and high impact) for its safe use in contact with foodstuffs, pharmaceuticals and drinking water (first revision)	Sep 2008	
*59	IS 10146:1982	Polyethylene for its safe use in contact with foodstuffs, pharmaceuticals and drinking water	Sep 2008	1
60	* IS 10148:1982	Positive list of constituents of polyvinyl chloride and its copolymers for safe use in contact with foodstuffs, pharmaceuticals and drinking water	Sep 2008	
61	IS 10149:1982	Positive list of constituent of polystyrene (crystae and high impact) in contact with foodstuffs, pharmaceuticals and drinking water	Sep 2008	1
62	** IS 10151:1982	Polyvinyl chloride (PVC) and its copolymers for its safe use in contact with foodstuffs, pharmaceuticals and drinking water	Sep 2008	4
63	IS 10171:1999	Guide on suitability of plastics for food packaging (second revision)	Apr 2010	
64	IS 10734:1983	Case, Vanity, moulded body	Sep 2008	
65	IS 10815:1984	Code of practice for the application of adhesives in footwear industry	Sep 2008	
66	IS 10889:2004	High density polyethylene films (first revision)	Jun 2011	

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67	IS 10909:2001	Positive list of constituents of polypropylene and its copolymers in contact with foodstuffs, pharmaceuticals and drinking water (first revision)	Jun 2011	
68	IS 10910:1984	Polypropylene and its copolymers for its safe use in contact with foodstuffs, pharmaceuticals and drinking water	Sep 2008	
69	IS 10951:2002	Polypropylene materials for moulding and extrusion (first revision)	Jun 2011	
70	IS 11022:1984	Methods of sampling and test for glues (bone, skin/fleshings and fish glues)	Apr 2010	
71	IS 11273:1992	Woven roving fabrics of 'E' glass fibre (first revision)	Sep 2008	
72	IS 11320:1997	Glass fibre rovings for the reinforcement of polyester and of epoxide resin systems (First Revision)	Apr 2010	1
73	IS 11434:1985	Ionomer resins for its safe use in contact with foodstuffs, pharmaceutical and drinking water	Sep 2008	
74	IS 11435:1985	Positive list of constituents of ionomer resins for its safe use in contact with foodstuffs, pharmaceuticals and drinking water	Sep 2008	
75	IS 11551:1996	Glass fibre chopped strand mat for the reinforcement of epoxy, phenolic and polyester resin systems (First Revision)	Jun 2011	1
76	IS 11704:1986	Ethylene acrylic acid (EAA) copolymers for their safe use in contact with foodstuffs, pharmaceuticals and drinking water	Sep 2008	
77	IS 11705:1986	Positive list of constituents of ethylene/acrylic acid (KAA) copolymers for their use in contact with foodstuffs, pharmaceuticals and drinking water	Sep 2008	
78	IS 11988:1986	Hot seal patches	Sep 2008	
79	IS 12087:1987	Suitcase for air and submarine crew	Sep 2008	
80	IS 12210:1987	Specification for Caprolactam	Jun 2011	4
81	IS 12229:1987	Positive list of constituents of polyalkylene terephthalates (PET & PBT) for their safe use in contact with foodstuffs, pharmaceuticals and drinking water	Apr 2010	1

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82	IS 12247:1988	Nylon-6 polymer for its safe use in contact with foodstuffs pharmaceuticals and drinking water	Apr 2010	
83	IS 12248:1988	Positive list of constituents of nylon-6 polymer for its safe use in contact with foodstuffs, pharmaceuticals and drinking water	Apr 2010	1
84	IS 12252:1987	Polyalkylene terephthalates (PET & PBT) for their safe use in contact with foodstuffs, pharmaceuticals and drinking water	Apr 2010	
85	IS 12830:1989	Rubber based adhesives for fixing PVC tiles to cement	Apr 2010	
86	IS 12994:1990	Epoxy adhesives, room temperature curing, General purpose	Apr 2010	
87	IS 13055:1991	Methods of sampling and test for anaerobic adhesives and sealants	Sep 2008	1
88	IS 13193:1992	Polyalkylene terephthalate (PET and PBT) for moulding and extrusion	Sep 2008	2
89	IS 13199:1991	Adhesives-Guidelines for surface preparation for adhesive bonding	Sep 2008	
90	IS 13254:1992	Animal glue for match industry	Sep 2008	
91	IS 13255:1992	Adhesive-Liquid-For use on high speed flap gumming and embossed envelope machines	Sep 2008	
92	IS 13262:1992	Pressure sensitive adhesive tapes with plastic base	Sep 2008	1
93	* IS 13360(Part 1):1992	Plastics - Methods of Testing Part 1 Introduction	Sep 2008	
94	IS 13360(Part 2/Sec 1):1992	Plastics - Methods of test Part 2 Sampling and preparation of test specimens Sec 1 Compression moulding test specimens of thermoplastics materials	Sep 2008	
95	IS 13360(Part 2/Sec 2):1995 / ISO 295:1991	Plastics - Methods of Testing Part 2 Sampling and Preparation of Test Specimens: Sec 2 Compression moulding of test specimens of thermosetting materials	Sep 2008	1
96	IS 13360(Part 2/Sec 3):2000 / ISO 294-1:1996	Plastics - Methods of testing Part 2 Sampling and preparation of test specimens Section 3 Injection moulded test specimens of thermoplastic materials	Apr 2010	
97	IS 13360(Part 2/Sec 4):1999 / ISO 2818:1994	Plastics - Methods of testing: Part 2 Sampling and preparation of test specimens Section 4 Preparation of test specimens by machining (first revision)	Apr 2010	

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98	IS 13360(Part 2/Sec 5):1997 / ISO 3167:1993	Plastics - Methods of Testing Part 2 Sampling and preparation of test specimens : Sec 5 Multipurpose test specimens	Sep 2008
99	* IS 13360(Part 2/Sec 7):2000 / ISO 294-3:1996	Plastics - Methods of testing : Part 2 Sampling and preparation of test specimens Section 7 Small plates	Sep 2008
100	IS 13360(Part 2/Sec 9):2000 / ISO 294-2:1996	Plastics - Methods of testing Part 2 Sampling and preparation of test specimens : Section 9 Small tensile bars	Apr 2010
101	IS 13360(Part 3/Sec 1):1995 / ISO 1183:1987	Plastics - Methods of testing Part 3 Physical and dimensional properties Section 1 Determination of density and relative density of non-cellular plastics	Feb 2003
102	IS 13360(Part 3/Sec 2):1997 / ISO 60:1977	Plastics - Methods of testing Part 3 Physical and dimensional properties Section 2 Determination of Apparent Density of material that can be poured from a specified funnel [Superseding IS 8543(Part II/Sec 1):1977]	Feb 2003
103	IS 13360(Part 3/Sec 3):1997 / ISO 61:1976	Plastics - Methods of testing Part 3 Physical and dimensional properties Section 3 Determination of apparent density of moulding material that can not be poured from a specified funnel [Superseding IS 8543(Part II/Sec 2):1977]	Feb 2003
104	IS 13360(Part 3/Sec 4):1995 / ISO 171:1980	Plastics - Methods of testing Part 3 Physical and dimensional Properties Section 4 Determination of bulk-factor of moulding materials	Feb 2003
105	IS 13360(Part 3/Sec 5):1995 / ISO 2577:1984	Plastics - Methods of Testing Part 3 Physical and dimensional properties Section 5 Determination of shrinkage and post-shrinkage of thermosetting materials	Feb 2003
106	IS 13360(Part 3/Sec 6):2000 / ISO 4591:1992	Plastics - Methods of testing Part 3 Physical and dimensional properties Section 6 Film and sheeting - Determination of average thickness of a sample and average thickness and yield of a roll by gravimetric techniques (gravimetric thickness)	Jun 2011
107	IS 13360(Part 3/Sec 7):1999 / ISO 1675:1985	Plastics - Methods of testing Part 3 Physical and dimensional properties Section 7 Liquid resins - Determination of density by the pycnometer method	Apr 2010

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108	IS 13360(Part 3/Sec 9):1999	Plastics - Methods of testing Part 3 Physical and dimensional properties Section 9 Determination of moisture in plastics by coulometric regeneration of phosphorous pentoxide	Apr 2010
109	* IS 13360(Part 4/Sec 1):1995 / ISO 1133:1991	Plastics - Methods of Testing Part 4 Rheological properties Section 1 Determination of melt mass-flow rate (MFR) and the melt volume-flow rate (MVR) of thermoplastics	Sep 2008
110	IS 13360(Part 4/Sec 2):1999	Plastics - Methods of testing Part 4 Rheological properties Section 2 Cup flow of phenolic and alkyd moulding materials	Apr 2010
111	IS 13360(Part 4/Sec 3):2004	Plastics - Methods of testing Part 4 Rheological properties Section 3 Determination of spiral flow of low pressure thermosetting moulding compounds	Apr 2010
112	IS 13360(Part 4/Sec 4):1999	Plastics - Methods of testing Part 4 Rheological properties Section 4 Determination of properties of polymeric materials by means of a capillary rheometer	Apr 2010
113	IS 13360(Part 4/Sec 5):2000 / ISO 11443:1995	Plastics - Methods of testing Part 4 Rheological properties Section 5 Determination of fluidity of plastics using capillary and slit die rheometers	Apr 2010
114	IS 13360(Part 5/Sec 1):1996 / ISO 527-1:1993	Plastics - Methods of testing Part 5 : Mechanical properties Section 1 Determination of tensile properties - general principles	Sep 2008
115	IS 13360(Part 5/Sec 2):1996 / ISO 527-2:1993	Plastics - Methods of Testing Part 5 : Mechanical properties Section 2 Determination of tensile properties - test conditions for moulding and extrusion plastics	Sep 2008
116	IS 13360(Part 5/Sec 3):1999 / ISO 527-3:1995	Plastics - Methods of testing Part 5 Mechanical properties Section 3 Determination of tensile properties - Test conditions for films and sheets	Apr 2010
117	IS 13360(Part 5/Sec 4):1996 / ISO 180:1993	Plastics - Methods of testing Part 5 : Mechanical properties Section 4 Determination of izod impact strength	Sep 2008
118	IS 13360(Part 5/Sec 5):1996 / ISO 179:1993	Plastics - Methods of Testing Part 5 : Mechanical properties Section 5 Determination of charpy impact strength	Sep 2008
119	IS 13360(Part 5/Sec 6):1999 / ISO 7765-1:1988	Plastics - Methods of testing Part 5 Mechanical properties Section 6 determination of impact resistance by the free-falling dart method - Staircase methods	Apr 2010

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120	IS 13360(Part 5/Sec 7):1996 / ISO 178:1983	Plastics - Methods of testing Part 5: Mechanical properties Section 7 determination of flexural properties	Sep 2008	
121	IS 13360(Part 5/Sec 8):1996 / ISO 604:1993	Plastics - Methods of Testing Par 5: Mechanical properties Section 8 determination of compressive properties	Sep 2008	
122	IS 13360(Part 5/Sec 10):1996 / ISO 6383/1:1983	Plastics - Methods of testing Part 5 : Mechanical properties Section10 determination of tear resistance of plastics film and sheeting - Trouser tear method	Sep 2008	
123	IS 13360(Part 5/Sec 11):1992 ISO 868:1985	Plastics - Methods of testing : Part 5 Mechanical properties Section 11 Determination of indentation hardness of plastics by means of duromeer (shore hardness)	Sep 2008	
124	IS 13360(Part 5/Sec 12):1992 ISO 2039-1:78	Plastics - Methods of testing : Part 5 Mechanical properties Section 12 Determination of ball indentation hardness	Sep 2008	1
125	IS 13360(Part 5/Sec 13):1992 ISO 2039-2:87	Plastics - Methods of testing Part 5 Mechanical properties Section 13 Determination of rockwell hardness	Sep 2008	
126	IS 13360(Part 5/Sec 14):2001	Plastics - Methods of testing Part 5 Mechanical properties Section 14 Indentation hardness of rigid plastics by means of barcol impressor	Jun 2011	
127	IS 13360(Part 5/Sec 19):1999	Plastics - Methods of testing Part 5 Mechanical properties Section 19 Determination of resistance of plastic materials to abrasion	Apr 2010	
128	IS 13360(Part 5/Sec 22):1999 / ISO 9352:1995	Plastics - Methods of testing Part 5 Mechanical properties Section 22 Determination of resistance to wear by abrasive wheels	Apr 2010	
129	IS 13360(Part 5/Sec 23):1996 / ISO 6383-2:1983	Plastics - Methods of Testing Part 5 : Mechanical properties Section 23 Determination of tear resistance of plastics film and sheeting - Elmendorf method	Sep 2008	
130	IS 13360(Part 5/Sec 24):1999 / ISO 7765-2:1994	Plastics - Methods of testing Part 5 Mechanical properties Section 24 Determination of impact resistance by the free falling dart method - Instrumental puncture test	Apr 2010	
131	IS 13360(Part 5/Sec 26):2004 / ISO 527-5:1997	Plastics - Methods of testing Part 5 Mechanical properties Section 26 Determination of tensile properties - Test conditions for unidirectional fibre-reinforced plastic composites	Apr 2010	

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
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132	IS 13360(Part 6/Sec 1):1999 / ISO 306:1994	Plastics - Methods of testing:Part 6 Thermal properties Section 1 Determination of vicat softening temperature of thermoplastic materials (first revision)	Apr 2010
133	IS 13360(Part 6/Sec 3):1997 / ISO 75-1:1993	Plastics - Methods of testing Part 6 Thermal properties Section 3 Determination of temperature of deflection under load - General test method	Sep 2008
134	IS 13360(Part 6/Sec 4):1997 / ISO 1210:1992	Plastics - Methods of Testing Part 6 Thermal properties Section 4 Determination of the burning behaviour of horizontal and vertical specimens in contact with a small-flame ignition source	Sep 2008
135	IS 13360(Part 6/Sec 5):2001	Plastics - Methods of testing Part 6 Thermal properties Section 5 Determination of flammability of plastic materials for parts and devices in appliances	Jun 2011
136	* IS 13360(Part 6/Sec 6):2001 / ISO 4589-1:1996	Plastics - Methods of Testing Part 6 : Thermal properties Section 6 Flammability by oxygen index - Guidance	Jun 2011
137	IS 13360(Part 6/Sec 9):2001	Plastics - Methods of testing Part 6 Thermal properties Section 9 Density of smoke from the burning or decomposition of plastics	Jun 2011
138	IS 13360(Part 6/Sec 10):1992 ISO 3146:85	Plastics - Methods of testing:Part 6 Thermal properties Section 10 Determination of melting behaviour (melting temperature or melting range) of semi-crystalline polymers	Sep 2008
139	IS 13360(Part 6/Sec 11):2004 / ISO 974:2000	Plastics - Methods of testing Part 6 Thermal properties Section 11 Determination of Brittleness temperature by impact	Apr 2010
140	IS 13360(Part 6/Sec 14):2004	Plastics - Methods of testing Part 6 Thermal properties Section 14 Standard test methods for coefficient of linear thermal expansion of plastics between -30 deg.C and 30 deg. C with a vitrous silica dilatometer	Apr 2010
141	IS 13360(Part 6/Sec 17):1997 / ISO 75-2:1993	Plastics - Methods of testing Part 6 Thermal properties Section 17 Determination of temperature of deflection under load - Plastics and ebonite	Sep 2008
142	IS 13360(Part 6/Sec 18):1997 / ISO 75-3:1993	Plastics - Methods of testing Part 6 Thermal properties Section 18 Determination of temperature of deflection under load - High strength thermosetting laminates and long-fibre-reinforced plastics	Sep 2008
143	IS 13360(Part 6/Sec 19):2001 / ISO 4589-2:1996	Plastics - Methods of testing Part 6 Thermal properties Section 19 Flammability by oxygen index - Ambient temperature test	Jun 2011

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144	IS 13360(Part 6/Sec 20):2001 / ISO 4589-3:1996	Plastics - Methods of testing Part 6 Thermal properties Section 20 Flammability by oxygen index - Elevated temperature test	Jun 2011
145	IS 13360(Part 6/Sec 21):2004 / ISO 871:1996	Plastics - Methods of testing Part 6 Thermal properties Section 21 - Determination of ignition temperature using a hot-air furnace.	Apr 2010
146	IS 13360(Part 7/Sec 1):1996 / ISO 3915:1983	Plastics - Methods of testing Part 7 Electrical properties Section 1 Measurement of resistivity of conductive plastics	Sep 2008
147	IS 13360(Part 8/Sec 1):1997 / ISO 62:1980	Plastics - Methods of testing Part 8 permanence/ chemical properties Section 1 Determination of water absorption	Sep 2008
148	* IS 13360(Part 8/Sec 2):2004 / ISO 976:1996	Plastics - Methods of testing Part 8 permanence/ chemical properties Section 2 Polymer dispersions and Rubber Latices - Determination of pH (First Revision)	Sep 2008
149	IS 13360(Part 8/Sec 3):1997 / ISO 175:1981	Plastics - Methods of testing Part 8 permanence/ chemical properties Section 3 Determination of the effects of liquid chemicals, including water	Sep 2008
150	IS 13360(Part 8/Sec 4):1997 / ISO 176:1988	Plastics - Methods of testing Part 8 permanence/ chemical properties Section 4 Determination of loss of plasticizers - Activated carbon method	Sep 2008
151	IS 13360(Part 8/Sec 5):1997 / ISO 177:1988	Plastics - Methods of testing Part 8 permanence/ chemical properties Section 5 Determination of migration of plasticizers	Sep 2008
152	IS 13360(Part 8/Sec 6):1997 / ISO 2556:1974	Plastics - Methods of testing Part 8 permanence/ chemical properties Section 6 Determination of gas transmission rate of films and thin sheets under atmospheric pressure – Manometric method	Sep 2008
153	IS 13360(Part 8/Sec 9):1997 / ISO 4599:1986	Plastics - Methods of Testing Part 8 permanence/ chemical properties Section 9 Determination of resistance to environmental stress cracking (ESC) - Bent strip method	Sep 2008
154	IS 13360(Part 8/Sec 10):1999 / ISO 4600:1992	Plastics - Methods of testing Part 8 permanence/ chemical properties Section 10 Environmental stress-cracking - Ball or pen impression method	Apr 2010
155	IS 13360(Part 8/Sec 11):1999 / ISO 6252:1992	Plastics - Methods of testing Part 8 permanence/ chemical properties Section 11 Environmental stress-cracking - Constant tensile stress method	Apr 2010

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156	IS 13360(Part 8/Sec 13):2004 / ISO 4582:1998	Plastics - Methods of testing Part 8 Permanence/chemical properties Section 13 - Determination of changes in colour and variation in properties after exposure to day light under glass, natural weathering or laboratory light sources	Apr 2010
157	IS 13360(Part 9/Sec 1):2004 / ISO 489:1999	Plastics - Methods of testing Part 9 Optical properties Section 1 : Determination of Refractive index	Apr 2010
158	* IS 13360(Part 9/Sec 4):1997 / ISO 183:1976	Plastics - Methods of Testing Part 9 Optical properties Section 4 Qualitative evaluation of the bleeding of colorants	Sep 2008
159	IS 13360(Part 9/Sec 5):1999	Plastics - Methods of testing part 9 Optical properties Section 5 Determination of haze and luminous transmittance of transparent plastics	Apr 2010
160	IS 13360(Part 9/Sec 7):2001	Plastics - Methods of testing Part 9 Optical properties Section 7 Specular gloss of plastics films and solid plastics	Jun 2011
161	IS 13360(Part 9/Sec 8):2001	Plastics - Methods of testing Part 9 Optical properties Section 8 Transparency of plastic sheeting	Jun 2011
162	IS 13360(Part 9/Sec 9):2001	Plastics - Methods of testing Part 9 Optical properties Section 9 Yellowness index of plastics	Jun 2011
163	IS 13360(Part 10/Sec 4):2001	Plastics - Methods of testing Part 10 Resin (Thermosetting properties) Section 4 Gel time and peak exothermic temperature of reacting thermosetting resins	Jun 2011
164	IS 13360(Part 10/Sec 5):2004 / ISO 119:1977	Plastics methods of testing Part 10 Resin (Thermosetting Properties) Section 5 Phenolformaldehyde Mouldings - Determination of free phenols - Iodometric method	Apr 2010
165	IS 13360(Part 10/Sec 6):2004 / ISO 120:1977	Plastics - Methods of testing part 10 Resin (Thermosetting Properties) Section 6 Phenol- formaldehyde moulding - Determination of free ammonia and ammonium compounds - Calorimetric comparison method	Apr 2010
166	IS 13360(Part 11/Sec 1):1999 / ISO 8295:1995	Plastics - Methods of testing Part 11 Special properties Section 1 Film and sheeting - Determination of coefficients of friction	Apr 2010
167	IS 13360(Part 11/Sec 3):2000 / ISO 11502:1995	Plastics - Methods of testing Part 11 Special properties Section 3 Film and Sheetting - Determination of blocking resistance	Apr 2010

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168	IS 13360(Part 11/Sec 4):1999	Plastics - Methods of testing Part 11 Special properties Section 4 Determination of gel count of plastics film	Apr 2010
169	IS 13360(Part 11/Sec 5):2001 / ISO 2115:1996	Plastics - Methods of testing Part 11 Special properties Section 5 Determination of white point temperature and minimum film forming temperature	Jun 2011
170	IS 13360(Part 11/Sec 7):1997 / ISO 6427:1992	Plastics - Methods of Testing Part 11 Special properties Section 7 Determination of matter extractable by organic solvents (conventional methods)	Sep 2008
171	IS 13360(Part 11/Sec 9):2004 / ISO 1628-1:1998	Plastics - Methods of testing Part 11 Special properties Section 9 : Determination of viscosity of polymer in dilute solution using capillary viscometers - General principles	Apr 2010
172	IS 13360(Part 11/Sec 10):1999 / ISO 2555:1989	Plastics - Methods of testing Part 11 Special properties Section 10 Resins in the liquid state or as emulsions or dispersions - Determination of apparent viscosity by the brookfield test method	Apr 2010
173	IS 13360(Part 11/Sec 11):1999 / ISO 3219:1993	Plastics - Methods of testing Part 11 Special properties Section 11 polymers/resins in the liquid state or as emulsions or dispersions - Determination of viscosity using a rotational viscometer with defined shear rate	Apr 2010
174	IS 13360(Part 11/Sec 14):2006 / ISO 11501:1995	Plastics - Methods of testing Part 11 Special Properties Section 14 : Film and sheeting - Determination of dimensional change on heating.	Jun 2011
175	IS 13360(Part 11/Sec 15):2006 / ISO 12058:1997	Plastics-Methods of testing Part 11 Special properties Section 15 : Determination of viscosity using a falling ball viscometer - Inclined tube method	
176	IS 13360(Part 2/Sec 10):2006 / ISO 10724-1:1998	Plastics - Methods of testing Part 2 Sampling and preparation of test specimens Section 10 : Injection moulding of test specimens of thermosetting powder moulding components (PMCs) - General principles and moulding of multipurpose test specimens	Jun 2011
177	IS 13360(Part 2/Sec 11):2006 / ISO 10724-2:1998	Plastics - Methods of testing Part 2 Sampling and preparation of test specimens Section 11 : Injection moulding of test specimens of thermosetting powder moulding components (PMCs) Small plates	Jun 2011

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178	IS 13360(Part 5/Sec 25):2004 / ISO 527-4:97	Plastics - Methods of Testing Part 5 Mechanical Properties - Section 25 - Determination of Tensile Properties - Test Conditions for Isotropic and Orthotropic Fibre- Reinforced Plastic Composites	Apr 2010	
179	IS 13360(Part 6/Sec 22):2006 / ISO 2578:1993	Plastics-Methods of testing Part 6 Thermal properties Section 22 - Determination of time- temperature limits after prolonged exposure to heat	Jun 2011	
180	IS 13360(Part 6/Sec 23):2006 / ISO 9773:1998	Plastics - Methods of testing Part 6 Thermal properties Section 23 - Determination of burning behaviour of thin flexible vertical specimens in contact with a small-flame ignition source.	Jun 2011	
181	IS 13360(Part 8/Sec 8):2004 / ISO 3451-1:1997	Plastics - Methods of Testing Part 8 Permanence/ Chemical Properties Section 8 Determination of Ash - General Methods	Apr 2010	
182	IS 13360(Part 8/Sec 14):2005 / ISO 4611:1987	Plastics - Methods of testing Part 8 Permanence/ Chemical Properties Section 14 Determination of the Effects of Exposure to Damp Heat, Water Spray and Salt Mist	Apr 2010	
183	IS 13360(Part 10/Sec 7):2004 / ISO 308:1994	Plastics - Methods of Testing Part 10 Resin (Thermosetting Properties) Matter (Apparent Resin Content of Material in the Unmoulded State)	Apr 2010	
184	IS 13360(Part 11/Sec 13):2006 / ISO:8570:1991	Plastics - Methods of testing Part 11 Special properties Section 13 Film and sheeting - Determination of cold-crack temperature		
185	IS 13410:1992	Glass reinforced polyester sheet moulding compounds (SMC)	Sep 2008	
186	IS 13411:1992	Glass reinforced polyester dough moulding compounds	Sep 2008	
187	IS 13449:1992	Positive list of constituents of ethylene vinyl acetate (EVA) copolymers in contact with foodstuffs, pharmaceuticals and drinking water	Sep 2008	
188	IS 13463:1992	Polyamide (nylon 6) material for moulding and extrusion	Sep 2008	1
189	IS 13464:1992	Polyamide (nylon 66) materials for moulding and extrusion	Sep 2008	1
190	IS 13576:1992	Ethylene methacrylic acid (EMAA) copolymers and terpolymers for their safe use contact with foodstuffs, pharmaceuticals and drinking water	Sep 2008	

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191	IS 13577:1992	Positive list of constituents of ethylene methacrylic acid (EMAA) copolymers and terpolymers in contact with foodstuffs, pharmaceuticals and drinking water	Sep 2008	
192	IS 13601:1993	Ethylene vinyl acetate (EVA) copolymers for its safe use in contact with foodstuffs, pharmaceuticals and drinking water	Apr 2010	
193	IS 13653:1992	Anaerobic jointing compounds for use in liquid petroleum gas appliances and installations	Sep 2008	1
194	IS 13959:1994	Polypropylene sutly	Apr 2010	
195	IS 13960:1994	Thermoplastic strappings	Apr 2010	
196	IS 14182:1994	Solvent cement for use with unplasticized polyvinylchloride plastic pipe and fittings	Apr 2010	2
197	IS 14421:1997	Plasticizer esters (superseding IS 3371:1980, IS 3672:1980, IS 6627:1980 and IS9572:1980)	Sep 2008	1
198	IS 14425:1997	Guide for manufacture of glass reinforced polyester resin mouldings	Sep 2008	
199	IS 14426:1997	Chlorinated paraffins (CP)	Sep 2008	
200	IS 14434:1998	Polycarbonate moulding and extrusion materials	Apr 2010	
201	IS 14443:1997	Polycarbonate sheets	Sep 2008	
202	IS 14500:1998	Linear low-density polyethylene (LLDPE) films	Apr 2010	
203	* IS 14534:1998	Guidelines for recycling of plastics	Apr 2010	
204	IS 14535:1998	Recycled plastics for the manufacturing of products - Designation	Apr 2010	1
205	IS 14635:1999	Polytetrafluoroethylene (PTFE) materials for moulding and extrusion	Apr 2010	
206	IS 14643:1999	Unsintered polytetra fluroethylene (PTFE) tape for thread sealing applications	Apr 2010	
207	IS 14752:2000	Melamine formaldehyde resin for wet strength of paper -	Apr 2010	
208	IS 14753:1999	Poly (methyl) methacrylate (PMMA) (acrylic) Sheets	Apr 2010	

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209	IS 14851:1999 / ISO 14851:1999	Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium - Method by measuring the oxygen demand in a closed respirometer ISO 14851:1999/Cor 1:2005	Jun 2011
210	IS 14852:2000 / ISO 14852:1999	Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium - Method by analysis of evolved carbon dioxide ISO 14852:1999/Cor 1:2005	Jun 2011
211	IS 14853:2005 / ISO 14853:2005	Plastics - Determination of the ultimate anaerobic biodegradation of plastic materials in an aqueous system -- Method by measurement of biogas production	Jun 2011
212	IS 14855(Part 1):2005 / ISO 14855-1:2005	Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions - Method by analysis of evolved carbon dioxide -- Part 1: General method	Jun 2011
213	IS 14855(Part 2):2000 / ISO 14855-2	Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions - Method by analysis of evolved carbon dioxide - Part 2 Gravimetric measurement of carbon dioxide evolved in a laboratory - scale test	Jun 2011
214	IS 14971:2001	Polycarbonate resins for its safe use in contact with foodstuffs, pharmaceuticals and drinking water	Jun 2011
215	IS 14972:2001	Positive list of constituents of polycarbonate resins in contact with foodstuffs, pharmaceuticals and drinking water	Jun 2011
216	IS 14995:2001	Stretch Cling films	Jun 2011
217	IS 14996:2001	Positive list of constituents of modified poly(phenylene oxide) (PPO) in contact with foodstuffs, pharmaceuticals and drinking water	Jun 2011
218	IS 14997:2001	Modified poly (Phenylene oxide) (PPO) for their safe use in contact with foodstuffs, pharmaceuticals and drinking water	Jun 2011
219	IS 14998:2001	Positive list of constituents of melamine-formaldehyde resins in contact with foodstuffs, pharmaceuticals and drinking water	Jun 2011
220	IS 14999:2001	Melamine-formaldehyde moulding materials for its safe use in contact with foodstuffs, pharmaceuticals and drinking water	Jun 2011

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221	IS 15225:2002	Chlorinated polyvinyl chloride compounds used for pipes and fittings - Specification	Sep 2008
222	IS 15226:2002	Rigid Polyvinyl Chloride (PVC) compounds - Specifications	Sep 2008
223	IS 15477:2004	Adhesives for use with ceramic tiles and mosaics	Apr 2010
224	IS 15559:2004	Polyester strapping - Specification	Apr 2010
225	IS 15621:2005	Tetrabromobisphenol - A - Specification	Apr 2010
226	IS 15623:2005	Melamine (2,4,6 Triamino 1,3,5 Triazine) - Specification	Apr 2010
227	IS 15985:2004 / ISO 15985:2004	Plastics - Determination of the ultimate anaerobic biodegradation and disintegration under high-solids anaerobic- digestion conditions -- Method by analysis of released biogas	Jun 2011
228	IS 16929:2002 / ISO 16929:2002	Plastics - Determination of the degree of disintegration of plastic materials under defined composting conditions in a pilot-scale test	Jun 2011
229	IS 17088:2008 / ISO 17088 :2008	Specifications for compostable plastics	
230	IS 17556:2003 / ISO 17556:2003	Plastics - Determination of the ultimate aerobic biodegradability in soil by measuring the oxygen demand in a respirometer or the amount of carbon dioxide evolved	Jun 2011
231	IS 20200:2004 / ISO 20200:2004	Plastics - Determination of the degree of disintegration of plastic materials under simulated composting conditions in a laboratory-scale test	Jun 2011

FINALISED DRAFTS UNDER PRINT

1	DOC.PCD 12(2467)	ISO 8124-1:2009 Safety requirements for Toys Part I Safety aspects related to mechanical and physical properties (second revision of IS 9873 (Part I):2001 Safety Requirements of Toys/ISO 8124-1:2000]	
2	DOC.PCD 12(2502)	Methods of testing Part 6 Thermal properties, Section 10 Determination of melting behaviour (melting temperature or melting range) of semi-crystalline polymers	
3	DOC.PCD 12(2524)	IS 13360(Part 8/Sec 3)/ISO 175:1999 Plastics - Methods of testing Part 8 permanence/chemical properties Section 3 Determination of the effects of liquid chemicals, including water	
4	DOC.PCD 12(2468)	Safety requirements for Toys Part 2	

Flammability requirements [second revision of IS 9873 (Part 2)]

5	DOC.PCD 12(2491)	IS13360 (Part 5/Sec 8)/ISO 604: 2002 Plastics - Methods of testing: Part 5 Mechanical properties, Section 8 Determination of compressive properties	
6	DOC.PCD 12(2492)	IS 13360(Part 5/Sec 11)/ISO 868: 2003 Plastics - Methods of testing : Part 5 Mechanical properties, Section 11 Determination of indentation hardness of plastics by means of durometer (shore hardness)	
7	DOC.PCD 12(2494)	IS 13360(Part 6/Sec 3)/ISO 75-1:2004 Plastics - Methods of testing Part 6 Thermal properties, Section 3 Determination of temperature of deflection under load - General test method	
8	DOC.PCD 12(2497)	IS 13360(Part 6/Sec 17)/ISO 75-2:2004 Plastics - Methods of testing Part 6 Thermal properties, Section 17 Determination of temperature of deflection under load – Plastics and ebonite	
9	DOC.PCD 12(2498)	IS 13360(Part 6/Sec 18)/ISO 75-3:2004 Plastics - Methods of testing Part 6 Thermal properties, Section 18 Determination of temperature of deflection under load – High strength thermosetting laminates and long-fibre-reinforced plastics	
10	DOC.PCD 12(2499)	Plastics - Methods of testing Part 8 Permanence/Chemical properties Section 1 Determination of water absorption [IS 13360(Part 8/Sec 1)/ISO 62:2008]	
11	DOC.PCD 12(2503)	IS 13360(Part 8/Sec 3)/ISO 175:1999 Plastics - Methods of testing Part 8 permanence/chemical properties Section 9 Determination of resistance to environmental stress cracking (ESC) - Bent strip method [ISO 4599:1986 replaced by ISO 22088-3:2006]	
12	IS 9873(Part 1):2001 / ISO 8124-1:2000	Safety requirements for toys: Part 1 Safety aspects related to mechnaical and physical properties	Aug 2007
13	IS 9873(Part 2):1999 / 8124-2:1994	Safety requirements for toys: Part 2 Flammability requirements	Aug 2005

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.PCD 12(2477)	Draft Amendment No. 2 to IS 3988:1981 Specification for Guan Gam	
2	DOC.PCD 12(2480)	13360 (Part 2/Sec 2)/ISO 295 : 2004 Plastics - Methods of Testing Part 2 Sampling and	

		Preparation of Test Specimens: Sec 2 Compression moulding of test specimens of thermosetting materials
3	DOC.PCD 12(2481)	13360(Part 2/Sec 5)/ISO 3167 : 2002 Plastics - Methods of Testing Part 2 Sampling and preparation of test specimens : Sec 5 Multipurpose test specimens
4	DOC.PCD 12(2483)	IS 13360(Part 3/Sec 1)/ ISO 1183-1:2004, ISO 1183-2:2004, ISO 1183-3:1999 Plastics - Methods of testing Part 3 Physical and dimensional properties, Section 1 Determination of density and relative density of non-cellular plastics
5	DOC.PCD 12(2484)	IS 13360 (Part 3/Sec 5)/ISO 2577 : 2007 Plastics - Methods of testing Part 3 Physical and dimensional properties, Section 5 Determination of shrinkage and post-shrinkage of thermosetting materials
6	DOC.PCD 12(2485)	IS 13360(Part 4/Sec 1)/ISO 1133 : 2005 Plastics - Methods of testing Part 4 Rheological properties, Section 1 Determination of melt mass-flow rate (MFR) and the melt volume- flow rate (MVR) of thermoplastics
7	DOC.PCD 12(2488)	IS 13360(Part 5/Sec 4)/ISO 180 : 2000 Plastics - Methods of testing : Part 5 Mechanical properties, Section 4 Determination of izod impact strength
8	DOC.PCD 12(2490)	Plastics-Methods of Testing Part 5 Mechanical properties Section 7 Determination of flexural properties [ISO 178:2001]

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.PCD 12(2466)	Boxing Gloves - Specification (second revision of IS 3874)	Jan 1941
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DRAFT STANDARDS APPROVED FOR WIDE CIRCULATION

1	DOC.PCD 12(2076)	Amendment No. 2 to IS 11320:1997 Glass fibre rovings for the reinforcement of polyester and of epoxide resin systems (first revision).
2	DOC.PCD 12(2383)	Oriental polypropylene films (ISO/DIS 17555:2003 'Plastics - Film and sheeting - Biaxially oriented polypropylene (PP) films

ASPECT WISE REPORT

PRODUCT	91
METHODS OF TEST	95
CODE OF PRACTICES/GUIDES	6
TERMINOLOGY	2

OTHERS

37

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PCD 12:10 Sports Goods Subcommittee

SCOPE - a) To formulate Indian Standards on Sports goods, including athletic goods, gymnasium equipment and physical training equipment
b) To coordinate with the work of ISO/TC 83 Sports & Recreational equipment

Sl. No.	IS Number/ DOC Number No. of	Title	Reaffirm	
			Date	Amd.
STANDARDS PUBLISHED				
1	IS 414:1965	Guts for tennis, badminton and squash racket (first revision)		
2	IS 415:2002	Shuttlecocks (second revision)		
3	IS 416:1983	Hockey balls (third revision)	Jan 2002	
4	IS 417(Part 1):2003	Footballs, volleyballs, basket balls, netballs, throwballs and water-polo balls: Part I Footballs (fourth revision)	Jan 2002	
5	* IS 417(Part 2):1986	Footballs, volleyballs, basket balls, netballs, throwballs and water-polo balls: Part 2 Volleyballs (fourth revision)	Jan 2002	
6	** IS 417(Part 3):1986	Footballs, volleyballs, basket balls, netballs, throwballs and water-polo balls: Part 3 Basketballs (fourth revision)	Jan 2002	
7	IS 417(Part 4):1976	Footballs, volleyballs, basket balls, netballs, throwballs and water-polo balls: Part IV Netballs (third revision)	Jan 2002	1
8	IS 417(Part 5):1976	Footballs, volleyballs, basket balls, netballs, throwballs and water-polo balls: Part V Throwballs (third revision)	Jan 2002	1
9	IS 417(Part 6):1976	Footballs, volleyballs, basket balls, netballs, throwballs and water-polo balls: Part VI Water-polo balls (third revision)	May 2000	1
10	IS 827:1966	Sinew guts for tennis and badminton rackets (first revision)	May 2000	
11	IS 828:1979	Cricket bats (second revision)	Jan 2002	1
12	IS 829:1978	Hockey sticks (second revision)	Jan 2002	1
13	IS 830:1985	Tennis racket frames (third revision)	Jan 2002	

14	IS 831:1979	Badminton racket frames (second revision)	Jan 2002	1
15	IS 2205:1962	Tube inflated football bladders	May 2000	
16	IS 2216:1985	Tennis balls (first revision)	Jan 2002	
17	IS 2459:1982 ISO 379:1980	Horizontal bars used in gymnastics (first revision)	Jan 2002	
18	* IS 2460:1981	Pommel horse, vaulting horse and vaulting buck used in gymnastics (first revision)	May 2000	
19	IS 2461:1963	Balancing beams used in gymnastics	May 2000	
20	IS 2462:1981 ISO 378:1980	Parallel bars used in gymnastics (first revision)	May 2000	
21	IS 2463:1981	Rings used in gymnastics (first revision)	May 2000	
22	IS 2578:1978	Squash racket frames (first revision)	Jan 2002	1
23	IS 2719:1964	Carrom boards	Jan 2002	
24	IS 2746:1964	Spring boards	Jan 2002	
25	IS 3345:1989	Sports nets (first revision)	May 2000	
26	IS 3659:1993	Table tennis balls (first revision)	Jan 2002	
27	IS 3785:1983	Wicket keeping gloves (first revision)	May 2000	
28	IS 3800:1983	Batting gloves (first revision)	May 2000	
29	IS 3874:1987	Boxing gloves (first revision)	Jan 2002	
30	IS 3923:1983	Leg-guards for cricket batsmen and wicket-keepers (first revision)	May 2000	
31	IS 4141:1988	Table tennis rackets (second revision)	May 2000	
32	IS 4142:1967	Discus	May 2000	3
33	IS 4143:1967	Carrom-draughts	Jan 2002	
34	IS 4144:1967	Carrom-strikers	Jan 2002	

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35	IS 4385:1988	Throwing hammers (first revision)	May 2000
36	IS 4386:1988	Putting shots (first revision)	May 2000
37	IS 4387:1967	Asymmetric bars	Jan 2002
38	IS 4613:1993	Javelins (first revision)	Jan 2002
39	IS 4614:1988	Hurdles (first revision)	May 2000
40	IS 4630:1968	Barbell set	Jan 2002
41	IS 4973:1968	Badminton woollen balls	Jan 2002
42	IS 4979:1993	Table-tennis table (first revision)	Jan 2002
43	IS 4980:1968	Clubs, Indian	May 2000
44	IS 5172:1969	Balancing bench	Jan 2002
45	IS 5173:1979	Wall bars (first revision)	Jan 2002
46	IS 5196:1969	Chest expander	Jan 2002
47	IS 5214:1969	Jumping and vaulting standards	May 2000
48	IS 5458:1969	Rounders ball	May 2000
49	IS 5459:1969	Base balls	May 2000
50	IS 5460:1969	Soft balls	May 2000
51	IS 5535:1969	Rugby ball	May 2000
52	IS 5739:1970	Track and field equipment (sports goods for schools)	Jan 2002
53	IS 6479:1972	Balls, punching	May 2000
54	IS 6599:1972	Vaulting boxes	May 2000
55	IS 6621:1985	Cricket stumps and bails (first revision)	Jan 2002

*** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED**
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56	IS 6783:1986	Basketball frames (first revision)	Jan 2002
57	IS 6869(Part 1):1973	Playground equipment for parks: Part I General requirements	May 2000
58	IS 6869(Part 2):1973	Playground equipment for parks: Part II Horizontal bars	May 2000
59	IS 6869(Part 3):1973	Playground equipment for parks: Part III Horizontal ladders	May 2000
60	IS 6869(Part 4):1973	Playground equipment for parks: Part IV Jungle gyms (or castle climbers)	May 2000
61	IS 6869(Part 5):1973	Playground equipment for parks: Part V Parallel bars	May 2000
62	IS 6869(Part 6):2002	Playground equipment for park - Part 6 Swings	
63	IS 6974:1973	Abdomen guards for sports use	Jan 2002
64	IS 6978:2002	Chess equipment (first revision)	
65	IS 8012:1976	Spring dumb-bells	May 2000
66	IS 8404(Part 1):1977	Fixed playground equipment for schools: Part I General requirements	May 2000
67	IS 8404(Part 2):1979	Fixed playground equipment for schools: Part II Climbing ropes	Jan 2002
68	IS 8594:1977	Ball, medicine	May 2000
69	IS 8694:1978	Latex bladders, seamless, valve type	May 2000
70	IS 9195(Part 1):1979	Gymnasium equipment: Part 1 General requirements	May 2000
71	IS 10771:1983	Leg guards for hockey goal keepers	Jan 2002
72	IS 10800:1983	Cricket balls	Jan 2002
73	IS 10830:1984 / ISO 5903:1981	Gymnastic equipment-Landing mats and surfaces for floor exercises-Determination of hardness and impact damping	Jan 2002
74	IS 10831:1984 / ISO 5905:1980	Gymnastic equipment-Landing mats (2000 mm x 1250 mm x 60 mm) (supersedes IS 5174:1969)	Jan 2002
75	IS 10832:1984 / ISO 5906:1980	Gymnastic equipment-Surfaces for floor exercises-Mats	Jan 2002

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76	IS 10833:1984 / ISO 5907:1980	Gymnastic equipment-Surfaces for floor exercises-Boards	Jan 2002
77	IS 10888:1984 / ISO 5904:1981	Method for determination of resistance to slipping of gymnastic landing mats and surfaces for floor exercises	Jan 2002
78	IS 11588:1986	Beating boards	Jan 2002
79	IS 11589:1986	Jump stands	Jan 2002
80	IS 11729:1986	Handballs	Jan 2002
81	IS 11974:1987	Badminton metallic racket frames	May 2000
82	IS 12425:1988	Dimensions for steeplechase hurdles	May 2000

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.PCD 22(1935)	Football, volleyballs, basketball, netballs, throwballs and water-polo balls - [Fifth revision of IS 417 Part 2:Volleyballs (Part 2):1986]
2	DOC.PCD 22(2004)	Pomelled horse, vaulting horse and vaulting buck used in gymnastics (first revision of IS 2460:1981)
3	DOC.PCD 22(2231)	Tennis Balls - Specification (Second Revision of IS 2216:1985)

ASPECT WISE REPORT

PRODUCT	76
METHODS OF TEST	2
DIMENSION	1
OTHERS	3

TOTAL : 82

PCD 13 Rubber and Rubber Products Sectional Committee

- SCOPE -** a) To formulate Indian Standards for terminology, methods of sampling and test, codes of practice, environmental aspects, specification for natural rubber, synthetic rubber, reclaimed rubber; vulcanized rubber and rubber products (excluding rubber conveyors and transmission belting, rubber cables and rubber products used for automobile industry), hoses, elastomeric isolators, raw materials for rubber and rubber industry, flexible and semi-rigid cellular materials whether made of rubber or TPR and coated fabrics
b) To coordinate with :
i) ISO/TC 45 Rubber and Rubber Products
ii) Transport Engineering Department, TED
iii) Production & General Engineering Department, PGD

LIAISON

- a) BPD 29 Pulleys and Belts
b) TED 7 Automotive Tyres, Tubes, Rims

Sl. No.	IS Number/ DOC Number	Title	Reaffirm	
			Date	Amd.
STANDARDS PUBLISHED				
1	IS 443:1975	Methods of sampling and test for rubber hoses (second revision)	Jun 2006	2
2	** IS 444:1987	General purpose rubber water hose (fourth revision) (Superseding IS 445:1964 and IS 913:1968)	Feb 2008	1
3	** IS 446:1987	Rubber air hose (fourth revision) (Superseding IS:911:1986 and IS 3557:1965)	Feb 2008	1
4	IS 447:1988	Specification for rubber hose for welding (fourth revision) (Superseding IS:3572-1968)	Feb 2008	1
5	IS 635:1982	Oil and solvent resistant hose of rubber (third revision) (superseding IS 3418:1968)	Jun 2006	1
6	** IS 636:1988	Non-percolating flexible fire fighting delivery hose (third revision)	Feb 2008	
7	IS 637:1994	Rubber tubings for general purposes - Specification (Second revision)	Feb 2008	
8	IS 638:1979	Sheet rubber jointing and rubber insertion jointing (second revision)	Feb 2008	
9	IS 917:1976	Activated calcium carbonate for rubber industry (first revision)	Jun 2006	1
10	IS 1001:1991	Synthetic rubber proofed/coated fuel pump diaphragm fabric - Specification (first revision)	Jun 2006	

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11	** IS 1259:1984	Vinyl coated fabrics (third revision)	Jun 2006	3
12	IS 1677:2005 / ISO 1401:1999	Rubber hoses for agricultural spraying (second revision)	Feb 2011	
13	IS 1683:1994	Barytes for rubber industry (second revision)	Feb 2008	
14	IS 1684:1994	Red oxide of iron for rubber industry - Specification (Second Revision)(Superseding IS 8219:1976)	Feb 2008	
15	IS 1685:1975	Whiting for rubber industry (first revision)	Feb 2008	
16	** IS 1741:1960	Latex foam rubber products	Feb 2008	5
17	IS 1867:1975	Rubber hot water bottles (first revision)	Jun 2006	2
18	IS 2037:1986	Specification for tracing cloth (first revision)	Jun 2006	1
19	IS 2089:1977	Common proofed canvas/duck and paulins (tarpaulins) (second revision)	Jun 2006	2
20	IS 2244:1972	Glossary of terms relating to treated fabrics (first revision)	Jun 2006	1
21	** IS 2396:1988	Specification for rubber hose for fuel dispensing (third revision)	Feb 2008	1
22	IS 2482:1990	Light duty water suction hose of rubber (second revision)	Jun 2006	
23	IS 2789:1972	Special proofed paulins (tarpaulins) (first revision)	Jun 2006	2
24	IS 3322(Part 1):1987	Water-resistant clothing Part 1 PVC-coated fabrics (first revision)	Jun 2006	
25	IS 3399:1993	Zinc oxide for rubber industry (second revision)	Feb 2008	
26	IS 3400(Part 1):1987	Methods of test for vulcanized rubbers: Part 1 Tensile stress-strain properties(second revision)	Feb 2008	1
27	** IS 3400(Part 2):2003 / ISO 48:1994	Methods of test for vulcanized rubbers: Part 2 Rubber, vulcanized or thermoplastic - Determination of hardness (hardness between 10 IRHD and 100 IRHD) (third revision)	Feb 2008	
28	IS 3400(Part 3):1987	Methods of test for vulcanized rubbers: Part 3 Abrasion resistance using a rotating cylindrical drum device (first revision)	Feb 2008	

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
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29	IS 3400(Part 4):1987	Methods of test for vulcanized rubbers: Part 4 Accelerated ageing (second revision)	Feb 2008	
30	IS 3400(Part 5):1986	Methods of test for vulcanized rubbers: Part 5 Adhesion of rubbers to textile fabrics (second revision)	Feb 2008	1
31	** IS 3400(Part 6):2005 / ISO 1817:1999	Methods of test for vulcanized rubbers: Part 6 Resistance to liquids (second revision)	Feb 2011	
32	IS 3400(Part 7):1985	Methods of test for vulcanized rubbers: Part 7 Resistance to flex-cracking (first revision)	Jun 2006	
33	IS 3400(Part 8):1983	Methods of test for vulcanized rubbers: Part 8 Resistance to crack growth (first revision)	Jun 2006	
34	** IS 3400(Part 9):2003 / ISO 2781:1988	Methods of test for vulcanized rubbers: Part 9 Density (second revision)	Feb 2011	
35	IS 3400(Part 10):1977	Methods of test for vulcanized rubbers: Part X Compression set at constant strain (first revision)	Feb 2008	
36	IS 3400(Part 11):1985	Methods of test for vulcanized rubbers: Part 11 Determination of rebound resilience (first revision)	Jun 2006	
37	IS 3400(Part 12):1971	Methods of test for vulcanized rubbers: Part 12 Tear strength-crescent test piece	Feb 2008	
38	IS 3400(Part 13):1983	Methods of test for vulcanized rubbers: Part 13 Tension Set (first revision)	Feb 2008	
39	IS 3400(Part 14):1984	Methods of test for vulcanized rubbers: Part 14 Adhesion of rubber to metal (first revision)	Feb 2008	
40	IS 3400(Part 15):1971	Methods of test for vulcanized rubbers: Part 15 Volume resistivity of electrically conducting and antistatic rubbers	Feb 2008	
41	IS 3400(Part 16):1974	Methods of test for vulcanized rubbers: Part 16 Measurement of cut growth of rubber by the use of rose flexing machine	Jun 2006	
42	IS 3400(Part 17):1974	Methods of test for vulcanized rubbers: Part XVII Tear strength-angular test piece	Feb 2008	
43	IS 3400(Part 18):1995	Methods of test for vulcanized rubbers: Part 18 Stiffness at low temperature (Gehman test) (first revision)	Jun 2006	
44	IS 3400(Part 19):1976	Methods of test for vulcanized rubbers: Part 19 Permeability to gases (constant volume method)	Feb 2008	1
45	IS 3400(Part 20):1994 / ISO 1431-1:1989	Methods of test for vulcanized rubbers: Part 20 Resistance to ozone cracking - Static strain test (first revision)	Feb 2008	

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46	IS 3400(Part 21):1980	Methods of test for vulcanized rubbers: Part 21 Determination of permeability to gases-constant pressure method	Feb 2008	
47	IS 3400(Part 22):1984	Methods of test for vulcanized rubbers: Part 22 Chemical analysis	Feb 2008	
48	IS 3400(Part 23):2002 / ISO 7619:1997	Method of test for vulcanized rubbers part 23 - Determination of indentation hardness by means of pocket hardness meters	Jun 2006	
49	IS 3400(Part 24):2001 / ISO 8033:1991	Methods of test for vulcanized rubber part 24 : Rubber and plastics hose - Determination of Adhesion between components	Jun 2006	
50	** IS 3549:1983	Specification for water suction and discharge hose of rubber, heavy duty (first revision) (Covers requirements of IS 2410:1963 also)	Jun 2006	
51	** IS 3565:1966	Rubber teats for feeding bottles	Jun 2006	1
52	IS 3660(Part 1):1999	Methods of test for natural rubber: Part 1 Determination of dirt (NR:1) (thirdrevision) [Superseded a portion of IS 3660(Part 51):1972]	Feb 2008	
53	** IS 3660(Part 2):1985	Methods of test for natural rubber: Part 2 Determination of volatile matter (NR:2) (second revision) [Supersedes a portion of IS 3660(Part 51):1972]	May 2009	1
54	IS 3660(Part 3):1988	Methods of test for natural rubber Part 3 Determination of ash (NR:3) (second revision) [Supersedes a portion of IS 3660(Part 51):1972]	May 2009	
55	IS 3660(Part 4):1988	Methods of test for natural rubber: Part 4 Determination of total copper (NR:4)(second revision) [Supersedes a portion of IS 3660(Part 51):1972]	May 2009	
56	IS 3660(Part 5):1989	Methods of test for natural rubber:Part 5 Determination of Manganese (NR:5) (second revision) [Supersedes a portion of IS 3660(Part 51):1972]	May 2009	
57	* IS 3660(Part 6):1988	Methods of test for natural rubber: Part 6 Determination of rubber hydrocarbon (NR:7) (second revision) [Supersedes a portion of IS 3660(Part 51):1972]	May 2009	
58	IS 3660(Part 7):1988	Methods of test for natural rubber: Part 7 Determination of Mooney Viscosity (NR:8) (second revision) [Supersedes a portion of IS 3660(Part 51):1972]	May 2009	

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59	** IS 3660(Part 8):1999	Methods of test for natural rubber part 8 mixing and vulcanizing of rubber in standard compound [NR:9] (second revision)	May 2009	
60	** IS 3660(Part 9):1989	Methods of test for natural rubber: Part 9 Determination of solvent extract (NR:10) (first revision) [Supersedes a portion of IS IS 3660(Part 52):1968]	May 2009	
61	IS 3660(Part 10):2000	Methods of test for natural rubber: Part 10 Determination of nitrogen content (NR:11) (first revision) [Supersedes a portion of IS 3600 (part 52):1968]	May 2009	
62	** IS 3660(Part 11):1989	Methods of test for natural rubber: Part 11 Determination of Plasticity (NR:12)(first revision) [Supersedes IS 3660(Part III):1971]	May 2009	
63	** IS 3660(Part 12):1989	Methods of test for natural rubber: Part 12 Determination of plasticity retention index (PRI) [NR:13] (first revision) [Supersedes IS 3660(Part III):1971]	May 2009	
64	IS 3660(Part 13):1997	Methods of test for natural rubber: Part 13 Determination of colour (NR:14) (first revision)	May 2009	
65	IS 3692:1975	Rubber closures, pharmaceutical (first revision)	Jun 2006	
66	** IS 3708(Part 1):1985	Methods of test for natural rubber latex: Part 1 Determination of dry rubber content (NRL:1) (first revision)	May 2009	1
67	IS 3708(Part 2):1985	Methods of test for natural rubber latex: Part 2 Determination of sludge content (NRL:5) (first revision)	May 2009	
68	** IS 3708(Part 3):2009 / ISO 705:1994	Methods of test for natural rubber latex: Part 3 Determination of density (NRL:6) (second revision)		
69	** IS 3708(Part 4):2009 / ISO 125:2003	Methods of test for natural rubber latex: Part 4 Determination of total alkalinity (NRL:7) (second revision)		
70	IS 3708(Part 5):2005 / ISO 127:1995	Methods of test for natural rubber latex: Part 5 Determination of KOH - number (second revision)	May 2009	
71	** IS 3708(Part 6):1985	Methods of test for natural rubber latex: Part 6 Determination of mechanical stability (NRL:9) (first revision)	May 2009	
72	IS 3708(Part 7):2005 / ISO 506:1992	Methods of test for natural rubber latex: Part 7 Determination of volatile fatty acid number (second revision) [Supersedes IS 3708(Part I):1966]	May 2009	

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73	* IS 3708(Part 8):2005 / ISO 1656:1996	Methods of test for natural rubber latex: Part 8 Determination of total nitrogen (NRL:12) (second revision) [Supersedes IS 3708(Part I):1966]	May 2009	
74	** IS 3708(Part 9):2005 / ISO 247:1990	Methods of test for natural rubber latex: Part 9 Determination of total ash (second revision) [Supersedes IS 3708(Part I):1966]	Feb 2011	
75	IS 3708(Part 10):1986	Methods of test for natural rubber latex: Part 10 Determination of boric acid (NRL:17) (first revision) [Supersedes IS 3708(Part II):1968]	Feb 2008	
76	IS 3708(Part 11):2001	Methods of test for natural rubber latex: Part 11 Determination of magnesium (Direct Titration Method) (NRL:18) (second revision) [Supersedes IS 3708(Part II):1968]	Jun 2006	
77	IS 3768:1996	Ventilation ducting - Vinyl coated, flexible and semi-rigid (second revision)	Jun 2006	
78	IS 3867:1966	Rubber ice bags	Jun 2006	
79	IS 4135:1974	Hospital rubber sheetings (first revision)	Jun 2006	1
80	IS 4149:1967	Post-mortem rubber gloves	Jun 2006	
81	IS 4355:1977	Fire resistant brattice cloth (first revision)	Jun 2006	1
82	IS 4501:1981	Aprons, rubberised, acid & alkali resistant (first revision)	Jun 2006	1
83	IS 4511(Part 1):1986	Methods of test for styrene-butadiene rubber (SBR) latices: Part 1 Determination of dry polymer content (first revision) [Supersedes IS 4511(Part I):1967]	Feb 2008	
84	IS 4511(Part 2):1986	Methods of test for styrene butadiene rubber (SBR) Latice:Part 2 Determinationof density SBRL: 6 (first revision) [Supersedes IS 4511(Part I):1967]	Feb 2008	
85	IS 4511(Part 3):1987	Methods of test for Styrene butadiene rubber (SBR) latices: Part 3 Determination of volatile unsaturates [SBR:8] (first revision) [Supersedes IS 4511(Part I):1967]	Feb 2008	
86	IS 4511(Part 4):1986	Methods of test for styrene-butadiene rubber (SBR) latices: Part 4 Determination of Bound styrene (SBR: 9) (first revision) [Supersedes IS 4511(Part I):1967]	Feb 2008	

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87	** IS 4511(Part 5):2005 / ISO 7781:2001	Methods of test for styrene-butadiene rubber (SBR) latices Part 5 Determination of soap and organic-acid content (second revision) [Supersedes IS 4511(Part I):1967]	Feb 2011	
88	IS 4511(Part 6):1987	Methods of test for styrene-butadiene rubber (SBR) latices: Part 6 Determination of High-speed mechanical stability (SBRL:11)	Feb 2008	
89	IS 4518(Part 1):1967	Methods of test for styrene-butadiene rubbers(SBR) Part I Determination of volatile matter, total ash, organic acid, soap, antioxidants, bound styrene and mooney viscosity	Feb 2008	
90	IS 4518(Part 2):1971	Methods of test for styrene-butadiene rubbers: Part II Determination of solvent extract and oil content	Feb 2008	
91	IS 4588:1986	Specification for rubber, raw, natural (third revision)	Feb 2008	2
92	IS 4770:1991	Rubber gloves for electrical purposes (first revision)	Jun 2006	1
93	IS 4810:1968	Fumigation sheets and covers, rubberized	Jun 2006	3
94	IS 5137:1990	Rubber hose for cement grouting (second revision) (Superseding IS 5166:1969)	Jun 2006	
95	IS 5189:1985	Specification for cold polymerized raw styrene-butadiene rubber (first revision)	May 2009	1
96	IS 5190:1993	Code for packaging of natural rubber latex in drums(first revision)	Feb 2008	1
97	IS 5192(Part 1):1994	Natural rubber compounds - Specification : Part 1 for moulded products (second revision)	Feb 2008	
98	IS 5192(Part 2):1994	Natural rubber compounds - Specification : Part 2 for extruded products (secondrevision)	Feb 2008	
99	IS 5193:1998	Rubber sealing rings for domestic fruit and vegetable preserving jars - Specification (first revision)	Feb 2008	
100	IS 5270:1969	Specification for rubber grommets for general purposes	Jun 2006	1
101	IS 5382:1985	Specification for rubber sealing rings for gas mains, water mains and sewers (first revision)	Feb 2008	3
102	** IS 5430:1981	Ammonia preserved concentrated natural rubber latex (first revision)	Feb 2008	2

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103	IS 5598:1986	Code of practice for bale coating, packing and marking of natural rubber (first revision)	Feb 2008	
104	IS 5599:1999	Rubber - Raw, natural and synthetic - Methods for sampling and sample preparation (first revision)	Feb 2008	
105	IS 5680:1969	Rubber tubing for medical use	Feb 2008	1
106	** IS 5797:1994	Rubber hose for aircraft refuelling and defuelling - Specification (Third Revision)	Feb 2008	
107	IS 5821:1986	Hot-water hose of rubber (second revision) (Superseding IS 5937:1970)	Jun 2006	
108	IS 5894:2005 / ISO 3861:1995	Rubber hose for sand blasting (second revision) (Superseding IS:6417-1971)	Jun 2006	1
109	IS 5915:1970	Single texture rubberized water proof fabrics	Jun 2006	2
110	IS 6058:1970	Rubber components for transfusion fluid bottles	Jun 2006	1
111	IS 6110:1983	Double-texture rubberized waterproof fabrics (first revision)	Jun 2006	3
112	IS 6306:1971	Methods of test for reclaimed rubber	Feb 2008	2
113	IS 6450:1971	Rubbers for the dairy industry	Jun 2006	1
114	IS 6611:1988	Symbols for rubbers and latices (first revision)	May 2009	
115	IS 6693:1972	Ebonite	Jun 2006	1
116	** IS 6713:1996	Code of practice for packaging and storage of vulcanized rubber (first revision)	Jun 2006	
117	IS 6803:1972	Special proofed canvas and duck	Jun 2006	
118	IS 6918:2002	Mercaptobenzothiazole - Specification (first revision)	Feb 2011	
119	IS 7016(Part 1):1982	Methods of test for coated and treated fabrics Part 1 Roll characteristics (first revision)	Feb 2008	
120	IS 7016(Part 2):1981	Methods of test for coated and treated fabrics Part 2 Determination of breaking strength and extension at break (first revision)	Feb 2008	

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121	IS 7016(Part 3):1981	Methods of test for coated and treated fabrics: Part 3 Tear strength (first revision)	Feb 2008	1
122	IS 7016(Part 4):2003 / ISO7854:1995	Methods of test for coated and treated fabrics: Part 4 Rubber or Plastics-coated fabrics - Determination of resistance to damage by flexing (second revision)	May 2009	
123	** IS 7016(Part 5):2003 / ISO 2411:1991	Method of test for coated and treated fabrics : (Part 5) Determination of coating adhesion strength (second revision)	Feb 2011	
124	IS 7016(Part 6):1984	Methods of test for coated and treated fabrics: Part 6 Bursting strength (first revision)	Feb 2008	1
125	IS 7016(Part 7):2009 / ISO 1420:2001	Methods of test for coated and treated fabrics: Part 7 Determination of resistance to penetration by water (second revision)		
126	IS 7016(Part 8):1975	Methods of test for coated and treated fabrics: Part 8 Accelerated ageing	Jun 2006	
127	IS 7016(Part 9):2003 / ISO 5978:1990	Methods of test for coated and treated fabrics: Part 9 Rubber or plastics coated fabrics - Determination of blocking resistance (second revision)	May 2009	
128	IS 7016(Part 10):1997 / ISO 4675:1990	Methods of test for coated and treated fabrics: Part 10 Rubber or plastics coated fabrics - Low temperature bend test (first revision)	Feb 2008	
129	IS 7016(Part 11):1987	Methods of test for coated and treated fabrics: Part 11 Determination of flexibility - Flat loop method	Jun 2006	
130	IS 7016(Part 12):1987	Methods of test for coated and treated fabrics: Part 12 Determination of tack-tear resistance	Jun 2006	
131	IS 7016(Part 13):2003 / ISO 5473:1997	Methods of test for coated and treated fabrics: Part 13 Rubber or plastics-coated fabrics - Determination of crush resistance (first revision)	May 2009	
132	IS 7016(Part 14):2003 / ISO 4646:1989	Methods of test for coated and treated fabrics: Part 14 - Rubber or plastics-coated fabrics - Low temperature impact test (first revision)	May 2009	
133	IS 7069:2001	Benzothiazyl-2-cyclohexyl sulphenamide (CBS) (second revision)	Jun 2006	
134	IS 7086(Part 1):1973	Methods of sampling and test for rubber compounding ingredients, Part I	Jun 2006	1
135	IS 7351:1985	Specification for styrenated phenol (first revision)	Jun 2006	1

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136	IS 7352:1974	X-ray lead-rubber protective aprons	Jun 2006	
137	IS 7466:1994	Rubber gaskets for pressure cookers - Specification (First Revision)	Feb 2008	1
138	IS 7490:1997	Reclaimed rubber - Specification (first revision)	Feb 2008	
139	IS 7497:1985	High abrasion furnace (HAF) carbon black (first revision)	Jun 2006	2
140	IS 7498:1985	Methods of sampling and test for carbon black (first revision)	Jun 2006	
141	IS 7499:2001 / ISO 1658:1994	Natural rubber (NR) - Evaluation procedure (second revision)	Jun 2006	
142	** IS 7503(Part 1):1988	Glossary of terms used in rubber industry: Part 1 Definitions of Basic Terms (first revision)	May 2009	
143	** IS 7503(Part 2):1988	Glossary of terms used in rubber industry: Part 2 Definitions of Additives (first revision)	May 2009	
144	** IS 7503(Part 3):1988	Glossary of terms used in rubber industry: Part 3 Definitions relating to properties & testing (first revision)	May 2009	
145	** IS 7503(Part 4):1988	Glossary of terms used in rubber industry: Part 4 Definitions relating to processing (first revision)	May 2009	
146	** IS 7503(Part 5):1988	Glossary of terms used in rubber industry: Part 5 Definitions relating to products - Hoses (first revision)	May 2009	
147	** IS 7503(Part 6):1986	Glossary of terms used in rubber industry: Part 6 Definitions relating to cellular materials	May 2009	
148	IS 7523:1974	Rubber catheter (urinary)	Jun 2006	1
149	IS 7651:1997	Wire reinforced, rubber covered hydraulic hose (second revision)	Feb 2008	
150	IS 7654:1987	Rubber hose for chemicals (first revision)	Feb 2008	
151	IS 7888:1976	Methods of test for flexible polyurethane foam	Feb 2008	
152	IS 7933:1975	Flexible polyurethane foam for domestic mattresses	Feb 2008	
153	IS 8134:1996	Intermediate super abrasion furnace (ISAF) carbon black - Specification (second revision)	Jun 2006	1

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154	IS 8135:1996	Fast extrusion furnace (FEF) carbon black - Specification (second revision)	Jun 2006	1
155	IS 8164:1976	Hospital rubber sheeting without reinforcing fabric	Feb 2008	3
156	IS 8189:1996	Rubber hose for on-shore oil suction and discharge services - Specification (first revision)	Jun 2006	
157	IS 8255:1976	Flexible load bearing polyurethane foam components for vehicles	Feb 2008	
158	IS 8483:1989	Dibenzothiazyl disulphide (first revision)	Jun 2006	
159	IS 8683:1977	Methods of test for raw acrylonitrile butadiene rubber	Feb 2008	
160	** IS 8698:1984	Expanded vinyl coated fabrics (first revision)	Jun 2006	1
161	IS 8699:1977	PVC coated fabrics for footwear industry	Jun 2006	
162	IS 8851:1994	Sulphur for rubber industry - Specification (first revision)	Feb 2008	
163	IS 8862:1978	Titanium dioxide (anatase type) for rubber industry	Feb 2008	
164	IS 8891:1978	Pine tar for rubber industry	Jun 2006	
165	IS 8979:1997	Tetramethyl thiuram disulphide (second revision)	Feb 2008	
166	IS 9316(Part 1):1987	Methods of test for rubber latex: Part 1 Determination of surface tension (RL:1) (first revision)	Feb 2008	
167	IS 9316(Part 2):1987	Methods of test for rubber latex: Part 2 Determination of viscosity (RL:2) (first revision)	Feb 2008	1
168	IS 9316(Part 3):1987	Methods of test for rubber latex: Part 3 Determination of coagulum content (Sieve Residue) (RL:3) (first revision)	Feb 2008	1
169	IS 9316(Part 4):1988	Methods of test for rubber latex: Part 4 Determination of total solids content(RL:4) (first revision)	May 2009	
170	IS 9316(Part 5):1988	Methods of test for rubber latex: Part 5 Drawing of samples (RL:5) (first revision)	May 2009	
171	** IS 9316(Part 6):1988	Methods of test for rubber latex: Part 6 Determination of pH (RL:6) (first revision)	May 2009	

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172	IS 9316(Part 7):1987	Methods of test for rubber latex: Part 7 Determination of total copper (RL:7)	Feb 2008	
173	IS 9316(Part 8):1987	Methods of test for rubber latex: Part 8 Determination of total iron (RL:8)	Feb 2008	
174	IS 9316(Part 9):1987	Methods of test for rubber latex: Part 9 Determination of total manganese (RL:9)	Feb 2008	
175	IS 9406:1980	Calcium silicate for rubber industry	Jun 2006	
176	IS 9407:1980	Light magnesium oxide for rubber industry	Jun 2006	1
177	IS 9481:1980	Specification for pillow, air	Feb 2008	
178	IS 9491:1980	Specification for mattress, air	Feb 2008	
179	IS 9573:1998	Rubber hose for liquefied petroleum gas (LPG) - Specification (second revision)	Feb 2008	3
180	IS 10016(Part 1):1981	Methods of test for polybutadiene rubbers: Part 1 Method of taking out test portion from sample bales	Feb 2008	
181	IS 10016(Part 2):1984	Methods of test for polybutadiene rubbers: Part 2 Determination of ash	Feb 2008	
182	IS 10016(Part 4):1984	Methods of test for polybutadiene rubbers: Part 4 Determination of CIS, Trans and Vinyl Structure	Feb 2008	
183	IS 10016(Part 5):1981	Methods of test for polybutadiene rubbers: Part 5 Determination of gel content	Feb 2008	
184	IS 10016(Part 6):2000	Methods of test for Polybutadiene Rubbers Part 6: Evaluation of vulcanization characteristics of polybutadiene rubbers (BR:2)	May 2009	
185	IS 10130:1992	Vulcanized vegetable oils (Factice) for rubber industry (first revision)	Feb 2008	
186	IS 10228:1982	Specification for school bag	Feb 2008	1
187	IS 10357:1990	General purpose furnace [GPF (N-660)] carbon black (first revision)	Jun 2006	1
188	IS 10358:1991	Super abrasion furnace (SAF) carbon black (first revision)	Jun 2006	1
189	IS 10387:1990	Semi-reinforcing furnace [SRF-LM-NS(N-762) and SRF-HM-NS(N-774)] carbon black (first revision)	Jun 2006	1

*** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED**
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

190	IS 10655:1999	Rubber steam hose - Specification (first revision)	Feb 2008	
191	IS 10660:1983	Rubber hydraulic hose with textile reinforcement	Feb 2008	
192	IS 10733:1983	Electrically bonded road and rail tanker hose of rubber, resistant to petroleum products	Jun 2006	
193	IS 10908:1991	Flexible rubber tubing for liquefied petroleum gas (first revision)	Feb 2008	1
194	IS 11001:1984	Double centrifuged natural rubber latex	May 2009	1
195	IS 11355:1985	Phenyl- naphthylamine	Jun 2006	
196	IS 11356:1985	Styrene-butadiene rubber latex	May 2009	
197	IS 11659:1986	Rubber hose for transferring anhydrous ammonia	Jun 2006	
198	IS 11720(Part 1):1986	Methods of test for synthetic rubber: Part 1 Determination of antioxidants (SR:1) [Supersedes a portion of IS 4518(Part I):1967]	Feb 2011	
199	** IS 11720(Part 2):2005 / ISO 3417:1991	Methods of test for synthetic rubber: Part 2 Measurement of vulcanization characteristics with oscillating disc curemeter (first revision)	Feb 2011	
200	IS 11720(Part 3):1993	Methods of test for synthetic rubber: Part 3 Determination of Mooney Viscosity	Feb 2008	
201	IS 11720(Part 4):1993	Methods of test for synthetic rubber Part 4 : Determination of volatile matter	Feb 2008	
202	IS 11720(Part 5):1993	Methods of test for synthetic rubber Part 5 : Determination of ash	Feb 2008	
203	IS 11720(Part 6):2001	Methods of test for synthetic rubbers Part 6 - Determination of solvent extract.	Jun 2006	
204	IS 11720(Part 11):2001 / ISO 7781:1996	Method of test for synthetic rubber Pt 11 Rubber, raw, styrene - Butadiene - Determination of soap and organic acid content.	Jun 2006	
205	IS 11720(Part 13):2001	Methods of test for synthetic rubber Part 13 : Determination of gel content	Jun 2006	
206	IS 11884:1986	Fire resistant brattice sheeting made from unsupported plastics	Jun 2006	

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

207	IS 12076:1986	Precipitated silica for rubber industry	Jun 2006	3
208	IS 12492:1988	Thermoplastics hoses (textile reinforced) for compressed air	Feb 2008	
209	IS 12585:1988	Thermoplastic hoses (textile reinforced) for water-General purpose	Feb 2008	1
210	IS 12649:1989	Guide for selection of treated/coated fabrics for various applications	Jun 2006	
211	** IS 12656:1989 / ISO 1746:1983	Rubber or plastics hoses and tubing - Bending tests	Jun 2006	
212	** IS 12657:1989 / ISO 4672:1988	Rubber and plastics hoses - Sub-ambient temperature flexibility tests	Jun 2006	
213	IS 12844:1989	Vinyl pyridine latex	May 2009	
214	IS 13071:1991	Rubber hose, wire reinforced for sand and gravel suction and discharge services-Specification	Jun 2006	
215	IS 13101:1991	Natural rubber latex, creamed, ammonia preserved - Specification	Feb 2008	1
216	IS 13217:1991	Thermoplastics fumigation covers	Jun 2006	
217	IS 13867:1993	Rubber standard temperatures, humidities and times for the conditioning and time interval between vulcanization and testing of test pieces	Feb 2008	
218	IS 13978:1994	Zinc Diethyl dithiocarbamate (ZDEC) - Specification	Feb 2008	
219	IS 13981:1994	Benzothizyl-N-Morpholinyl sulphenamide(MBS) - Specification	Feb 2008	
220	IS 14127:1995	Insoluble (Amorphous) sulphur for rubber industry - Specification	Jun 2006	
221	IS 14128:1994	N-(1,3-Dimethylbutyl)-N--Phenyl paraphenylenediamine (6 PPD) - Specification	Feb 2008	
*222	IS 14424:1997	Rubber threads - Specification	Feb 2011	
223	IS 14597:1998	Synthetic tarpaulins (Heavy duty protective covers) made from coated nylon or polyester fabrics - Specification	Feb 2008	
224	IS 14611:1998	Multilayered cross laminated sheets and tarpaulins/covers - Specification	Feb 2008	

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
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225	IS 14788:2000 / ISO 2322:1996	Styrene butadiene rubber (SBR) : Emulsion and solution polymerised types - Evaluation procedure	May 2009
226	** IS 14789:2000 / ISO 5478:1990	Rubber - Determination of styrene content - Nitration methods	May 2009
227	IS 14794:2000 / ISO 2302:1995	Isobutylene-isoprene rubber (IIR) - Evaluation procedure	May 2009
228	IS 14923:2001	Polymerised 1,2,dihydro 2,2,4-trimethyle quinoline (TMQ)	Jun 2006
229	IS 15076:2002 / ISO 2475:1999	Choroprene rubber (CR) - General purpose types - Evaluation procedure	Feb 2011
230	IS 15078:2001	Petroleum based processed oil for rubber industry.	Jun 2006
231	IS 15355:2003 / ISO 8789:1994	Rubber hose and hose assemblies for liquefied petroleum gas in motor vehicles	May 2009
232	IS 15361:2003	Raw natural rubber - Ribbed smoked sheet (RSS)	May 2009

FINALISED DRAFTS UNDER PRINT

1	DOC.PCD 13(2448)	Rubber Hose for Liquefied Petroleum Gas (LPG) - Specification (third revision of IS 9573)
2	DOC.PCD 13(2455)	Rubber vulcanized - Determination of the effects of liquids (ISO 1817:2005) (third revision of IS 3400 (Part 6)
3	DOC.PCD 13(2449)	Rubber, vulcanized or thermoplastic - Determination of Tensile Stress-strain properties [third revision of IS 3400(Part 1)/ISO 37:2005]
4	DOC.PCD 13(2450)	Rubber, vulcanized or thermoplastic - Accelerated ageing and heat resistance tests [third revision of IS 3400(Part 4)/ISO 188:2005]
5	DOC.PCD 13(2451)	Rubber and plastic hoses - Determination of adhesion between components [first revision of IS 3400(Part 24)/ISO 8033:2006]
6	DOC.PCD 13(2452)	Rubber and plastic hoses for general purpose industrial applications - Bore diameters and tolerances and tolerances on length/ISO 1307:2006
7	DOC.PCD 13(2454)	Rubber and plastic hoses and hose assemblies - Methods of measurement of the dimensions of hoses and the lengths of hose assemblies (ISO 4671:2007)

*** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED**
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DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.PCD 13(2539)	Draft Indian Standard on 'Methods of test for rubber latex Part 5 Drawing of samples [Second Revision of IS 9316 (Part 5)] and adoption of ISO 123:2001'
2	DOC.PCD 13(2546)	Draft Indian Standard on 'Methods of Test for Synthetic Rubber Part 2 Measurement of Vulcanization Characteristics with the Oscillating Disc Curemeter [Second Revision of IS 11720 (Part 2)] and adoption of ISO 3417:2008'
3	DOC.PCD 13(2540)	Draft Indian Standard on 'Methods of test for rubber latex Part 4 Determination of total solids content [Second Revision of IS 9316(Part 4)] and adoption of ISO 124:2008'
4	DOC.PCD 13(2542)	Draft Indian Standard on 'Methods of test for natural rubber latex Part 1 Determination of dry rubber content [Second Revision of IS 3708 (Part 1)] and adoption of ISO 126:2005'
5	DOC.PCD 13(2543)	Draft Indian Standard on 'Methods of Test for Natural Rubber Part 2: Determination of Volatile Matter [Third Revision of IS 3660 (Part 2)] and adoption of ISO 248:2005'
6	DOC.PCD 13(2544)	Draft Indian Standard on 'Methods of Test for Natural Rubber Part 7 : Determination of Mooney Viscosity [Third Revision of IS 3660 (Part 7)] and adoption of ISO 289-1:2005'
7	DOC.PCD 13(2545)	Draft Indian Standard on 'Isobutene-Isoprene Rubber (IIR) – Evaluation Procedures [First Revision of IS 14794] and adoption of ISO 2302:2005'
8	DOC.PCD 13(2569)	Draft Amendment No. 1 to IS 6803:1972 Specification for special proofed canvas and duck

ASPECT WISE REPORT

PRODUCT	119
METHODS OF TEST	93
CODE OF PRACTICES/GUIDES	3
TERMINOLOGY	7
OTHERS	10

TOTAL : 232

*** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED**
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

PCD 18 Natural and Synthetic Fragrance Materials Sectional Committee

SCOPE - To formulate Indian Standards for terminology, methods of sampling and tests, codes of practices, and specifications for raw materials for fragrances

LIAISON

To co-ordinate with the work of ISO/TC-54 - Essential Oils

Sl. No. No. of	IS Number/ DOC Number	Title	Reaffirm	
			Date	Amd.
STANDARDS PUBLISHED				
1	IS 326(Part 1):1984 ISO 212:1973	Methods of sampling and test for natural and synthetic perfumery materials Part 1 Sampling (second revision)	Dec 2010	
2	IS 326(Part 2):1980	Methods of sampling and test for natural and synthetic perfumery materials Part 2 Preliminary examination of perfumery materials and samples (second revision)	Dec 2010	
3	IS 326(Part 3):2006 / ISO 279:1998	Methods of sampling and test for natural and synthetic perfumery materials Part 3 Relative Density (Third Revision)		
4	IS 326(Part 4):2005 / ISO 592:1998	Methods of sampling and test for natural and synthetic perfumery materials Part 4 Determination of optical rotation (Third Revision)	Dec 2010	
5	IS 326(Part 5):2006 / ISO 280:1998	Methods of sampling and test for natural and synthetic perfumery materials Part 5 Determination of refractive index (Third Revision)		
6	IS 326(Part 6):2005 / ISO 875:1999	Methods of sampling and test for natural and synthetic perfumery materials Part 6 Determination of solubility in ethanol (third revision)	Dec 2010	
7	IS 326(Part 7):2006 / ISO 1242:1999	Methods of sampling and test for natural and synthetic perfumery materials Part 7 Determination of acid value (third revision)		
8	IS 326(Part 8):2005 / ISO 709:2001	Methods of sampling and test for natural and synthetic perfumery materials Part 8 Determination of ester value, content of esters and combined alcohols (third revision)	Dec 2010	
9	IS 326(Part 9):1980	Methods of sampling and test for natural and synthetic perfumery materials Part 9 Determination of ester value after acetylation and free alcohols (second revision)	May 2006	
10	IS 326(Part 10):2005 / ISO 4715:1978	Methods of sampling and test for natural and synthetic perfumery materials Part 10 Determination of residue on evaporation (third revision)	Dec 2010	

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

11	IS 326(Part 11):1986	Methods of sampling and test for natural and synthetic perfumery materials Part 11 Determination of carbonyl value and content of carbonyl compounds (second revision)	Dec 2010	
12	IS 326(Part 12):2005 / ISO 1272:2000	Methods of sampling and test for natural and synthetic perfumery materials Part 12 Determination of phenols (third revision)	Dec 2010	
13	IS 326(Part 13):2005 / ISO 1202:1981	Methods of sampling and test for natural and synthetic perfumery materials Part 13 Determination of cineole content (third revision)	Dec 2010	
14	IS 326(Part 14):1985	Methods of sampling and test for natural and synthetic perfumery materials Part 14 Determination of heavy metals (second revision)	Dec 2010	
15	IS 326(Part 15):1984	Methods of sampling and test for natural and synthetic perfumery materials Part 15 Detection of petroleum and mineral oils (second revision)	Dec 2010	
16	IS 326(Part 16):1989	Methods of sampling and test for natural and synthetic perfumery materials Part 16 Determination of melting point and melting range (second revision)	Apr 2008	1
17	IS 326(Part 17):1989	Methods of sampling and test for natural and synthetic perfumery materials Part 17 Detection of chlorine (second revision)	Dec 2010	
18	IS 326(Part 18):1984 / ISO 1041:1973	Methods of sampling and test for natural and synthetic perfumery materials Part 18 Determination of freezing point (second revision)	Apr 2008	
19	** IS 326(Part 19):1998	Methods of sampling and test for natural and synthetic perfumery materials Part 19 Gas chromatographic analysis of perfumery materials	Apr 2008	
20	IS 326(Part 20):1993	Methods of sampling and test for natural and synthetic perfumery materials Part 20 Determination of boiling (Distillation) range (second revision)	Apr 2008	
21	IS 326(Part 21):2001 / ISO 11021:1999	Methods of sampling and test for natural and synthetic perfumery materials Part 21 Determination of water content - Karl Fischer method	May 2006	
22	** IS 327:1991	Oil of lemongrass - Specification (second revision)	Apr 2008	1
23	IS 328:1992	Oil of eucalyptus globulus (second revision)		1

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

24	IS 329:2004	Oil of sandalwood (third revision)	Dec 2010	
25	** IS 512:1988	Specification for oil of citronella (Java) (second revision)	Apr 2008	
26	IS 526:2007	Specification for oil of palmarosa (third revision)		
27	IS 528:1999	Oil of Mentha arvensis (Third Revision)	May 2006	
28	IS 533:2007	Gum spirit of turpentine (oil of turpentine) - Specification (third revision)		
29	** IS 587:1997	Oil of geranium (third revision)	Apr 2008	
30	IS 761:1988	Specification for oil of ginger (first revision)	Dec 2010	1
31	IS 1177:1996	Oil of vetiver (cultivated and KHUS) (second revision)	Apr 2008	1
32	IS 1615:1996	Oil of Himalyan cedarwood (second revision)	Apr 2008	
33	IS 1799:1981	Specification for citral (first revision)	Dec 2010	2
34	IS 1800:1989	Geraniol (second revision)	Dec 2010	
35	IS 1801:1997	Citronellol - Specification (third revision)	Dec 2010	
36	IS 1802:2005	Ionone (third revision)	Dec 2010	
37	IS 2284:1988	Method for olfactory assessment of natural and synthetic perfumery materials (first revision)	Apr 2008	
38	IS 3123:2005	Hydroxycitronellal (third revision)	Dec 2010	
39	IS 3124:2006	Terpineol - Specification (third revision)		
40	IS 3134:1992	Menthol - Specification (first revision)	Dec 2010	1
41	IS 3145:1986	Musk xylol (first revision)	Dec 2010	
42	IS 3146:1991	Oil of celery seed (first revision)	Apr 2008	
43	IS 3147:1992	Oil of dill seed - Specification (first revision)	Apr 2008	1

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

44	IS 3180:1984	Linalyl acetate (first revision)	Dec 2010	
45	IS 3228:1986	Musk ketone (first revision)	Dec 2010	
46	IS 3241:1985	Geranyl acetate (first revision)	Dec 2010	
47	IS 3250:2005	Methyl ionone - Specification (third revision)	Dec 2010	
48	IS 3349:1989	Resinoid benzoin, pure (first revision)	Dec 2010	
49	IS 3398:2003	Oil of patchouli (first revision)	Apr 2008	
50	IS 3504:2006	Thymol - Specification (third revision)		
51	IS 3584:2007	Camphor (second revision)		
52	IS 3858:2006	Benzylacetate (third revision)		
53	IS 3924:1980	Benzyl alcohol (first revision)	Dec 2010	1
54	IS 3925:1980	Eugenol (first revision)	Dec 2010	1
55	IS 3926:1986	Methyl cinnamate (first revision)	Dec 2010	1
56	IS 3927:1986	iso-butyl phenyl acetate (first revision)	Dec 2010	
57	IS 3928:1986	Styralyl acetate (first revision)	Dec 2010	1
58	IS 3929:1984	Amyl salicylate (first revision)	Dec 2010	
59	IS 4272:1986	Vanillin (first revision)	Dec 2010	
60	IS 4273:1984	iso-Bornyl acetate (first revision)	Dec 2010	
61	IS 4603:1991	Phenyl ethyl alcohol (first revision)	Dec 2010	1
62	IS 5164:1984	Iso-borneol (first revision)	Apr 2008	
63	IS 5752:1970	Yara yara	Dec 2010	
64	IS 5753:2006	Alpha-Amyl cinnamic aldehyde - Specification (third revision)		

*** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED**
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65	IS 5754:1998	Phenyl acetic acid, perfumery grade - Specification (second revision)	Apr 2008	
66	IS 5757:1992	Pine oil perfumery grade - Specification (second revision)	Apr 2008	2
67	IS 6597:2001	Glossary of terms relating to fragrance and flavour industry (second revision)	May 2006	
68	IS 6698:1972	Oil of clove	Dec 2010	
69	IS 6699:1989 ISO 3524:1977	Perfumery materials - Oil of Cinnamon leaf - Specification (first revision)	Dec 2010	
70	IS 6770:1984	Benzophenone (first revision)	Dec 2010	
71	IS 6774:2006	Classification of essential oil-bearing aromatic plants (first revision)	Dec 2010	
72	IS 7696:1991	para-Cresyl methyl ether (first revision)	Apr 2008	
73	IS 7697:1991	Phenyl ethyl methyl ether - Specification (first revision)	Apr 2008	
74	IS 9257:1993	Oil of Eucalyptus Citriodora - Specification (first revision)	Dec 2010	
75	IS 13261:1991	Oil of Mentha citrata - Specification	Dec 2010	
76	IS 13358(Part 1):1992	Code of practice for cultivation of aromatic plants Part 1 Geranium	Dec 2010	
77	IS 13358(Part 2):1992	Code of practice for cultivation of aromatic plants Part 2 Lemongrass	Dec 2010	
78	IS 13358(Part 3):1992	Code of practice for cultivation of aromatic plants Part 3 Citronella (Java)	Dec 2010	
79	IS 13358(Part 4):1993	Codes of practice for cultivation of aromatic plants: Part 4 Mentha arvensis (Japanese mint) and Mentha citrata (Bergamot-mint)	Dec 2010	
80	IS 13358(Part 5):1993	Codes of practice for cultivation of aromatic plants: Part 5 Mentha piperita (Peppermint) and Mentha spicata (Spearmint)	Dec 2010	
81	IS 14507:1998	Diphenyl Ether - Specification	Dec 2010	
82	IS 14508:1998	Oil of Jamrosa - Specification	Dec 2010	
83	IS 15068:2001	Oil of cardamom	May 2006	

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84	IS 15069:2001	Oil of cuminseed	May 2006
85	IS 15070:2001	Oil of black pepper	May 2006
86	IS 15135:2002	Oil of davana	Apr 2008
87	IS 15136:2002	Oil of Basil, Methyl chavicol type - Specification	Apr 2008
88	IS 15740:2007	Oil of rose	

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.PCD 18(2356)	Citronellol - Specification (fourth revision of IS 1801:1997)
2	DOC.PCD 18(2403)	Oil of ginger - Specification (second revision of IS 761)
3	DOC.PCD 18(2402)	Oil of Eacalyptus Globulus - Specification (third revision of IS 328)

DRAFT STANDARDS APPROVED FOR WIDE CIRCULATION

1	DOC.PCD 18(2401)	Essential Oils - General guidance on the determination of flash point
2	DOC.PCD 18(1650)	Oil of peppermint
3	DOC.PCD 18(2017)	Oil of kewra

ASPECT WISE REPORT

PRODUCT	59
METHODS OF TEST	22
CODE OF PRACTICES/GUIDES	5
TERMINOLOGY	1
OTHERS	1

TOTAL : 88

** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS*

PCD 19 Cosmetics Sectional Committee

SCOPE - To formulate Indian Standards for terminology, methods of sampling and tests, codes of practice and specifications for raw materials for cosmetics and toilet goods (excluding soaps) and for finished products.

LIAISON

To coordinate with the work of ISO/TC 217-Cosmetics

Sl. No. No. of	IS Number/ DOC Number	Title	Reaffirm	
			Date	Amd.
STANDARDS PUBLISHED				
1	IS 263:1990	Boric acid for cosmetic industry (fifth revision)	Jan 2005	
2	IS 918:1985	Specification for calcium carbonate for cosmetic industry (second revision)	Feb 2006	2
3	IS 1462:1985	Talc for cosmetic industry (third revision)	Feb 2006	4
4	IS 1463:1983	Kaolin for cosmetic industry (third revision)	Jan 2005	
5	IS 1767:1980	Dicalcium phosphate for dentifrice (second revision)	Feb 2006	2
6	IS 2519:1983	Calcium stearate for cosmetic industry (second revision)	Jan 2005	2
7	IS 2520:1984	Zinc stearate for cosmetic industry (second revision)	Jan 2005	1
8	IS 2521:1984	Magnesium stearate for cosmetic industry (second revision)	Jan 2005	2
9	IS 2528:1984	Magnesium carbonate for cosmetic industry (third revision)	Jan 2005	
10	IS 2529:1983	Magnesium oxide for cosmetic industry (second revision)	Jan 2005	
11	IS 2850:1983	Zinc oxide for cosmetic industry (second revision)	Jan 2005	1
12	IS 2851:1983	Titanium dioxide for cosmetic industry (second revision)	Jan 2005	1
13	** IS 3958:1984	Methods of sampling cosmetics (first revision)	Aug 2009	
14	IS 3959:2004	Skin powders (first revision)	Aug 2009	
15	** IS 3986:1988	Sodium lauryl sulphate for cosmetic industry (third revision)	Aug 2009	2
16	IS 3987:2006	Sorbitol solution (70 percent) (third revision)	Jan 2005	1

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
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17	IS 4011:1997	Methods of test for safety evaluation of cosmetics (second revision)	Aug 2009	1
18	IS 4028:1992	Beeswax, bleached for cosmetic industry (second revision)	Feb 2006	1
19	IS 4236:1999	Glyceryl monostearate for cosmetic industry (third revision)	Aug 2009	
20	IS 4652:1987	Ethyl p-hydroxybenzoate for cosmetic industry (second revision)	Jan 2005	1
21	IS 4653:1985	Methyl p-hydroxybenzoate for cosmetic industry (second revision)	Feb 2006	1
22	IS 4707(Part 1):2001	Classification for cosmetic raw materials and adjuncts, Part 1 Dyes, Colours and Pigments (second revision)	Feb 2006	1
23	IS 4707(Part 2):2009	Classification for cosmetic raw materials and adjuncts Part 2 List of raw materials generally not recognized as safe for use in cosmetics (second revision)		
24	IS 4887:1980	Petroleum jelly for cosmetic industry (first revision)	Feb 2006	
25	IS 5339:2004	Skin powder for infants (first revision)	Aug 2009	
26	IS 5340:1981	Lanolin, anhydrous for cosmetic industry (first revision)	Jan 2005	1
27	IS 5356:1983	iso-Propyl myristate for cosmetic industry (second revision)	Jan 2005	1
28	IS 5383:2006	Tooth powder (second revision)		
29	IS 6333:1985	Propyl p-hydroxybenzoate for cosmetic industry (second revision)	Feb 2006	1
30	IS 6334:1987	Butyl p-hydroxybenzoate for cosmetic industry (second revision)	Feb 2006	2
31	IS 6356:2001	Tooth paste (third revision)	Feb 2006	
32	IS 6608:2004	Skin cream (first revision)	Aug 2009	
33	** IS 7101:1994	Coconut diethanolamide for cosmetic industry (Second Revision)	Aug 2009	
34	IS 7123:1993	Hair oils (second revision)	Aug 2009	5
35	IS 7159:1984	Methods of test for henna powder (first revision)	Jan 2005	1

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

36	** IS 7299:1974	Mineral oil for cosmetic industry (first revision)	Aug 2009	4
37	IS 7669:1990	Shampoo, soap-based (first revision)	Aug 2009	3
38	IS 7679:1978	Hair cream (first revision)	Feb 2006	3
39	IS 7884:2004	Shampoo synthetic detergent based (first revision)	Aug 2009	1
40	IS 8481:2005	Oxidation, hair dyes, liquid and cream (third revision)		1
41	** IS 8482:1995	Cologne (first revision)	Aug 2009	2
42	IS 9245:1994	Nail polish (nail enamel) (First Revision)	Jan 2005	3
43	IS 9255:1995	After shave lotion (first revision)	Feb 2006	2
44	IS 9339:1988	Pomades and brilliantines (first revision)	Jan 2005	4
45	IS 9601:1980	Sodium silicate for cosmetic industry	Feb 2006	1
46	IS 9636:1988	Depilatories, chemical	Jan 2005	4
47	IS 9681:1980	Stearic acid for cosmetic industry	Feb 2006	2
48	IS 9740:1981	Shaving cream	Feb 2006	5
49	IS 9830:1988	Water-soluble sodium carboxymethyl cellulose for cosmetic industry	Jan 2005	1
50	IS 9831:1987	Sodium hydroxide for cosmetic industry (first revision)	Jan 2005	
51	IS 9832:2002	Cosmetic pencils (first revision)	Sep 2007	
52	IS 9875:1990	Lipstick (first revision)	Jan 2005	5
53	IS 10283:1982	Ethyl acetate for cosmetic industry	Feb 2006	
54	IS 10284:1982	Lipsalve	Jan 2005	3
55	IS 10301:1982	iso-Propyl alcohol for cosmetic industry	Jan 2005	

*** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED**
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

56	IS 10350:1999	Powder hair dyes (Second Revision)	Aug 2009	2
57	** IS 10377:1982	p-Phenylenediamine	Aug 2009	
58	** IS 10998:1984	Bindi (liquid)	Aug 2009	2
59	IS 10999:1999	Kumkum powder (First Revision)	Aug 2009	1
60	IS 11015:1984	Ammonium chloride for cosmetic industry	Jan 2005	
61	IS 11023:1984	Borax for cosmetic industry	Jan 2005	
62	IS 11142:1984	Henna powder	Jan 2005	2
63	IS 11375:1985	Groundnut oil for cosmetic industry	Feb 2006	1
64	IS 11376:1985	Sesame oil for cosmetic industry	Feb 2006	1
65	IS 11377:2001	Guidelines for hygienic manufacture of cosmetics (first revision)	Feb 2006	
66	IS 11470:1985	Coconut oil for cosmetic industry	Feb 2006	
67	IS 11486:1985	Castor oil for cosmetic industry	Feb 2006	2
68	IS 11487:1985	Sodium lauryl ether sulphate	Feb 2006	2
69	IS 12590:1988	Glycerine for cosmetic industry	Jan 2005	1
70	** IS 13965:1994	Coconut monoethanolamide for cosmetic industry	Jan 2005	1
71	IS 14137:1994	Cetyl alcohol for cosmetic industry	Jan 2005	
72	IS 14318:1996	Liquid foundation make-up	Aug 2009	3
73	IS 14648:2005	Methods of test - Microbiological examination of cosmetics and cosmetic raw materials (first revision)	Jan 2004	
74	** IS 14649:1999	Sindoor	Aug 2009	1
75	IS 15152:2002	Cold wax - Hair remover	Sep 2007	

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

76	IS 15153:2002	Face pack	Sep 2007
77	IS 15154:2002	Kajal	Sep 2007
78	IS 15205:2005	Oxidation Hair Dyes (Emulsion type) (first revision)	
79	IS 15467:2004	Glossary of terms - Cosmetics	Aug 2009
80	IS 15608:2005	Cream bleach	
81	IS 15735:2006	Herbal cosmetics - General guidelines	

FINALISED DRAFTS UNDER PRINT

1	DOC.PCD 19(2459)	Method of tests - Microbiological examination of cosmetics and cosmetic raw materials (second revision of IS 14648)
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DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.PCD 19(2418)	Amendment No. 1 to IS 4707(Pt `):2001 Classification for cosmetics raw materials and adjuncts Part 1 dyes, colours and pigments (second revision)
2	DOC.PCD 19(2419)	Amendment No. 3 to IS 4011:1997 Methods of test for safety evaluation of cosmetics (second revision)

P-DRAFT UNDER PREPARATION

1	DOC.PCD 19(2510)	Water for Cosmetics Formualation
2	DOC.PCD 19(2511)	Cocoamido Propyl Betaine

ASPECT WISE REPORT

PRODUCT	68
METHODS OF TEST	4
CODE OF PRACTICES/GUIDES	1
OTHERS	8

TOTAL : 81

*** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED**
/ INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

PCD 21 Plastics Containers Sectional Committee

SCOPE - a) Formulation of Indian Standards on rigid, semi-rigid and flexible plastic containers, closures and their methods of test.

b) To co-ordinate with the work of ISO/TC 122 (Plastic Packaging only) so far as it concerns its own scope of work.

c) To co-ordinate with the work of ISO/TC 61 'Plastics' so far as it concerns its own scope of work.

LIAISON

a)PCD 12 Plastics

Sl. No. No. of	IS Number/ DOC Number	Title	Reaffirm	
			Date	Amd.
STANDARDS PUBLISHED				
1	IS 2798:1998	Methods of test for plastics containers (first revision)	Dec 2008	2
2	IS 6312:1994	Polyethylene containers for the transport of materials - Specification (Second Revision)	Jul 2010	1
3	IS 6604:1991	Code for packaging of solid pesticides (up to 1000 g) (first revision)	Jun 2007	
4	IS 7019:1998	Glossary of terms in plastics and flexible packaging, excluding paper (second revision)	Dec 2008	
5	IS 7394:1984	Plastics containers for reserve fuel (first revision)	Jul 2010	1
6	IS 7408(Part 1):2000	Blow moulded polyolefin containers Part 1 Up to 5 litres capacity (second revision)	Jul 2010	1
7	IS 7408(Part 2):2000	Blow moulded polyolefin containers Part 2 Over 5 litres up to and including 60 litres capacity (first revision)	Jul 2010	1
8	IS 7408(Part 3):2000	Blow moulded polyolefin containers Part 3 Closed head containers over 60 litres, up to and including 250 litres capacity (first revision)	Jul 2010	1
9	IS 7792:1975	Code of practice for handling plastics containers	Dec 2008	1
10	** IS 7803(Part 1):1975	Polyethylene containers for pharmaceutical use Part I Other than parenteral and ophthalmic preparations	Dec 2008	2
11	IS 7803(Part 2):1975	Plastic containers for pharmaceutical use Part II Parenteral and ophthalmic preparations	Dec 2008	1
12	IS 7959:1987	Polyethylene containers for foam compounds (first revision)	Dec 2008	1

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

13	IS 8688:2004	Plastics bottles for potable water - Specification (second revision)	Jul 2010	
14	IS 8747:1977	Methods of tests for environmental stress-crack resistance of blow-moulded polyethylene containers	Jul 2010	
15	** IS 9220:1979	Tableware made of melamine plastics	Sep 2008	
16	IS 9738:2004	Polyethylene bags for general purposes (second revision)	Jul 2010	
17	IS 9754:1981	High density polyethylene containers for packing of liquid pesticides (up to 1litre capacity)	Dec 2008	3
18	IS 10840:1994	Blow moulded HDPE containers for packing of vanaspati (second revision)	Jul 2010	3
19	IS 11342:1994 / ISO 6591-2:1985	Packaging - Sacks made from thermoplastic films - Description and method of measurement (first revision)	Jul 2010	
20	IS 11343:1994 / ISO 6590-2:1986	Packaging - Sacks made from thermoplastic films - Vocabulary (first revision)	Jul 2010	
21	IS 11352:1998	Flexible pouches for the packing of vanaspati upto 5 kg or 5 litres - Specification (second revision)	Dec 2008	1
22	** IS 11584:1986	High density polyethylene (HDPE) crates for milk satchets	Dec 2008	4
23	* IS 11805:2007	Polyethylene pouches for packaging liquid milk (second revision)		
24	IS 12007:1987	Laminated collapsible tubes	Jun 2007	1
25	IS 12395:1988	Disposable trash bags of plastics	Dec 2008	2
26	IS 12512:1989	HDPE containers - for liquid pesticides - capacity over 1 and upto 5 litres	Jul 2010	2
27	IS 12724:2004	Flexible pouches for packing of refined edible oils upto 5 kg or 5 litre	Jul 2010	
28	IS 12787:1989	Polyethylene air bubble film	Jul 2010	1
29	IS 12883:1989	Polyvinyl chloride (PVC) bottles for edible oils	Jul 2010	2
30	IS 12887:1989	Polyethylene terephthalate (PET) bottles for packaging of edible oils	Dec 2008	3
31	IS 13123:2000	Packing of liquid pesticides - Polyethylene terephthalate (PET) bottles (up to 5 litres capacity) (first revision)	Jul 2010	1

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

32	IS 13289:1993	Polypropylene/Impact copolymer (PPCP) crates for milk satchets	Dec 2008	1
33	IS 14129:1994	Flexible packaging materials for the packing of vanaspati in 10 kg and 15 kg packs	Jul 2010	1
34	IS 14537:1998	Polyethylene terephthalate (PET) bottles for packaging of alcoholic liquor	Dec 2008	
35	IS 14625:1999	Plastics feeding bottles	Jul 2010	3
36	IS 14636:1998	Flexible packaging materials for packaging of edible oils, ghee and vanaspati	Dec 2008	1
37	IS 14764:2000	Polyethylene terephthalate (PET) containers for packaging of vanaspati specification	Jul 2010	
38	IS 15410:2003	Plastic bottle containers for packaging of natural mineral water and packaged drinking water - Specification	Dec 2008	3
39	IS 15473:2004	Blow moulded HDPE containers for packaging of edible oil - Specification	Jul 2010	
40	IS 15532:2004	Plastic crates for fruits and vegetables - Specification	Jul 2010	
41	IS 15609:2005	Polyethylene flexible pouches for the packing of natural mineral water and packaged drinking water - Specification	Jul 2010	
42	IS 15749:2007	Fluorinated HDPE Bottles and Containers - Specification		

ASPECT WISE REPORT

PRODUCT	36
METHODS OF TEST	2
CODE OF PRACTICES/GUIDES	2
TERMINOLOGY	1
OTHERS	1

TOTAL : 42

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
 / INDICATES DUAL NUMBER STANDARDS | INDICATES EQUIVALENT STANDARDS

ANNEX 1
STANDARDS WITHDRAWN / SUPERSEDED

Sl. No.	Committee No.	IS No./ DOC Number	Title
1	9	IS 213:1968	Coal-based naphtha (first revision) (superseding IS 214:1956 and IS 1272:1958)_(withdrawn)
2	9	IS 214:1958	Coal tar solvent naphtha, heavy (withdrawn)
3	1	IS 310(Part 2):1954	Methods of sampling and test for lubricants:Part II (superseded by IS 1447 and IS 1448)
4	3	IS 311:1951	Oil, cylinder, pure mineral, ordinary (superseded by IS 1589)
5	3	IS 312:1951	Oil, cylinder, compounded, ordinary (superseded by IS 1589)
6	3	IS 313:1951	Oil, cylinder, pure mineral, super heat (superseded by IS 1589)
7	3	IS 314:1951	Oil, cylinder, compounded, super heat (superseded by IS 1589)
8	3	IS 315:1951	Oil, cylinder, pure mineral, filtered (superseded by IS 1589)
9	3	IS 316:1951	Oil, cylinder, compounded, filtered (superseded by IS 1589)
10	3	IS 317:1970	Automotive hydraulic brake fluid moderate duty (second revision) (superseded by IS 8654)
11	9	IS 322:1952	Power alcohol (Withdrawn)
12	18	IS 326:1984	Methods of sampling and test for natural and synthetic perfumery materials (first revision) (superseded by IS 326 Part 1 to Part 21)
13	9	IS 358:1964	Benzole, industrial (revised) (withdrawn)
14	9	IS 359:1965	Specification for Xylole, Industrial Solvent Grade (first revision)
15	9	IS 387:1954	Wood naphtha as a denaturing material (Superseded by IS 4117)
16	3	IS 409:1952	Grease, S. No. 3 (Withdrawn)
17	12	IS 425:1953	Shellac adhesive for steam flange joints
18	13	IS 445:1964	Water hose of rubber, high pressure with woven reinforcement (revised) (superseded by IS 444)
19	3	IS 496:1982	Specification for automotive internal combustion engine lubricating oils (fourth revision) (Superseded by IS 13656:1993)
20	3	IS 509:1953	Grease, L No. 4 (Withdrawn)
21	9	IS 518:1954	Methyl acetone (withdrawn)

Sl. No.	Committee No.	IS No./ DOC Number	Title
22	18	IS 527:1954	Rectified oil of camphor (withdrawn)
23	9	IS 535:1955	Benzene, pure, nitration grade(withdrawn)
24	9	IS 716:1987	Pentachlorophenol (second revision) (Withdrawn)
25	3	IS 721:1955	Grease, S. soft, loco (superseded by IS 720)
26	13	IS 911:1968	Air hose of rubber with braided textile reinforcement (second revision) (superseded by IS 911)
27	13	IS 912:1963	Braided air hose of rubber, light duty (revised) (superseded by IS 911)
28	13	IS 913:1968	Water hose of rubber with braided textile reinforcement (second revision) (superseded by IS 444)
29	13	IS 914:1963	Braided water hose of rubber, low pressure (revised) (superseded by IS 913)
30	3	IS 1002:1956	Multipurpose grease, No. 1, No. 2 and No. 3) (superseded by IS 7623)
31	6	IS 1214:1978	Methods for testing tar and bituminous materials; Determination of matter insoluble in benzene (first revision) (withdrawn)
32	9	IS 1272:1958	Coal tar solvent naphtha, light Grade 2 (Superseded by IS 213)
33	3	IS 1276:1958	Grease, S. No. 2 (superseded by IS 719)
34	3	IS 1277:1987	Specification for gear lubricant, regular (second revision) (withdrawn)
35	7	IS 1351:1959	Methods of test for coal & coke ultimates analysis [superseded by IS 1350(Part IV/Sec 1 and Sec 2)]
36	7	IS 1352:1959	Methods of test for coal and coke ultimate analysis [superseded by IS 1350(PartV)]
37	16	IS 1421:1964	Specification for cellulose nitrate coated fabrics (revised) (Withdrawn)
38	1	IS 1448(Part 35):1960	Methods of test for petroleum and its products: Part 35 Sulphur by Quartz tube method
39	1	IS 1448(Part 37):1967	Tetraethyl lead (TEL) by chlorate oxidation method (first revision) (Withdrawn)
40	1	IS 1448(Part 38):1982	Methods of test for petroleum and its products: Part 38 Determination of lead antiknock compound in gasoline by gravimetric method
41	1	IS 1448(Part 48):1972	Methods of test for petroleum and its products: Part 48 Olefins and aromatic content (first revision) (withdrawn)
42	1	IS 1448(Part 49):1962	Thermal stability of aviation turbine fuels

Sl. No.	Committee No.	IS No./ DOC Number	Title
43	1	IS 1448(Part 63):1967	Methods of test for petroleum and its products: Part 63 Benzene and toluene by ultra-violet spectrophotometry (withdrawn)
44	1	IS 1448(Part 77):1971	Methods of test for petroleum and its products: Part 77 Metallic constituents of lubricating oils, chemical method
45	1	IS 1448(Part 88):1979	Methods of test for petroleum and its products: Part 88 Engine test method for evaluation of detergency characteristics of internal combustion engine crankcase oils (withdrawn)
46	1	IS 1448(Part 108):1982	Methods of test for petroleum and its products: Part 108 Apparent viscosity of engine oil at low temperature using the cold-cranking simulator
47	1	IS 1448(Part 117):1984	Methods of test for petroleum and its products: Part 117 Determination of lead content in gasoline by volumetric chromate method
48	23	IS 1465:1964	Methods of test for plastic buttons (thermosetting) (revised) [superseded by IS 8543(Part XIII/Sec I)]
49	3	IS 1558:1960	Vaporising oil (withdrawn)
50	3	IS 1585:1960	Motor gasoline, 79 octane (superseded by IS
51	3	IS 1588:1967	Aviation turbine fuels, wide cut gasoline type (first revision) (withdrawn)
52	18	IS 1614:1960	Oil of vetiver roots (cultivated) (amalgamated in IS 1177)
53	18	IS 1616:1960	Oil of spike lavender (withdrawn)
54	18	IS 1617:1960	Oil of lavandin (withdrawn)
55	18	IS 1618:1960	Lavender French (Withdrawn)
56	3	IS 1674:1960	Specification for temporary corrosion preventive fluid, soft film, solvent deposited (withdrawn) (superseded by IS 1154:2000)
57	3	IS 1839:1961	Toluene, Regent Grade
58	3	IS 1840:1961	Benzene, Regent Grade
59	12	IS 2038:1962	Fabric base thermosetting synthetic resin bonded laminated sheets (superseded by IS 2036)
60	12	IS 2213:1962	Methods of sampling of thermosetting moulding materials (withdrawn)
61	20	IS 2256:1972	Ammonium sulphate nitrate (Withdrawn)
62	13	IS 2410:1963	Suction hose of rubber for fire services (withdrawn)
63	3	IS 2660:1964	Specification for oil, cylinder grade 4 (with amendment no. 1) (Superseded by IS 1589:1994)

Sl. No.	Committee No.	IS No./ DOC Number	Title
64	12	IS 2880:1986	Pressure sensitive adhesive cellulose tapes (third revision) (Superseded by IS 13262:1992)
65	18	IS 3226:1965	Oil of bergamot (Withdrawn)
66	18	IS 3227:1965	Oil of bois de rose (Withdrawn)
67	18	IS 3249:1965	Oil of rosemary (Withdrawn)
68	12	IS 3371:1980	Di-n-butyl phthalate (first revision) (superseded by IS 14421:1997)
69	13	IS 3418:1968	Oil and solvent-resistant hose of rubber with braided textile reinforcement (first revision) (Superseded by IS 635:1982)
70	3	IS 3433:1965	Oil, Mineral Colza (withdrawn)
71	15	IS 3465:1966	Jointing compound for use in LPG appliances and installations (withdrawn)
72	18	IS 3533:1965	Oil of linaloe berries (Withdrawn)
73	13	IS 3557:1965	Air hose of rubber, heavy duty, with woven reinforcement (superseded by IS 446)
74	13	IS 3572:1968	Welding hose of rubber with braided textile reinforcement (first revision) (superseded by IS
75	14	IS 3660(Part 3):1971	Methods of test for natural rubber: Part III Plasticity and plasticity retention index [Superseded by IS 3660(Part 11):1989 and IS
76	14	IS 3660(Part 51):1972	Method of test for natural rubber: Part 51 Determination of ash, total copper, manganese, rubber, hydrocarbon, viscosity (Shearing disk viscometer), and mixing and vulcanizing of rubber in standard compound (First Revision)
77	14	IS 3660(Part 52):1968	Method of test for natural rubber: Part 52 Determination of solvent extract and nitrogen
78	14	IS 3660(Part 54):1979	Method of test for natural rubber: Part 54 Determination of colour, accelerated storage-hardening test and vulcanization characteristics (MOD test)
79	12	IS 3672:1980	Di-Octyl phthalate plasticizer (first revision) (superseded by IS 14421:1997)
80	12	IS 3676:1986	Pressure sensitive adhesive PVC tapes (second revision) (Superseded by IS 13262:1992)
81	13	IS 3708(Part 12):1966	Methods of test for natural rubber latex: Part I Determination of volatile fatty acid number, total nitrogen, total copper, total iron, total manganese, total ash (Withdrawn)

Sl. No.	Committee No.	IS No./ DOC Number	Title
82	13	IS 3708(Part 13):1968	Methods of test for natural rubber latex: Part II Determination of boric acid and magnesium (Withdrawn)
83	18	IS 4271:1967	Coumarin (Withdrawn)
84	14	IS 4511(Part 7):1967	Methods of test for styrene-butadiene rubber (SBR) latices: Part I Determination of dry polymer, total solids, density, residual styrene, bound styrene and soap content (Withdrawn)
85	7	IS 4836:1968	Foundary coke (superseded by IS 439)
86	7	IS 5018:1968	Classification of hard coals by type (superseded by IS 770)
87	12	IS 5025:1985	Gum Karaya (second revision) (withdrawn)
88	13	IS 5132:1969	Hose reel tubing for fire fighting (withdrawn)
89	13	IS 5166:1969	Cement grouting hose of rubber with graded textile reinforcement (Superseded by IS
90	12	IS 5174:1969	Landing mats (superseded by IS 10831)
91	13	IS 5188:1985	Specification for cold polymerized oil extended raw styrene-butadiene rubber (first revision)
92	3	IS 536:1968	Toluole, industrial (first revision)
93	20	IS 5407:1969	Ammonium phosphate sulphate granular (Withdrawn)
94	20	IS 5408:1969	Fused calcium magnesium phosphate (withdrawn)
95	7	IS 5615:1970	Gas coke (superseded by IS 439)
96	13	IS 5783:1970	Rubber ward-dressing and Porter's gloves (withdrawn)
97	18	IS 5808:1970	Linalool (Withdrawn)
98	13	IS 5937:1970	Hot water hose of rubber with braided textile reinforcement (superseded by IS 5821)
99	3	IS 6048:1970	Specification for temporary corrosion preventive, soft film, hot dipping type (withdrawn, superseded by IS 958:2000)
100	7	IS 6372:1971	Coke for ferro-alloys (superseded by IS 439)
101	16	IS 6407:1971	Rubber aprons for hospital use (withdrawn)
102	13	IS 6417:1972	Rubber sand blast hose with woven textile reinforcement (superseded by IS 5894)
103	18	IS 6617:1972	Oil of mandarin orange, cold pressed (withdrawn)
104	12	IS 6627:1980	Dimethyl phthalate plasticizer (first revision) (superseded by IS 14421:1997)

Sl. No.	Committee No.	IS No./ DOC Number	Title
105	3	IS 7029:1973	Code of practice for inhibition of internal combustion engine coolant water (with amendment no. 1) (withdrawn)
106	7	IS 7189:1974	Blast furnace coke (superseded by IS 439)
107	7	IS 7221:1974	Methods of determining the moisture holding capacity in hard coals (withdrawn)
108	12	IS 7277:1974	Code of practice for safe use of polyethylene in contact with foodstuffs, pharmaceutical and drinking water (Withdrawn, superseded by IS 10141 and IS 10146)
109	12	IS 7288:1974	Code of practice for safe use of polyvinyl chloride (PVC) and its copolymers in contact with foodstuffs, pharmaceuticals and drinking water (withdrawn) (superseded by IS 10148 and IS
110	13	IS 7450:1974	Vulcanized styrene butadiene rubber (SBR) based compounds (withdrawn)
111	21	IS 7551:1975	Method of test for compatibility of plastics
112	3	IS 7574:1975	Emergency specification for kerosene (alternative to IS 1459:1974) (withdrawn)
113	3	IS 7575:1975	Emergency specification for diesel fuels (alternative to IS 1460:1974) (withdrawn)
114	18	IS 7695:1978	Linalool, Synthetic (Withdrawn)
115	12	IS 7961:1976	Code of practice for safe use of styrene polymers in contact with foodstuffs, pharmaceuticals and drinking water (Superseded by IS 10142 & IS
116	13	IS 8219:1976	Synthetic red oxide of iron for rubber industry (excluding venetian red) (Superseded by IS 1684:1994)
117	12	IS 8230:1976	Steel filled epoxy resin based adhesives
118	23	IS 8543(Part 1/Sec 2):2000	Methods of testing plastics Part I Characterization of polymers structure and size Section 2 Determination of density of solid plastics [Superseding by IS 13360(Part 3/Sec 1):1995]
119	23	IS 8543(Part 2/Sec 1):1977	Methods of testing plastics Part II Testing of materials before moulding Section I Determination of apparent density of moulding materials that can be poured from a funnel
120	23	IS 8543(Part 2/Sec 3):1977	Methods of testing plastics Part II Testing of materials before moulding Section 3 Determination of bulk factor of moulding materials [Superseded by IS 13360(Part 3/Sec

Sl. No.	Committe No.	IS No./ DOC Number	Title
121	23	IS 8543(Part 3/Sec 1):1977	Methods of testing plastics Part III Preparation of test specimens Section 1 Compression moulded test specimens [Superseded by IS 13360(Part 2/Sec 1):1992 and IS 13360(Part 2/Sec 2):1995]
122	23	IS 8543(Part 11/Sec 2):1977	Methods of testing plastics Part II Testing of materials before moulding, Section 2 Determination of apparent density of moulding materials that cannot be poured from a funnel
123	3	IS 9048:1982	Specification for re-refined automotive internal combustion engine lubricating oils (first revision) (with amendment no. 1 & 2) (Superseded by IS 13656:1993)
124	12	IS 9572:1980	Benzyl butyl phthalate plasticizer (superseded by IS 14421:1997)
125	20	IS 9747:1981	Anhydrous ammonia as fertilizer material (Withdrawn)
126	18	IS 9784:1981	Tejpat leaf oil (withdrawn)
127	12	IS 9849:1981	Guide for selection of toys for different age groups of children
128	3	IS 10356:1982	Specification for automotive internal combustion engine lubricating oils from base stocks of mixed crude (Superseded by IS 13656:1993)
129	12	IS 11310:1985	Babul gum (withdrawn)
130	15	IS 11856:1986	Adhesive caulking compound, bitumen based (withdrawn)
131	21	IS 12265:1987	Flexible packs for the packing of edible oils (withdrawn) (superseded by IS 12724:1989)
132	13	IS 12814:1989	Ventilation ducting - Vinyl coated, semi-rigid (superseded by IS 3768:1996)
133	7	IS 15439:2004	Hard coal -Determination of oxygen content
134	7	IS 15440:2004	Coal - Sampling of pulverized coal conveyed by gases in direct fixed coal systems

ANNEX II

LIST OF BILINGUAL / HINDI STANDARDS

Indian Standards in Hindi

1. IS 3584:2007 Camphor (second revision)
2. IS 4576:1999 Liquefied petroleum gases - Specification (second revision)
3. IS 9740:1981 Shaving cream
4. IS 11142:1984 Henna powder
5. IS 11352:1998 Flexible pouches for the packing of vanaspati upto 5 kg or 5 litres - Specification (second revision)
5. IS 10228:1982 Specification for school bag

Bilingual Indian Standards

1. IS 10908:1991 Flexible rubber tubing for liquefied petroleum gas (first revision)
2. IS 14847:2000 Lithium complex grease
3. IS 14861:2000 Liquefied petroleum gases (LPG) for automotive purposes

ANNEX III

BUREAU OF INDIAN STANDARDS**List of IS No. Covered Under BIS Certification Marks Scheme Under 'PCD'****(IS Wise)****DATE : 07/06/2011**

S No	IS No	Comm No.	Title	No. of Lic
1	IS 245 : 1988	PCD 9	TRICHLOROETHYLENE, TECHNICAL	1
2	IS 444 : 1987	PCD 13	GENERAL PURPOSE RUBBER WATER HOSE (FOURTH REVISION) (SUPERSEDING IS 445 : 1964 AND IS 913 : 1968)	16
3	IS 446 : 1987	PCD 13	RUBBER AIR HOSE	7
4	IS 447 : 1988	PCD 13	RUBBER HOSE FOR WELDING	30
5	IS 539 : 1974	PCD 9	NAPHTHALENE	6
6	IS 636 : 1988	PCD 13	NON-PERCOLATING FLEXIBLE FIRE FIGHTING DELIVERY HOSE (THIRD REVISION)	15
7	IS 638 : 1979	PCD 13	SHEET RUBBER JOINTING AND RUBBER INSERTION JOINTING	5
8	IS 702 : 1988	PCD 6	INDUSTRIAL BITUMEN	5
9	IS 1741 : 1960	PCD 13	LATEX FOAM RUBBER PRODUCTS	15
10	IS 2036 : 1995	PCD 12	PHENOLIC LAMINATED SHEETS -	2
11	IS 2046 : 1995	PCD 12	DECORATIVE THERMOSETTING SYNTHETIC RESIN BONDED LAMINATED SHEETS -	54
12	IS 2089 : 1977	PCD 13	COMMON PROOFED CANVAS/DUCK AND PAULINS (TARPAULINS)	4
13	IS 2257 : 1989	PCD 12	PAPER ADHESIVES, LIQUID GUM AND OFFICE PASTE TYPE-	1
14	IS 2396 : 1988	PCD 13	RUBBER HOSE FOR FUEL DISPENSING	1
15	IS 2508 : 1984	PCD 12	LOW DENSITY POLYETHYLENE FILMS	8
16	IS 3389 : 1994	PCD 12	UREA-FORMALDEHYDE MOULDING MATERIALS -	1
17	IS 3470 : 2002	PCD 3	HEXANE, FOOD GRADE -	2
18	IS 3549 : 1983	PCD 13	WATER SUCTION AND DISCHARGE HOSE OF RUBBER, HEAVY DUTY (COVERS IS 2410 : 1963 ALSO)	5
19	IS 4135 : 1974	PCD 13	HOSPITAL RUBBER SHEETINGS	4
20	IS 4148 : 1989	PCD 13	SURGICAL RUBBER GLOVES -	15
21	IS 4355 : 1977	PCD 13	FIRE-RESISTANT BRATTICE CLOTH	6
22	IS 4588 : 1986	PCD 13	RUBBER, RAW, NATURAL	9
23	IS 4654 : 1993	PCD 3	PARAFFIN WAX -	2
24	IS 5382 : 1985	PCD 13	RUBBER SEALING RINGS FOR GAS MAINS, WATER MAINS AND SEWERS	44
25	IS 5430 : 1981	PCD 13	AMMONIA PRESERVED CONCENTRATED NATURAL RUBBER LATEX	45
26	IS 5759 : 1994	PCD 4	ANTIFREEZE COOLANT -	1
27	IS 5894 : 1980	PCD 13	RUBBER HOSE FOR SAND BLASTING	1
28	IS 5915 : 1970	PCD 13	SINGLE TEXTURE RUBBERIZED WATERPROOF FABRICS	1
29	IS 6608 : 2004	PCD 19	SKIN CREAMS	1
30	IS 6803 : 1972	PCD 13	SPECIAL PROOFED CANVAS AND DUCK	6
31	IS 7466 : 1994	PCD 13	RUBBER GASKETS FOR PRESSURE COOKERS -	25
32	IS 7933 : 1975	PCD 12	FLEXIBLE POLYURETHANE FOAM FOR DOMESTIC MATTRESSES	10
33	IS 8249 : 1994	PCD 20	ZINC SULPHATE HEPTAHYDRATE, AGRICULTURAL GRADE -	46
34	IS 8654 : 2001	PCD 4	AUTOMOTIVE HYDRAULIC BRAKE FLUID, HEAVY DUTY	1
35	IS 8887 : 2004	PCD 6	BITUMEN EMULSION FOR ROADS (CATIONIC TYPE)	21

<u>S No</u>	<u>IS No</u>	<u>Comm No.</u>	<u>Title</u>	<u>No. of Lic</u>
36	IS 9573 : 1998	PCD 13	RUBBER HOSE FOR LIQUEFIED PETROLEUM GAS (LPG) -	27
37	IS 10228 : 1982	PCD 13	SCHOOL BAG	1
38	IS 10350 : 1999	PCD 19	POWDER HAIR DYES -	4
39	IS 10647 : 1983	PCD 4	WHEEL BEARING GREASE	1
40	IS 10733 : 1983	PCD 13	ELECTRICALLY BONDED ROAD AND RAIL TANKER HOSE OF RUBBER, RESISTANT TO PETROLEUM PRODUCTS	1
41	IS 10908 : 1991	PCD 13	FLEXIBLE RUBBER TUBING FOR LIQUEFIED PETROLEUM GAS -	22
42	IS 12585 : 1988	PCD 13	THERMOPLASTIC HOSES (TEXTILE REINFORCED) FOR WATER - GENERAL PURPOSE	3
43	IS 13422 : 1992	PCD 13	DISPOSABLE SURGICAL RUBBER GLOVES -	16
44	IS 14182 : 1994	PCD 12	SOLVENT CEMENT FOR USE WITH UNPLASTICIZED POLYVINYLCHLORIDE PLASTIC PIPE AND FITTINGS	14
45	IS 14611 : 1998	PCD 13	MULTILAYERED CROSS LAMINATED SHEETS AND TARPAULINS/COVERS -	1
46	IS 14625 : 1999	PCD 21	PLASTICS FEEDING BOTTLES	25
47	IS 14982 : 2001	PCD 6	ANTI-STRIPING AGENTS (AMINE TYPE) -	2
48	IS 15354 : 2003	PCD 13	SINGLE-USE RUBBER EXAMINATION GLOVES -	1
49	IS 15410 : 2003	PCD 21	CONTAINERS FOR PACKAGING OF NATURAL MINERAL WATER AND PACKAGED DRINKING WATER -	2
50	IS 15462 : 2004	PCD 6	POLYMER AND RUBBER MODIFIED BITUMEN -	5
51	IS 15477 : 2004	PCD 12	ADHESIVES FOR USE WITH CERAMIC TILES AND MOSAICS	9
52	IS 15559 : 2004	PCD 12	POLYESTER STRAPPING -	2
TOTAL				552

*** END OF REPORT ***

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