

FAD 1 PESTICIDES AND PESTICIDES RESIDUE ANALYSIS

- SCOPE**
- A) Pesticides, pesticidal formulations, and other items relating to pest control including safety
 - B) Biopesticides
 - C) Plant growth regulators
 - D) Methods of tests for estimating the residues of different pesticides in various agricultural and food products
 - E) Liaison with ISO/TC 81 Common names for pesticides and other agrochemicals

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 563:1973	DDT Technical (second revision)	May	1
2	IS 565:1984	DDT water dispersible powder concentrates (third revision) (for public health use only)	May	2
3	IS 632:1978	GAMMA - BHC (Lindane) emulsifiable concentrates (fourth revision)	May	2
4	IS 633:1985	DDT emulsifiable concentrates (second revision)	Jul 2001	2
5	IS 634:1965	Ethylene dichloride carbon tetrachloride mixture (3:1 v/v) (revised)	May	
6	IS 882:1984	Lindane (first revision)	Sep 2004	1
7	IS 885:1994	Common names for pesticides (second revision)	Sep 2004	
8	ISO 1750:1981 IS 1050:1984	Lime sulphur solution (first revision)	Sep 2004	
9	IS 1051:1980	Pyrethrum extracts (second revision)	May	4
10	IS 1055:1984	Nicotine sulphate solution (first revision) (Pesticide recommended for export only)	Sep 2004	1
11	IS 1251:1988	Zinc phosphide, technical (third revision)	Sep 2004	
12	IS 1312:1980	Methyl bromide (second revision)	Sep 2004	1
13	IS 1486:1978	Copper oxychloride, technical (second revision)	May	
14	IS 1488:1989	2, 4-D Sodium, salt technical (third revision)	Sep 2004	1
15	IS 1506:1977	Copper oxychloride dusting powder (second	May	
16	IS 1507:1977	Copper oxychloride water dispersible powder concentrates (second revision)	May	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

17	IS 1665:1977	Cuprous oxide water dispersible powder concentrates (first revision)	May	
18	IS 1669:1960	Cuprous oxide dusting powders	May	5
19	IS 1682:1973	Cuprous oxide, technical (fungicidal grade) (first revision)	May	
20	IS 1824:1978	Insecticidal space spray (second revision)	May	5
21	IS 1827:1989	Dimethyl amine SL salts of 2, 4-D (second	Sep 2004	1
22	IS 1832:1978	Malathion, technical (first revision)	May	2
23	IS 1833:1980	Diazinon, technical (first revision)	May	
24	IS 2127:1984	Stabilized methoxy ethyl mercury chloride (MEMC) concentrate (first revision)	Sep 2004	1
25	IS 2358:1984	Formulation based on stabilized methoxy ethyl mercury chloride (MEMC) concentrate (first	Sep 2004	1
26	IS 2567:1978	Malathion emulsifiable concentrates (second	May	2
27	IS 2568:1978	Malathion dusting powders (second revision)	May	2
28	IS 2569:1978	Malathion water dispersible powder concentrates (second revision)	May	4
29	IS 2570:1980	Methyl parathion, technical (first revision)	May	2
30	IS 2861:1980	Diazinon emulsifiable concentrates (first revision)	May	2
31	IS 2862:1984	Diazinon water dispersible powder concentrates (first revision)	Sep 2004	2
32	IS 2865:1978	Methyl parathion emulsifiable concentrates (first revision)	May	6
33	IS 3284:1984	Organo mercurial dry seed dressing formulations (first revision) (for export only)	Sep 2004	2
34	IS 3383:1982	Wettable sulphur powder (second revision)	Sep 2004	2
35	IS 3898:1981	Zineb, technical (first revision)	May	1
36	IS 3899:1981	Zineb water dispersible powders (first revision)	May	2
37	IS 3900:1975	Ziram, technical (first revision)	May	

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/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

38	IS 3901:1975	Ziram water dispersible powder (first revision)	May	2
39	IS 3902:1975	Dimethoate technical (first revision)	Sep 2004	3
40	IS 3903:1984	Dimethoate emulsifiable concentrates (second	Sep 2004	3
41	IS 3904:1966	Thiometon concentrates	May	1
42	IS 3905:1966	Thiometon emulsifiable concentrates	May	5
43	IS 4015:1998	Guide for handling cases of pesticide poisoning	Apr 2003	
44	IS 4320:1982	Thiram technical (first revision)	May	
45	IS 4321:1989	2, 4-D Technical (second revision)	Sep 2004	1
46	IS 4322:1967	Endosulfan dusting powders	May	4
47	IS 4323:1980	Endosulfan emulsifiable concentrates (first	May	2
48	IS 4324:1967	Endosulfan water dispersible powder concentrates	May	5
49	IS 4344:1978	Endosulfan, technical (first revision)	May	1
50	IS 4766:1982	Thiram water dispersible powder (first revision)	Sep 2004	3
51	IS 4783:1982	Thiram seed dressing formulations (first revision)	Sep 2004	2
52	IS 4808:1982	Pyrethrum emulsifiable concentrates (first	Sep 2004	2
53	IS 4929:1978	Dichlorvos, technical (first revision)	May	3
54	IS 4958:2005	Phosphamidon, technical - Specification		1
55	IS 5277:1978	Dichlorvos emulsifiable concentrates (first	May	5
56	IS 5278:1969	Dicofol, technical	May	
57	IS 5279:1969	Dicofol emulsifiable concentrates	May	3
58	IS 5280:1969	Fenitrothion, technical	May	1

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/ INDICATES EQUIVALENT STANDARDS

59	IS 5281:1979	Fenitrothion, emulsifiable concentrates (first	May	1
60	IS 5549:1970	Warfarin bait concentrates	May	4
61	IS 5551:1970	Warfarin sodium, technical	May	
62	IS 5552:1970	Warfarin, technical	May	
63	IS 5863:1985	Method for determination malathion residues in food commodities (first revision)	Mar 2000	1
64	IS 5864:1983	Methods for determination of DDT residues in food commodities (first revision)	Sep 2004	
65	IS 5952:1970	Methods of test for the estimation of parathion residues (to be withdrawn)	Sep 2004	
66	IS 6014:1978	Emulsifiable larvicidal oil, pyrethrum based (first revision)	May	5
67	IS 6169:1983	Methods for determination of BHC, (HCH) residue in food commodities (first revision)	Sep 2004	
68	IS 6177:2005	Phosphamidon soluble liquid - Specification		
69	IS 6178:1982	Pyrethrum dusting powders (first revision)	Sep 2004	1
70	IS 6438:1980	Aluminium phosphide formulation (first revision)	Sep 2004	3
71	IS 6444:1979	Sulphur dusting powder (first revision)	May	
72	IS 6940:1982	Methods of test for pesticides and their formulations (first revision)	May	2
73	IS 7121:1973	Carbaryl water dispersible powder concentrate	Sep 2004	4
74	IS 7122:1984	Carbaryl dusting powders (first revision)	May	1
75	IS 7126:1973	Fenitrothion dusting powders	May	1
76	IS 7168:1973	Warfarin sodium salt water soluble powder	May	2
77	IS 7233:1991	2, 4-D Ethyl ester, technical (second revision)	Sep 2004	
78	IS 7539:1975	Carbaryl technical	May	4
79	IS 7943:1976	Trichlorfon dusting powders	May	1

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80	IS 7945:1976	Trichlorfon, technical	May	
81	IS 7948:1987	Fenthion emulsifiable concentrates (first revision)	May	3
82	IS 7950:1989	Fenthion, technical (first revision)	May	
83	IS 7976:1976	Phorate, technical	May	
84	IS 8024:1976	Formothion, technical solution	May	1
85	IS 8025:1990	Monocrotophos, technical (second revision)	Jul 2001	
86	IS 8026:1987	Formothion emulsifiable concentrate (first revision)	Nov	1
87	IS 8027:1976	Propanil emulsifiable concentrates	May	1
88	IS 8028:1987	Quinalphos emulsifiable concentrate (first revision)	May	2
89	IS 8029:1985	Quinalphos dusting powders (first revision)	May	2
90	IS 8071:1976	Propanil, technical	May	
91	IS 8072:1984	Quinalphos, technical (first revision)	Jul 2001	3
92	IS 8074:1990	Monocrotophos SL (second revision)	Jul 2001	2
93	IS 8190(Part 1):1988	Requirement for packing of pesticides: Part 1 Solid pesticides (second revision)	Sep 2004	5
94	IS 8190(Part 2):1988	Requirement for packing of pesticides: Part 2 Liquid pesticides (second revision)	Sep 2004	4
95	IS 8190(Part 3):1979	Requirement for packing of pesticides: Part 3 Household pesticides	Sep 2004	2
96	IS 8190(Part 4):1988	Requirement for packing of pesticides: Part 4 Fumigants (first revision)	Sep 2004	5
97	IS 8258:1976	Oxydemeton-methyl technical concentrates	May	2
98	IS 8259:1976	Oxydemeton-methyl emulsifiable concentrates	May	2
99	IS 8267:1976	Dalapon - sodium, technical	May	1
100	IS 8286:1976	Dalapon - sodium, water soluble powder	May	1

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101	IS 8291:1976	Phenthoate emulsifiable concentrates	May	2
102	IS 8293:1976	Phenthoate, technical	May	
103	IS 8294:1976	Liquid amine salts of MCPA	May	1
104	IS 8445:1991	Carbendazim, (MBC) technical (first revision)	May	
105	IS 8446:1991	Carbendazim (MBC) water dispersible powder concentrates (first revision)	May	2
106	IS 8487:1977	Phosalone emulsifiable concentrates	May	4
107	IS 8488:1977	Phosalone, technical	May	4
108	IS 8489:1977	Phosalone dusting powders	May	2
109	IS 8494:1977	MCPA, technical	May	
110	IS 8496:1977	Propoxur, technical	May	5
111	IS 8497:1982	Paraquat dichloride water soluble concentrates (first revision)	May	1
112	IS 8498:1977	Temephos emulsifiable concentrates	May	4
113	* IS 8701:1996	Temephos, technical (first revision)	Jul 2001	
114	IS 8702:1978	Diuron, technical	May	3
115	IS 8703:1978	Diuron water dispersible powder concentrates	May	2
116	** IS 8707:1978	Mancozeb, technical	May	1
117	* IS 8708:1978	Mancozeb water dispersible powder concentrates	May	3
118	IS 8944:2005	Chlorpyrifos emulsifiable concentrates (second revision)		
119	IS 8954:1978	Edifenphos, technical	Sep 2004	4
120	IS 8955:1978	Edifenphos emulsifiable concentrates	May	2
121	IS 8958:1978	Fluchloralin, technical concentrates	May	

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/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

122	IS 8959:1978	Fluchloralin emulsifiable concentrates	May	2
123	* IS 8960:1978	Methyl parathion dusting powders	May	2
124	IS 8961:1978	Chlormequat chloride, technical	Jul 2001	
125	IS 8962:1978	Chlormequat chloride, aqueous solutions	Jul 2001	1
126	IS 8963:2006	Chlorpyrifos, technical - Specification		
127	IS 9351:1980	Nickel chloride, hexahydrate, pesticidal grade	May	
128	IS 9353:1980	Alachlor, technical	May	1
129	IS 9354:1980	Alachlor emulsifiable concentrates	May	2
130	IS 9355:1980	Butachlor, technical	Sep 2004	3
131	IS 9356:1980	Butachlor emulsifiable concentrates	May	3
132	IS 9357:1980	Triallate, technical	May	
133	IS 9358:1980	Triallate emulsifiable concentrates	May	2
134	IS 9359:1995	Phorate granules, encapsulated (first revision)	Jul 2001	
135	IS 9360:1980	Carbofuran granules, encapsulated	May	3
136	IS 9361:1980	Alachlor granules	May	2
137	IS 9362:1980	Butachlor granules	May	3
138	IS 9363:1980	Fenthion granules	May	3
139	IS 9364:1980	Trichlorfon granules	May	2
140	IS 9365:1980	Fenitrothion granules	May	2
141	IS 9366:1987	Quinalphos granules (first revision)	May	1
142	IS 9368:1980	Carbaryl granules	May	2

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143	IS 9369:1980	Diazinon granules	May	3
144	IS 9370:1980	Lindane granules	May	3
145	IS 9372:1980	Methyl parathion, technical concentrates	May	2
146	IS 9656:1980	Tridemorph emulsifiable concentrates	May	2
147	IS 9665:1981	Propoxur emulsifiable concentrates	May	3
148	IS 9666:1980	Blank granules	Sep 2004	1
149	IS 9667:1981	Tridemorph, technical	May	
150	IS 10119:1982	Ready-to-use insecticides for spot application	Sep 2004	2
151	IS 10169:1982	Methods for determination of carbaryl residues in fruits and vegetables	Sep 2004	
152	IS 10243:1992	2, 4-D Ethyl ester emulsifiable concentrates (first revision)	May	2
153	IS 10244:1992	2, 4-D Ethyl ester water dispersible powders (first revision)	May	1
154	IS 10265:1982	Endosulfan granules	Sep 2004	2
155	IS 10267:1982	Phenthoate granules	Sep 2004	1
156	IS 10268:1982	Chlorfenvinphos, technical	Sep 2004	
157	IS 10295:1982	Fenitrothion water dispersible powders	Sep 2004	2
158	IS 10300:1982	Captafol technical	Sep 2004	
159	IS 10319:1982	Ethion emulsifiable concentrate	Sep 2004	3
160	IS 10369:1982	Ethion technical	Sep 2004	1
161	IS 10627:1983	Methods for sampling of pesticide formulations	Sep 2004	
162	IS 10629:1983	Methods for determination of Aldicarb residues in crops, soil and water	Sep 2004	1
163	IS 10630:1983	Methods for determination of methyl parathion residues in foods	Sep 2004	

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/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

164	IS 10946:1996	Method of sampling for technical grade - Pesticides (first revision)	Sep 2004	
165	IS 10950:1984	Phenthoate dusting powders	Sep 2004	1
166	IS 11007:1984	Methabenzthiazuron technical	Sep 2004	
167	IS 11008:1984	Methabenzthiazuron water dispersible powder concentrates	Sep 2004	2
168	IS 11009:1984	Chlorfenvinphos granules	Sep 2004	2
169	IS 11010:1984	Ziram collodial	Sep 2004	3
170	IS 11019:1984	Carbofuran, technical	Sep 2004	
171	** IS 11020:1984	Methods for determination of carbofuran residues in crops, soil and water	Mar 2000	1
172	** IS 11021:2004	Methods for determination of dimethoate residues in food commodities (first revision)		
173	IS 11063:1984	Metoxuron water dispersible powders	Sep 2004	2
174	IS 11135:1984	Metoxuron, technical	Sep 2004	
175	IS 11151:1984	Barium carbonate, pesticidal grade	Sep 2004	
176	** IS 11301:1985	Methods for determination of phosalone residues in food commodities	Mar 2000	
177	IS 11374:1985	Methods for determination of monocrotophos residues in foods	Mar 2000	
178	IS 11380(Part 1):1985	Methods of sampling for the determination of pesticide residues: Part 1 Agricultural and food	Apr 2003	
179	IS 11773:2003	Method for determination of ethion residues in food commodities, soil and water (first revision)	Apr 2003	2
180	IS 11774:1986	Method for determination of dichlorvos residues in food commodities	Apr 2003	
181	IS 11784:1986	Carbaryl BHC (GAMMA) granules	May	4
182	IS 11785:1986	Captan WP	May	2
183	IS 11995:1987	Isoproturon, WP	May	3
184	IS 11996:1987	Deltamethrin EC	May	

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/ INDICATES DUAL NUMBER STANDARDS

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/ INDICATES EQUIVALENT STANDARDS

185	IS 11997:1987	Fenvalerate EC	May	2
186	IS 12003:1987	Fenvalerate, technical	May	4
187	IS 12004:1987	Isoproturon, technical	May	2
188	IS 12005:1987	Deltamethrin technical	May	1
189	IS 12015:1987	Cypermethrin, technical	May	3
190	IS 12016:1987	Cypermethrin EC	May	4
191	IS 12017:1987	Cypermethrin technical concentrate	May	2
192	IS 12335:1988	Method for determination of propoxur residues in food commodities	Sep 2004	
193	IS 12336:1988	Method for determination of diazinon residues in food commodities	Sep 2004	
194	IS 12365:1988	Method for determination of chlorpyrifos residues in food commodities	Sep 2004	
195	IS 12501:1988	Ferbam, Technical	Sep 2004	
196	IS 12502:1988	Glyphosate, technical	Sep 2004	
197	IS 12562:1988	Ferbam WP	Sep 2004	1
198	IS 12609:1989	Pesticides - Residues in foods - Fenthion - Method for determination	Sep 2004	
199	IS 12610:1989	Pesticides - Residues in foods - Phosphamidon - Method for determination	Sep 2004	
200	IS 12611:1989	Pesticides - Residues in foods an water - Endosulfan - Method for determination	Sep 2004	
201	IS 12616:1989	Pesticides - Residues in foods - Cypermethrin, deltamethrin, fenvalerate and permethrin - Method for determination	Sep 2004	
202	IS 12685:1989	Pendimethalin, technical	Sep 2004	
203	IS 12702:1989	Pendimethalin granules	Sep 2004	1
204	IS 12751:1989	Pendimethalin EC	Sep 2004	1
205	IS 12768:1989	Thiobencarb, technical	Sep 2004	

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/ INDICATES EQUIVALENT STANDARDS**

206	IS 12769:1989	Thiobencarb EC	Sep 2004	1
207	IS 12873:1990	Copper oxychloride OP	Jul 2001	3
208	IS 12912:1990	Bromadiolone RB	Jul 2001	
209	IS 12913:1990	Bromadiolone, CB	Jul 2001	1
210	IS 12914:1990	Bromadiolone, technical	Jul 2001	1
211	IS 12915:1990	Acephate, technical	Jul 2001	2
212	IS 12916:1990	Acephate SP	Jul 2001	1
213	IS 12931:1990	Atrazine, WP	Jul 2001	1
214	IS 12932:1990	Atrazine, technical	Jul 2001	
215	IS 12944:1990	Dithianon, technical	Jul 2001	
216	IS 12945:1990	Dithianon WP	Jul 2001	1
217	IS 13070:1991	Alpha Naphthyl acetic acid, technical	May	
218	IS 13080:1991	Pirimiphos methyl, technical	May	
219	IS 13097:1991	Fluvalinate, technical	May	
220	IS 13110:1991	Carboxin, technical	May	1
221	IS 13132:1991	Chlorothalonil, technical	May	
222	IS 13133:1991	Chlorothalonil WP	May	1
223	IS 13138:1991	Alpha Naphthyl acetic acid SL	May	
224	IS 13146:1991	Allethrin, technical	May	
225	IS 13172:1991	Fluvalinate EC	May	2
226	IS 13328:1992	Triadimefon, technical	May	

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/ INDICATES DUAL NUMBER STANDARDS**

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/ INDICATES EQUIVALENT STANDARDS**

227	IS 13329:1992	Triadimefon WP	May	2
228	IS 13330:1992	Bitertanol, technical	May	
229	IS 13331:1992	Bitertanol WP	May	1
230	IS 13332:1992	Metribuzin, technical	May	
231	IS 13333:1992	Metribuzin WP	May	1
232	IS 13402:1992	Anilophos, technical	May	
233	IS 13403:1992	Anilophos EC	May	2
234	IS 13438:1992	Allethrin mosquito coils	May	3
235	IS 13439:1992	Allethrin mosquito repellent mats	May	5
236	IS 13454:1992	Pirimiphos methyl WP	May	
237	IS 13455:1992	Pirimiphos methyl EC	May	
238	IS 13456:1992	Pirimiphos methyl space spray	May	1
239	IS 13457:1992	Deltamethrin WP	May	2
240	IS 13458:1992	Metalaxyl, technical	May	
241	IS 13513:1992	2, 4-D ethyl ester granules	May	1
242	IS 13641:1992	Metalaxyl WS	May	
243	IS 13692:1993	Metalaxyl - mancozeb WP	May	
244	IS 13784:1993	Dodine, technical	May	
245	IS 13785:1993	Dodine, WP	May	1
246	IS 13786:1993	Benomyl, technical	May	
247	IS 13787:1993	Benomyl WP	May	

** INDICATES STANDARDS UNDER REVISION
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/ INDICATES EQUIVALENT STANDARDS*

248	IS 13788:1993	Kitazin, technical	May	
249	IS 13789:1993	Kitazin G	May	
250	IS 13790:1993	Kitazin EC	May	
251	IS 13829:1993	Method for determination of residues of atrazine and simazine in agricultural and food commodities and soil and water	Apr 2003	
252	IS 13830:1993	Method for determination of residue of captafol in agricultural and food commodities and soil and	Apr 2003	
253	IS 13831:1993	Method for determination of residues of acephate in agricultural and food commodities	Apr 2003	
254	IS 13832:1993	Method for determination of dithiocarbamate residues in agricultural and food commodities	Apr 2003	
255	IS 14156:1994	Cyfluthrin, technical	Apr 2003	
256	IS 14157:1994	Simazine, technical	Apr 2003	
257	IS 14158:1994	Cyfluthrin WP	Apr 2003	1
258	IS 14159:1994	Cartap hydrochloride, technical	Apr 2003	
259	IS 14160:1994	Simazine WP	Apr 2003	1
260	IS 14161:1994	Determination of metalaxyl residues in agricultural and food commodities	Sep 2004	
261	IS 14162:1994	Determination of fosetyl AI residues in agricultural and food commodities	Sep 2004	
262	IS 14183:1994	Cartap hydrochloride SP	Apr 2003	1
263	IS 14184:1994	Cartap hydrochloride G	Apr 2003	1
264	IS 14185:1994	Diflubenzuron, technical	Apr 2003	1
265	IS 14186:1994	Diflubenzuron WP	Apr 2003	1
266	IS 14249:1995	Etofenprox, technical	Sep 2004	
267	IS 14250:1995	Etofenprox EC	Sep 2004	
268	IS 14251:1995	Captan, technical	Sep 2004	1

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269	IS 14299:1995	Neem extract concentrate containing azadirachtin	Sep 2004	2
270	IS 14300:1995	Neem based EC containing Azadirachtin	Sep 2004	
271	IS 14311:1995	Determination of lindane (GAMMA BHC) residues in agricultural and food commodities	Mar 2000	
272	IS 14408:1996	Ethepon, technical	Jul 2001	
273	IS 14409:1996	Ethepon, solution	Jul 2001	
274	IS 14410:1996	Quinalphos AF	Jul 2001	
275	IS 14411:1996	Deltamethrin F	Jul 2001	
276	IS 14437:1997	Method for determination of quinalphos residues in agricultural and food commodities	Jan 2003	
277	IS 14509:1997	Lambda - cyhalothrin, Technical	May	
278	IS 14510:1997	Lambda - cyhalothrin, WP	May	
279	IS 14549:1998	Hexaconazole technical	Apr 2003	
280	IS 14550:1998	Hexaconazole EC	Apr 2003	
281	IS 14551:1998	Thiophanate methyl, Technical	Apr 2003	
282	IS 14552:1998	Thiophanate methyl, WP	Apr 2003	1
283	IS 14626:1999	Method of test for determination of total bromide in grains/food treated with methyl bromide	Sep 2004	
284	IS 14627:1999	Method of test for determination of carbendazim residues in agriculture and food commodities	Sep 2004	
285	IS 14628:1999	Determination of chlorinated pesticide residues in agricultural and food commodities	Sep 2004	
286	IS 14629:1999	Method for determination of dicofol residues in agricultural and food commodities	Sep 2004	
287	IS 14726:1999	Fenarimol technical		
288	IS 14727:1999	Fenarimol, EC		
289	IS 14833:2000	Lindane W.P.		1

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/ INDICATES DUAL NUMBER STANDARDS

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/ INDICATES EQUIVALENT STANDARDS

290	IS 14834:2000	Lindane, D.P
291	IS 14857:2000	Method for determination of 2,4-D residues in agricultural and food commodities
292	IS 14913:2001	Method for determination of synthetic phrethroids in agricultural and food Commodities
293	IS 14914:2001	Method for Determination of Phorate in Agricultural & Food Commodities
294	IS 14922:2001	Multiresidue methods for the determination of organophosphorus compounds
295	IS 14934:2001	Oxyfluorfen, Technical
296	IS 14935:2001	Oxyfluorfen, E.C
297	IS 14936:2001	Triazophos Technical Concentrate
298	IS 14937:2001	Triazophos Emulsifiable Concentrate
299	IS 14938:2001	Diclofop Methyl Technical
300	IS 14939:2001	Diclofop Methyl Emulsifiable Concentrate
301	IS 14941:2001	Carbosulfan - EC
302	IS 14942:2001	Carbosulfan - DS
303	IS 15156:2002	Acephate EC + Fenvalerate EC.
304	IS 15157:2002	Deltamethrin + Triazophos EC
305	IS 15158:2002	Pretilachlor Technical
306	IS 15159:2002	Tebuocnazole DS
307	IS 15160:2002	Pretilachlor EC
308	IS 15161:2002	Fenpropathrin Technical
309	IS 15162:2002	Fenpropatherin EC
310	IS 15163:2002	Isoprothiolane Technical

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

311	IS 15164:2002	Isoprothiolane EC
312	IS 15165:2002	Tebuocnazole Technical
313	IS 15166:2002	Glufosinate Ammonium LC
314	IS 15167:2002	Dltamethrin + Endosulfan EC
315	IS 15182:2002	Propiconazole EC
316	IS 15219:2002	Aluminium Phosphide Powder Form
317	IS 15227:2002	Deltamethrin ULV
318	IS 15228:2002	Cyfluthrin emulsion in water
319	IS 15229:2002	Metolachor Technical
320	IS 15230:2002	Metolachor EC
321	IS 15231:2002	Anilofos + 2, 4D Ethyl Ester EC
322	IS 15232:2002	Fenoxaprop-p-ethyl Technical
323	IS 15233:2002	Glufosinate Ammonium SL
324	IS 15234:2002	Penconazole Technical
325	IS 15235:2002	Chlorpyrifos+Cypermethrin EC
326	IS 15236:2002	Profenofos + Cypermethrin EC
327	IS 15237:2002	Penconazole EC
328	IS 15238:2002	Profenofos Technical
329	IS 15239:2002	Fenoxaprop-P-Ethyl EC
330	IS 15240:2002	Profenofos EC
331	IS 15241:2002	Propiconazole Technical

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

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

332	IS 15334:2003	Imidacloprid WS
333	IS 15335:2003	Imidacloprid SL
334	IS 15341:2003	Fenvelerate DP
335	IS 15409:2003	Clomazone technical
336	IS 15443:2004	Imidacloprid technical
337	IS 15599:2005	Chlorimuron ethyl WP - Specification
338	IS 15600:2005	Cymoxanil technical - Specification
339	IS 15601:2005	Cymoxanil + Mencozeb WP - Specification
340	IS 15602:2005	Alphacypermethrin EC - Specification
341	IS 15603:2005	Alphacypermethrin WP - Specification
342	IS 15604:2005	Methomyl SP - Specification
343	IS 15605:2005	Metsulfuron methyl WP - Specification
344	IS 15606:2005	Ethion + Cypermethrin EC - Specification
345	IS 15614:2006	Methomyl technical - Specification
346	IS 15615:2005	Metsulfuron methyl technical - Specification
347	IS 15616:2006	Alphacypermethrin technical - Specification
348	IS 15618:2005	Metsulfuron methyl + Chlorimuron ethyl WP - Specification
349	IS 15619:2005	Chlorimuron ethyl technical - Specification

FINALISED DRAFTS UNDER PRINT

1	DOC.FAD 1(1353)	Mancozeb WDPC
2	DOC.FAD 1(1395)	Phosphamidan soluble liquid - Specification
3	DOC.FAD 1(1554)	Hexaconazole SC

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

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

4	DOC.FAD 1(1557)	Chlorpyrifos - Methyl technical
5	DOC.FAD 1(1558)	Chlorpyrifos - Methyl EC
6	DOC.FAD 1(1608)	Water quality - Determination of certain organochlorine insecticides, polychlorinated biphenyls and chlorobenzenes - Gas Chromatographic method after liquid extraction
7	DOC.FAD 1(1609)	Water quality - Determination of selected organic nitrogen and phosphorus compounds - Gas chromatographic methods (adoption of ISO 10695:2000)

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.FAD 1(1381)	Chlorpyrifos technical - Specification
2	DOC.FAD 1(1555)	Bifenthrin technical
3	DOC.FAD 1(1556)	Bifenthrin WP

DRAFT STANDARDS FORMULATED

1	DOC.FAD 1(1352)	Mancozeb technical - Specification
2	DOC.FAD 1(1610)	Temephos technical (second revision of IS

ASPECT WISE REPORT

PRODUCT	303
METHODS OF TEST	38
CODES OF PRACTICES	5
TERMINOLOGY	1
OTHERS	2

TOTAL : 349

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

FAD 2 SUGAR INDUSTRY

SCOPE Sugars (Including liquid glucose, dextrose monohydrate and dried glucose syrup) and by products of sugar industry; Layout plans for sugar factories, their laboratories and sugar laboratories and sugar godowns; sugar machinery and its components, Molasses tanks and

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	* IS 498:2003	Grading for vacuum pan sugar (Plantation white) (fifth revision)		
2	IS 873:1974	Liquid glucose (first revision)	Aug 2005	2
3	IS 874:1992	Dextrose monohydrate (third revision)	Jul 2002	1
4	IS 1151:2003	Refined sugar - Specification (second revision)		
5	IS 1152:2003	Icing sugar - Specification (second revision)		
6	IS 1162:1958	Cane molasses	Mar 2004	
7	IS 1168:1973	Cube sugar (first revision)	Mar 2004	1
8	* IS 4772:1983	Code of practice for construction of sugar godowns (first revision)	Aug 2005	
9	IS 5521:1980	Steel tanks for storage of molasses (first revision)	Mar 2004	
10	IS 5527:1969	Layout plan for sugar factory laboratories	Aug 2005	
11	IS 5975:2003	Raw sugar - Specification (first revision)		
12	* IS 5982:2003	Plantation white sugar - Specification (first		
13	IS 7424:1987	Photoelectric reflectance method for measurement of whiteness of plantation white sugar in solid	Mar 2004	
14	IS 8236:1994	Slats for cane carriers (first revision)	Mar 2004	
15	IS 8461:1987	Cane knives (first revision)	Mar 2004	
16	IS 8847:1978	Dried glucose syrup	Mar 2004	
17	IS 11102:1984	Glass bottles for sugar standards	Jan 2001	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

18	IS 11201:1985	Cane crushing rollers for sugar industry	Mar 2004	
19	IS 11238:1985	Hubs or cane knives	Aug 2005	
20	IS 11492:1985	Rotary vacuum filter screens for sugar industry	Aug 2005	
21	IS 11604:1986	Woven (mesh) type supporting screens for continuous centrifugal machines for sugar industry	Aug 2005	
22	IS 11605:1986	Woven (mesh) type supporting liners for batch type centrifugal machines for sugar industry	Mar 2004	
23	IS 12198:1987	Sprockets for sugar factories	Mar 2004	
24	IS 12906:1990	MISRI	Jul 2002	2
25	IS 12923:1990	Cane gur (jaggery)	Jul 2002	2
26	IS 12924:1990	BURA	Jul 2002	2
27	IS 12935:1990	Recommended industrial screens for grading sugar	Jul 2002	
28	IS 13316:1992	Welded austenitic stainless steel tubes for heat exchangers for the sugar industry	Jul 2002	
29	IS 13929:1993	Stainless steel decking plates for cane mud filters	Mar 2004	1
30	IS 13952:1994	Palm jaggery	Mar 2004	1
31	IS 13953:1994	Khandsari	Mar 2004	1
32	IS 14400:1996	Palm sugar	Jul 2002	1
33	IS 14667:1999	Conveyor chains and slats used in sugar industry - Specification	Mar 2004	
34	IS 14668:1999	Specification for supporting liners and centrifugal liners for various types of centrifugal machines	Mar 2004	
35	IS 15279:2003	Sugar and sugar products - Methods of test		

DRAFT STANDARDS COMPLETED WIDE CIRCULATION

1	DOC.FAD 2(1518)	Glass/Plastic bottles for sugar standards - Specification (first revision of IS 11102)
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** INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS*

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

ASPECT WISE REPORT

PRODUCT	31
METHODS OF TEST	2
CODES OF PRACTICES	2

TOTAL : 35

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

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

FAD 3 APIARY INDUSTRY

SCOPE Apiary products and equipment, code for conservation and maintenance of honey and honey bees

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 1504:1996	Beeswax, crude and refined (third revision)	Dec	1
2	* IS 1515:1998	Beehives (third revision)	Oct 2004	1
3	* IS 1735(Part 1):1977	Beehives stand:Part 1 Folding type (first revision)	Oct 2004	
4	* IS 1735(Part 2):1978	Beehives stand: Part 2 Fixed type (first revision)	Dec	
5	IS 1736:1980	Honey extractor, tangential type	Dec	
6	IS 2072:1977	Comb foundation sheets (first revision)	Oct 2004	
7	IS 3894:1978	Comb foundation mill (first revision)	Oct 2004	
8	* IS 4941:1994	Extracted honey (second revision)	Dec	
9	IS 5426:1969	Travelling bees box	Oct 2004	
10	IS 5427:1969	Honey extractor, radial type	Oct 2004	
11	IS 6695:1998	Honey bees - Code for conservation and maintenance (first revision)	Oct 2004	
12	IS 7459:1974	Wasp trap	Oct 2004	
13	IS 8444:1977	Fumigant strips for treatment of honey-bees	Oct 2004	
14	IS 8524:1977	Solar wax extractor	Oct 2004	
15	* IS 14133:1994	Beeman's kit	Oct 2004	
16	IS 14136:1994	Package bee Box	Oct 2004	
17	IS 14522:1998	Honey processing unit - Technical requirements	Oct 2004	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

FINALISED DRAFTS UNDER PRINT

1 DOC.FAD 3(1593) Amendment No. 1 to IS 1515:1998 Beehives (third revision)

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1 DOC.FAD 3(1594) Amendment No. 1 to IS 1504:1996 Beeswax, crude and refined

ASPECT WISE REPORT

PRODUCT	16
CODES OF PRACTICES	1

TOTAL : 17

FAD 4 TOBACCO AND TOBACCO PRODUCTS

SCOPE A) Tobacco (excluding specifications), tobacco products; codes for seaworthy packing of tobacco and construction of tobacco barns
 B) Liaison with ISO/TC 126 Tobacco and Tobacco products and ISO/TC 126/SC 1 and SC 2

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	** IS 1577:1989	Cigarettes (second revision)	Sep 2003	1
2	IS 1578:1989	Smoking mixtures (second revision)	Sep 2003	1
3	IS 1769(Part 1):1994	Cigars (second revision)	Nov	
4	IS 1769(Part 2):1994	Cheroots (second revision)	Nov	
5	** IS 1925:1992	Bidis (third revision)	Sep 2003	1
6	IS 2111:1973	Snuff (first revision)	Sep 2003	1
7	IS 2344:1994	Chewing tobacco, ZARDA flake type (second	Nov	1
8	IS 3041:1994	Chewing tobacco, manufactured, minced type (second revision)	Nov	
9	IS 4463:1973	Hooka tobacco, manufactured (first revision)	Sep 2003	1
10	IS 4469:1986	Code of practice for construction of flue-curing tobacco barns (first revision)	Sep 2003	
11	IS 4698:1968	Code of practice for seaworthy packing of unmanufactured cigarette type tobacco	Sep 2003	
12	IS 5643:1999	Methods of test for tobacco in tobacco products (second revision) (Superseding IS 7753:1989)	Nov	1
13	IS 8600:1988 ISO 4874:1981	Method for sampling of tobacco - General principles (first revision)	Sep 2003	
14	IS 8846:1989	Method for determination of reducing sugars and sucrose in tobacco and tobacco products (first	Sep 2003	1
15	IS 9379:1999 / ISO 6488:1981	Tobacco and tobacco products - Method for determination of moisture (second revision)	Sep 2004	
16	IS 9978:1991	Tendu leaf (first revision)	Nov	
17	* IS 10335:1982	Glossary of terms for tobacco and tobacco	Sep 2003	

* INDICATES STANDARDS UNDER REVISION
 / INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
 | INDICATES EQUIVALENT STANDARDS

18	** IS 10666:1983 ISO 2971:1987	Cigarette filters	Sep 2003	1
19	IS 11820:2004 / ISO 4389:2000	Method for determination of organo chlorine pesticide residues in tobacco and tobacco products (reference method) (first revision)	Nov	
20	IS 12942:1996 / ISO 8243:1991	Methods of sampling for cigarettes (first revision)	Sep 2003	
21	IS 14332:1996	Hookah Tobacco Paste	Nov	1
22	IS 14647:1999	Quiwam - Specification	Nov	

DRAFT STANDARDS COMPLETED WIDE CIRCULATION

1	DOC.FAD 4(1595)	Second Revision of IS 10335
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DRAFT STANDARDS APPROVED FOR WIDE CIRCULATION

1	DOC.FAD 4(1697)	Third revision of IS 9379 (adoption of ISO
2	DOC.FAD 4(1698)	Second revision of IS 8600 (adoption of ISO 4874:2000)
3	DOC.FAD 4(1699)	Cigarettes and filter rods - Determination of nominal diameter - Method using a laser beam measuring apparatus (adoption of ISO 2971:1998)
4	DOC.FAD 4(1700)	Second revision of IS 12942 (adoption of ISO 8243:2003)

ASPECT WISE REPORT

PRODUCT	13
METHODS OF TEST	4
CODES OF PRACTICES	2
TERMINOLOGY	1
OTHERS	2

TOTAL : 22

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

FAD 5 LIVESTOCK FEEDS, EQUIPMENT & SYSTEMS

- SCOPE**
- A) Feedstuffs and compounded feeds for animals including laboratory animals, mineral mixtures for supplementing animal feeds, probiotics and standard reference tables for DCP, TDN, ME values, etc.
 - B) Animal housing, animal reproduction equipment and systems and other equipment for avian and other animals
 - C) Code for breeding, housing and transport of the laboratory and other animals
 - D) Physical and chemical methods of test pertaining to this committee including microbiological aspects
 - E) Liaison with ISO/TC 34/SC 10 Animal feeding stuffs.
 - F) Liaison with ISO/TC 191 Animal (mammal) traps

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 920:1972	Common salt for animal consumption including cattelicks mineralized (first revision)	Mar 2002	2
2	IS 1374:1992	Poultry feeds (fourth revision)	May	2
3	IS 1509:1972	Tapioca as livestock feed (first revision)	May	1
4	IS 1664:2002	Mineral mixtures for supplementing cattle feeds (third revision)		
5	IS 1712:1982	Cottonseed oilcake as livestock feed ingredient (second revision)	May	1
6	IS 1713:1986	Decorticated groundnut oilcake as livestock feed ingredient (second revision)	Mar 2001	
7	IS 1932:1986	Mustard and rape seed oilcake as livestock feed ingredient (second revision)	Mar 2001	
8	IS 1934:1982	Sesamum oilcake as livestock feed ingredient (first revision)	May	1
9	IS 1935:1982	Linseed oilcake as livestock feed ingredient (first revision)	May	1
10	IS 1942:1968	Bonemeal as livestock feed supplement (first	May	2
11	IS 2052:1979	Compounded feeds for cattle (third revision)	May	5
12	IS 2151:1985	Maize germ oilcake as livestock feed ingredient (first revision)	May	1
13	IS 2152:1972	Maize gluten feed (first revision)	May	1
14	IS 2153:1985	Maize bran as livestock feed ingredient (first	May	1
15	IS 2154:1986	Coconut oilcake as livestock feed ingredient (second revision)	Mar 2001	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

16	IS 2239:1971	Wheat bran (first revision)	May	
17	IS 2732:1985	Code of practice for poultry housing (second	Feb 2002	
18	** IS 2733:1985	Code of practice for sheep and goats housing (first revision)	Feb 2002	
19	IS 2734:1964	Code of practice for equine housing	May	
20	* IS 3059:2001	Transport of monkeys by rail, road, air and sea - Code of practice (second revision)		
21	IS 3160:1965	TUR CHUNI	May	1
22	IS 3161:1965	Gram CHUNI	May	1
23	IS 3162:1965	Gram husk	May	1
24	IS 3163:1965	Rice polish	May	1
25	IS 3198:1965	Fodder yeast	May	1
26	IS 3440:1985	Solvent extracted linseed oilcake (meal) as livestock feed ingredient (first revision)	May	1
27	IS 3441:1982	Solvent extracted groundnut oilcake (meal) as livestock feed ingredient (first revision)	May	1
28	IS 3591:1985	Solvent extracted coconut oilcakes (meal) as livestock feed ingredient (second revision)	May	1
29	IS 3592:1985	Solvent extracted decorticated cottonseed oilcake (meal) as livestock feed ingredient(second	May	2
30	IS 3593:1979	Solvent extracted rice bran as livestock feed (second revision)	May	1
31	IS 3648:1975	Rice bran as livestock feed (first revision)	May	1
32	IS 3916:1966	Code of practice for pig housing	Oct 2000	
33	IS 4193:1986	Guar meal as livestock feed ingredient (first	Mar 2001	
34	IS 4307:1983	Fish meal as livestock feed ingredient (second	May	1
35	IS 4746:1968	Code for transport of dogs and cats by rail, road	Oct 2000	1
36	IS 5063:1969	TUR husk	May	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

37	IS 5064:1980	Tapioca spent pulp as livestock feed (first	May	1
38	IS 5065:1986	Meat meal as livestock feed ingredient (first	Mar 2001	1
39	IS 5236:1962	Code for transport of pigs by rail and road (first revision)	Oct 2000	
40	IS 5237:1969	Code for transport of small and medium sized seed eating birds	Oct 2000	
41	* IS 5238:2001	Transport of poultry - Code of practice		
42	IS 5255:1986	Poultry feeders (first revision)	Feb 2002	
43	IS 5283:1969	Poultry waterers, portable	Oct 2000	
44	IS 5284:1969	Recommendations for community milking shed	Oct 2000	
45	* IS 5309:2001	Brooders: Part 1 Battery brooders (first revision)		
46	IS 5310:1987	Electrically-heated poultry incubators (first revision)	May	
47	IS 5470:2002	Dicalcium phosphate, animal feed grade		
48	* IS 5560:1970	Compounded feeds for young stock	May	
49	IS 5654(Part 1):1970	Feeds for laboratory animals: Part 1 Rats and	Mar 2001	
50	IS 5654(Part 2):1970	Feeds for laboratory animals: Part 2 Guinea pigs	Mar 2001	
51	IS 5654(Part 3):1983	Feeds for laboratory animals: Part 3 Monkey	Mar 2001	
52	IS 5672:1992	Mineral mixtures for supplementing poultry feeds (first revision)	Mar 2002	
53	IS 5701(Part 1):1981	Code for breeding, care, management and housing of laboratory animals: Part 1 Laboratory mice and rats (first revision)	Oct 2000	
54	IS 5701(Part 2):1979	Code for breeding, care, management and housing of laboratory animals: Part 2 Laboratory rabbits (first revision)	Oct 2000	
55	IS 5701(Part 3):1979	Code for breeding, care, management and housing of laboratory animals: Part 3 Laboratory guinea-pigs (first revision)	Oct 2000	
56	IS 5701(Part 4):1979	Code for breeding, care, management and housing of laboratory animals: Part 4 Laboratory golden hamsters (first revision)	Oct 2000	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

57	IS 5701(Part 5):1972	Code for breeding, care, management and housing of laboratory animals: Part 5 Laboratory snakes	Oct 2000	
58	IS 5701(Part 6):1981	Code for breeding, care, management and housing of laboratory animals: Part 6 Laboratory cotton rats (<i>sigmodon hispidus</i> and <i>sigmodon hispidus hispidus</i> (first revision)	Oct 2000	
59	IS 5701(Part 7):1977	Code for breeding, care, management and housing of laboratory animals: Part 7 Laboratory frogs	Oct 2000	
60	IS 5701(Part 8):1979	Code for breeding, care, management and housing of laboratory animals: Part 8 Laboratory chicks	Oct 2000	
61	IS 5701(Part 9):1979	Code for breeding, care, management and housing of laboratory animals: Part 9 Laboratory pigeons	Oct 2000	
62	IS 5701(Part 10):1978	Code for breeding, care, management and housing of laboratory animals: Part 10 Laboratory	Oct 2000	
63	IS 5804:1987	Poultry debeakers (first revision)	May	
64	IS 5862:1970	Solvent extracted nigerseed oilcakes (meal) as livestock feed	May	
65	IS 6027:1970	Recommendations for farm cattle housing for large dairy farms	Oct 2000	
66	IS 6107:1971	Dried silk worm pupae as livestock feed	May	1
67	IS 6228:1971	Poultry egg fertility tester	Oct 2000	1
68	IS 6242:1985	Solvent extracted undecorticated safflower oilcake (meal) as livestock feed ingredient (first revision)	May	1
69	** IS 6384(Part 1):1978	Code for care, management and housing of laboratory animals: Part 1 Laboratory monkeys	Oct 2000	
70	** IS 6384(Part 2):1971	Code for care, management and housing of laboratory animals: Part 2 Laboratory dogs	Oct 2000	
71	** IS 6384(Part 3):1971	Code for care, management and housing of laboratory animals: Part 3 Laboratory cats	Oct 2000	
72	IS 6544:1972	Wing band for poultry	Oct 2000	
73	IS 6545:1972	Leg band for poultry	Oct 2000	
74	IS 6692:1972	Method of milk recording of cattle	Oct 2000	
75	IS 6696:1972	Egg washing machines	Oct 2000	
76	IS 7060:1973	Blood meal as livestock feed	May	1
77	IS 7061:1973	Calcined bone-meal as livestock feed supplement	May	2

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

78	IS 7179:1973	Disposable plastic artificial insemination pipettes for cattle	Feb 2002	
79	** IS 7180:1973	Disposable artificial insemination gloves	Feb 2002	
80	IS 7472:1987	Pig feeds (first revision)	Mar 2001	
81	IS 7516:1974	Trap nests for poultry	Oct 2000	
82	IS 7517:1987	Pedigree hatching boxes for Poultry (first revision)	May	
83	IS 7518:1974	Laying battery cages for poultry	Oct 2000	
84	IS 7874(Part 1):1975	Methods of tests for animal feeds and feeding stuffs: Part 1 General methods	May	1
85	IS 7874(Part 2):1975	Methods of tests for animal feeds and feeding stuffs:Part 2 Minerals and trace elements	May	1
86	IS 7874(Part 3):1975	Methods of tests for animal feeds and feeding stuffs: Part 3 Microbiological methods	May	1
87	IS 8102:1990	Technical requirements for frozen semen of breeding bull (first revision)	Oct 2000	
88	IS 8103:1976	Code for cleaning and sterilization of artificial insemination equipment	Feb 2002	
89	IS 9599:1980	Rubber seed cake as livestock feed	May	1
90	IS 9703:1980	Glossary of terms for animal feeds and feeding	May	
91	IS 9863:1992	Nutrient requirements for poultry (first revision)	Mar 2002	
92	IS 9867:1981	Par boiled rice bran as livestock feed ingredient	May	1
93	IS 10449:1983	Code for transport of live fish seed for inland pisciculture purposes	Oct 2000	
94	IS 10450:1983	Code for transport of fresh water aquarium fish	Oct 2000	
95	IS 10670:1983	Virginia tobacco seed cake as livestock feed	May	1
96	IS 10671:1983	Mango seed kernals as livestock feed ingredient	May	2
97	IS 10672:1983	Mineral mixture for supplementing sheep and goats feeds	May	3
98	IS 10741:1983	Ambadi (HIBISCUS CANNABINUS) cake as livestock feed ingredient	May	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

99	IS 11586:1986	Malt sprouts as livestock feed ingredient	Mar 2001
100	* IS 11786:1986	Recommendations for cattle housing for an average farmer	Feb 2002
101	* IS 11799:1986	Recommendations for cattle housing for a rural milk producer	Feb 2002
102	IS 11800:1986	Artificial vagina for bovines	Feb 2002
103	IS 11942:1986	Recommendations for GAUSHALAS and other organized milk producers	Feb 2002
104	IS 11968:1987	Dog feeds	Mar 2001
105	IS 12237:1987	Recommendations for loose housing systems of animals	May
106	IS 12829:1989	Mango seed kernel (solvent extracted) as livestock feed ingredient	May
107	IS 12939:1990	Method for heat resistance test of frozen semen of breeding bull	Oct 2000
108	IS 12946:1990	Filling nozzle	Oct 2000
109	IS 12964:1990	Method of quantitative determination of progressively motile spermatazoa in frozen bull	Oct 2000
110	IS 13002:1990	Method for enumeration of living aerobic micro-organisms of bull semen	Oct 2000
111	IS 13005:1990	Method for detection of facultative pathogenic micro-organisms of bull semen	Oct 2000
112	IS 13006:1990	Freezing grill	Oct 2000
113	IS 13033:1990	Straw holding clips	Oct 2000
114	IS 13044:1991	Technical requirement for freshly collected semen of breeding sheep	Feb 2002
115	IS 13125:1991	Goblets	Feb 2002
116	IS 13181:1991	Artificial insemination sheath	Feb 2002
117	IS 13398:1992	Alga spirulina, feed grade	Mar 2002
118	IS 13399:1992	Animal feeds and feeding stuffs - Determination of Urea	Mar 2002
119	IS 13426:1992	Animal feeds and feeding stuffs - Methods of sampling for aflatoxin analysis	Mar 2002

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

120	IS 13427:1992 / ISO 6651:1987	Animal feeds and feeding stuffs - Determination of aflatoxin B-1 content	Mar 2002
121	IS 13433(Part 1):1992 ISO 6490-1:1985	Animal feeds and feeding stuffs - Determination of calcium: Part 1 Titrimetric method	Mar 2002
122	IS 13433(Part 2):1992 ISO 6490-2:1983	Animal feeds and feeding stuffs - Determination of calcium: Part 2 Atomic absorption spectrometric method	Mar 2002
123	IS 13451:1992	Urea molasses block as ruminant feed supplement	Mar 2002
124	IS 13574:1992	Animal feed and feeding stuffs - Determination of calcium and magnesium in mineral supplements	Mar 2002
125	IS 13819:1993	Artificial insemination guns	May
126	IS 13820:1993	Artificial insemination straws	May
127	IS 14275:1995	Technical requirements for urea molasses liquid drought feed for cattle	May
128	IS 14325:1996	Bypass protein feed for cattle - Specification	Mar 2002
129	IS 14702:1999	Sunflower oil cake as livestock feed ingredient	May
130	IS 14825:2000 / ISO 5985:1997	Animal feeds and feeding stuffs - Determination of nitrogen content and calculation of crude protein content - Kjeldahi method	
131	IS 14826:2000 / ISO 5985:1978	Animal feeds and feeding stuffs - Determination of ash soluble in hydrochloric acid	
132	IS 14827:2000 / ISO 5984:1978	Animal feeds and feeding stuffs - Determination of crude ash	
133	IS 14828:2000 / ISO 6491:1998	Animal feeds and feeding stuffs - Determination of total phosphorus content - Spectrophotometric	
134	IS 14829:2000 / ISO 6495:1999	Animal feeds and feeding stuffs - Determination of water-soluble chloride content	
135	IS 14830:2000	Animal feeds and feeding stuffs - Determination of moisture content	
136	IS 14831:2000 / ISO 6498:1998	Animal feeds and feeding stuffs - Preparation of test sample	
137	IS 14832:2000 / ISO 6654:1991	Animal feeds and feeding stuffs - Determination of urea content	
138	IS 14903:2001	Transport of laboratory animals - Code of Practice [Superseding IS 3907(Part 1 to 3)]	
139	IS 14904:2001	Transport of livestock - Code of practice	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

- | | | |
|-----|------------------------------|--|
| 140 | IS 15120:2002
/ ISO 14565 | Animal feeding stuffs - Determination of the contents of calcium, copper, iron, magnesium, manganese, potassium, sodium and zinc - Method using atomic absorption spectrometry |
| 141 | IS 15121:2002
/ ISO 6869 | Animal feeding stuffs - Determination of Vitamin A content - Method using high performance liquid chromatography |

FINALISED DRAFTS UNDER PRINT

- | | | |
|---|-----------------|---|
| 1 | DOC.FAD 5(935) | Revision of IS 5560 |
| 2 | DOC.FAD 5(1248) | Mustard and rape seed oil cake as livestock feed ingredient |
| 3 | DOC.FAD 5(1249) | Choline chloride - Animal feed grade |
| 4 | DOC.FAD 5(1533) | Recommendations for cattle housing
[Amalgamated revision of IS 11786 and IS 11799] |

DRAFT STANDARDS COMPLETED WIDE CIRCULATION

- | | | |
|---|-----------------|---------------------|
| 1 | DOC.FAD 5(1048) | Revision of IS 2733 |
|---|-----------------|---------------------|

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

- | | | |
|---|-----------------|--|
| 1 | DOC.FAD 5(1553) | Draft Amendment No. 1 to IS 14904:2001 |
| 2 | DOC.FAD 5(1566) | Draft Amendment No. 1 to IS 11942:1986 |
| 3 | DOC.FAD 5(1567) | Draft Amendment No. 1 to IS 7179:1973 |
| 4 | DOC.FAD 5(1568) | Draft Amendment No. 1 to IS 8103:1976 |

DRAFT STANDARDS APPROVED FOR WIDE CIRCULATION

- | | | |
|---|-----------------|----------------------|
| 1 | DOC.FAD 5(729) | Revision of IS 7180 |
| 2 | DOC.FAD 5(1112) | Revision of IS 2052 |
| 3 | DOC.FAD 5(1361) | Revision of IS 1362 |
| 4 | DOC.FAD 5(1362) | Revision of IS 10672 |
| 5 | DOC.FAD 5(1363) | Revision of IS 5672 |

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

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

ASPECT WISE REPORT

PRODUCT	82
METHODS OF TEST	23
CODES OF PRACTICES	35
TERMINOLOGY	1

TOTAL : 141

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

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

FAD 6 STIMULANT FOODS

- SCOPE**
- A) Tea, coffee, cocoa and their products.
 - B) Physical, chemical and microbiological methods of test pertaining to this committee
 - C) General methodology for sensory evaluation including nutritional
 - D) Liaison with
 - i) ISO/TC 34/SC 8 Tea,
 - ii) ISO/TC 34/SC 15 Coffee

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 612:1992	Roasted chicory powder (third revision)	Mar 2004	
2	IS 1163:1992	Chocolates(second revision)	Mar 2004	1
3	IS 1164:1986	Cocoa powder (third revision)	Feb 2001	
4	IS 1263:1986	Cocoa butter (third revision)	Feb 2001	
5	IS 2791:1992	Soluble coffee powder(third revision)	Mar 2004	2
6	IS 3077:1992	Roasted and ground coffee (second revision)	Mar 2004	2
7	IS 3309:1992	Soluble coffee chicory powder (second revision)	Mar 2004	1
8	IS 3581:1982	Green coffee (second revision)	Feb 2001	2
9	IS 3611:2000	Method of sampling for tea (second revision)	Jul 2000	
10	/ ISO 1839:1980 IS 3633:2003	Black tea (second revision)		
11	IS 3802:1992	Roasted coffee-chicory powder (first revision)	Mar 2004	1
12	IS 4074:1981	Grading for monsooned coffee (second revision)	Feb 2001	
13	IS 4541:1986	Glossary of tea terms (first revision)	Mar 2004	
14	IS 6399:1971	Code of practice for construction of coffee seed storage structures	Feb 2001	
15	IS 6400:1993 / ISO 3103:1980	Method for preparation of tea infusion for sensory evaluation (first revision)	Mar 2004	
16	IS 6762:1986	Drinking chocolate (sweetened cocoa powder)(second revision)	Feb 2001	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

17	IS 7236:1974	Glossary of terms for coffee and its products	Feb 2001
18	IS 8832:2003 / ISO 1114:1977	Cocoa beans - Cut test	
19	IS 8833:2003 / ISO 2291:1980	Cocoa beans- Determination of moisture content (Routine method)	
20	IS 8865:2003 / ISO 2451:1973	Cocoa beans - Specification	
21	IS 9314:2003 / ISO 2292:1973	Cocoa beans - Sampling	
22	IS 10017:1981	Code of practice for construction of cocoa beans storage structures	Mar 2004
23	IS 10814:1984	Method for sampling green coffee in bags	Feb 2001
24	IS 11730:1986	Glossary of terms for cocoa, chocolate and its	Feb 2001
25	IS 11923:1986	Cocoa mass	Feb 2001
26	IS 13852:1994 / ISO 1572:1980	Tea - Preparation of ground sample of known dry matter content	Mar 2004
27	IS 13853:1994 / ISO 1573:1980	Tea - Determination of loss in mass at 103 degree celcius	Mar 2004
28	IS 13854:1994 / ISO 1575:1987	Tea - Determination of total ash	Mar 2004
29	IS 13855:1993 / ISO 1576:1988	Tea - Determination of water-soluble ash and water-insoluble ash	Mar 2004
30	IS 13856:1993 / ISO 1578:1975	Tea - Determination of alkalinity of water-soluble	Mar 2004
31	IS 13857:1993 / ISO 1577:1987	Tea - Determination of acid-insoluble ash	Mar 2004
32	IS 13858:1993 / ISO 6770:1982	Instant tea - Determination of free flow and compacted bulk densities	Mar 2004
33	IS 13859:1993 / ISO 7513:1990	Instant tea in solid form - Determination of moisture content (Loss in mass at 103 degree	Mar 2004
34	IS 13860:1993 / ISO 7514:1990	Instant tea in solid form - Determination of total	Mar 2004
35	IS 13861:1993 / ISO 7516:1984	Instant tea in solid form - Sampling	Mar 2004
36	* IS 13862:1999 / ISO 9768:1994	Tea - Determination of water extract (first revision)	Mar 2004
37	IS 15342:2003	Instant tea in solid form - Specification	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

ASPECT WISE REPORT

PRODUCT	15
METHODS OF TEST	13
CODES OF PRACTICES	2
TERMINOLOGY	3
OTHERS	5

TOTAL : 38

FAD 7 SOIL QUALITY AND IMPROVEMENT

SCOPE A) Specification for soil amendments and soil testing kits, code and guidelines for reclamation of acid and salt affected soils, specification for agriculturally useful microorganisms, codes of practices for improvement of soil qualities and nutrient status, codes and methods of sampling, mapping and analysis of soils.

B) To formulate Indian Standards for terminology; methods of sampling and test; codes of practice for handling, storage and packaging and specification for fertilizers (including primary, secondary and micronutrients), plants hormones and related products.

B) Liaison with :

i) ISO/TC 190 Soil Quality.

ii) ISO/TC 134 Fertilizers

iii) Central Fertilizer Committee (CFC)

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 294:1979	Superphosphate (second revision)	Mar 2006	1
2	IS 826:1980	Ammonium sulphate, fertilizer grade (second	Mar 2006	
3	IS 853:1964	Bone-meal, raw (revised)	Mar 2006	
4	IS 1013:1972	Triple superphosphate (first revision)	Mar 2006	
5	IS 1014:1956	Bone-meal, steamed	Mar 2006	
6	IS 1114:1964	Ammonium chloride, fertilizer grade (revised)	Mar 2006	1
7	IS 1304:1980	Glossary of terms used in fertilizer trade and industry (second revision)	Mar 2006	
8	IS 2409:1985	Calcium ammonium nitrate (second revision)	Mar 2006	
9	IS 2764:1980	Potassium sulphate, fertilizer grade (first revision)	Mar 2006	2
10	IS 2779:1980	Potassium chloride (muriate of potash), fertilizer grade (first revision)	Mar 2006	1
11	IS 3029:1964	Castorseed cake for fertilizer purpose	Mar 2006	1
12	IS 4830:1979	Ammonium phosphate sulphate, granular (first	Mar 2006	1
13	IS 5406:1979	Urea, fertilizer grade (first revision)	Mar 2006	
14	IS 5409(Part 1):1985	Agricultural liming materials Part 1: Hydrated lime and burnt lime (first revision)	May	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

15	IS 5409(Part 2):1985	Agricultural liming materials Part 2: Lime stone and dolomite (first revision)	May	2
16	IS 5985:1985	Code of practice for handling and storage of bagged fertilizers (first revision)	Mar 2006	
17	IS 6046:1982	Gypsum for agricultural use (first revision)	May	1
18	IS 6092(Part 1):1985	Methods of sampling and test for fertilizers (Part 1) Sampling (first revision)	Jun 2001	2
19	IS 6092(Part 2/Sec 1):2004	Methods of sampling and test for fertilizers : Part 2 Determination of nitrogen Section 1 Introduction	Mar 2006	
20	IS 6092(Part 2/Sec 2):2004	Methods of sampling and test for fertilizers : Part 2 Determination of nitrogen Section 2 Methods not covered under dual number standards	Mar 2006	
21	IS 6092(Part 2/Sec 3):2004 / ISO 4176: 1981	Methods of sampling and test for fertilizers : Part 2 Determination of nitrogen Section 3 Total nitrogen content - Titrimetric method after distillation		
22	IS 6092(Part 2/Sec 4):2004 / ISO 5314: 1981	Methods of sampling and test for fertilizers : Part 2 Determination of nitrogen Section 4 Ammoniacal nitrogen content - Titrimetric method after		
23	IS 6092(Part 2/Sec 5):2004	Methods of sampling and test for fertilizers : Part 2 Determination of nitrogen Section 5 Nitrate nitrogen content - Nitron gravimetric method		
24	IS 6092(Part 2/Sec 6):2004 / ISO 7408: 1983	Methods of sampling and test for fertilizers : Part 2 Determination of nitrogen Section 6 Ammoniacal nitrogen content in the presence of other substances which release ammonia when treated with sodium hydroxide - Titrimetric method		
25	IS 6092(Part 2/Sec 7):2004 / ISO 8603: 1993	Methods of sampling and test for fertilizers : Part 2 Determination of nitrogen Section 7 Urea nitrogen content - Solid fertilizers - Gravimetric method using xanthidrol		
26	IS 6092(Part 3/Sec 1):2004	Methods of sampling and test for fertilizers Part 3 Determination of Phosphorus Section 1	Mar 2006	
27	IS 6092(Part 3/Sec 2):2004	Methods of sampling and test for fertilizers Part 3 Determination of Phosphorus Section 2 Methods not covered under dual number standards	Mar 2006	
28	IS 6092(Part 3/Sec 3):2004 / ISO 5316: 1977	Methods of sampling and test for fertilizers Part 3 Determination of Phosphorus Section 3 Extraction of water - Soluble phosphates		
29	IS 6092(Part 3/Sec 4):2004 / ISO 6598: 1985	Methods of sampling and test for fertilizers Part 3 Determination of Phosphorus Section 4 Quinoline phosphomolybdate gravimetric method	Mar 2006	
30	IS 6092(Part 3/Sec 5):2004 / ISO 7497: 1984	Methods of sampling and test for fertilizers Part 3 Determination of Phosphorus Section 5 Extraction of phosphates soluble in mineral acids	Mar 2006	
31	IS 6092(Part 4):1985	Determination of potassium (first revision)	Jun 2001	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

32	IS 6092(Part 5):1985	Determination of secondary elements and micronutrients (first revision)	Jun 2001	1
33	IS 6092(Part 6):1985	Determination of moisture and impurities (first	Mar 2000	
34	IS 6448:1993	Diammonium phosphate - Specification (second revision)	Mar 2006	1
35	IS 6661:1972	Potassium schoenite	Mar 2006	
36	IS 7131:1973	Nitrophosphate based granulated fertilizers	Mar 2006	
37	IS 7863:1975	Fertilizer physical mixtures	Mar 2006	1
38	IS 8249:1994	Zinc sulphate heptahydrate, agricultural grade - Specification (First Revision)	Mar 2006	1
39	IS 8268:2001	RHIZOBIUM inoculants (second revision)	Mar 2006	
40	IS 8359:1993	Urea ammonium phosphate based fertilizers (first revision)	Mar 2006	
41	IS 8558:1977	NEEM cake for manuring	Mar 2006	
42	IS 8559:1977	MAHUA cake for manuring	Mar 2006	
43	IS 9024:1978	Granulated fertilizer mixtures	Mar 2006	1
44	IS 9138:1979	AZOTOBACTER CHROOCOCCUM inoculants (first revision)	Mar 2006	
45	IS 10170:1982	By-product gypsum	May	1
46	IS 12113:1987	Ferrous sulphate heptahydrate, Agricultural Grade	Mar 2006	
47	IS 12410:1988	Terminology related to soil reclamation	May	
48	IS 13921:1994	Chelated zinc (as Zn-EDTA), agricultural grade - Specification	Mar 2006	
49	IS 13922:1994	Chelated iron (as Fe-EDTA), agricultural grade - Specification	Mar 2006	
50	IS 14403:1996	Agriculture grade iron pyrites as soil amendment	May	
51	IS 14634:1998	Code of practice for application of blue green algae as bio-fertilizer in soil	May	
52	IS 14684:1998	Determination of Nitrogen and nitrogeneous compounds in soils	May	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

53	IS 14685:1999	Determination of sulphur and sulphur compounds in soils	May
54	IS 14765:2000	Determination of water retention capacity in soils	Mar 2006
55	IS 14766:2000	Determination of Aggregate size distribution and water stability of soil aggregate	Mar 2006
56	IS 14767:2000	Determination of electrical conductivity in soils	Mar 2006
57	IS 14806:2000	Azospirillum inoculant	Mar 2006
58	IS 14807:2000	Phosphate solubilizing bacterial inoculant	Mar 2006
59	IS 15106:2002 / ISO 11465	Determination of Drymatter and water content on a mass basis - Gravimetric method	
60	IS 15107:2002 / ISO 11276	Determination of pore water pressure - Tensiometer method	
61	IS 15108:2002 / ISO 11464	Pretreatment of samples for physico - Chemical analysis	
62	IS 15109(Part 1):2002 / ISO 11269-1	Determination of effects of pollutants on soil flora: Part 1 Method for the measurement of inhibition of root growth	
63	IS 15109(Part 2):2002 / ISO 11269-2	Determination of effects of pollutants on soil flora: Part 2 Effects of chemicals on the emergence & growth of higher plants	
64	IS 15343:2003	Pressmud for reclamation of sodic soil -	

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.FAD 7(1867)	Amendment No. 1 to IS 5406:1979
2	DOC.FAD 7(1923)	Methods of sampling and test for fertilizers Part 7 Determination of nitrogen, potassium and phosphorus by auto analyzer [IS 6092(Part 7)]

DRAFT STANDARDS COMPLETED WIDE CIRCULATION

1	DOC.FAD 7(2160)	Zinc sulphate monohydrate agricultural grade - specification
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DRAFT STANDARDS FORMULATED

1	DOC.FAD 7(0)	AZOTOBACTER CHROOCOCCUM inoculants (second revision of IS 9138:2002)
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* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

ASPECT WISE REPORT

PRODUCT	34
METHODS OF TEST	26
CODES OF PRACTICES	2
TERMINOLOGY	2

TOTAL : 64

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

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

FAD 8 FOOD ADDITIVES

SCOPE A) Food additives (colours, preservatives, antioxidants, synergists, emulsifying and stabilizing agents, flavours, etc) permitted under the Prevention of Food Adulteration Rules; their methods of test in food products; and food additives produced through the application of
 B) Physical and chemical methods of test pertaining to this committee including microbiological aspects
 C) General methodology for sensory evaluation including nutritional

SI. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 253:1985	Edible common salt (third revision)	Jul 2004	1
2	IS 594:1981	Specification for common salt for fish curing (second revision)	Oct 2005	
3	IS 1694:1994	Tartrazine, food grade (second revision)	Jul 2003	
4	IS 1695:1994	Sunset yellow FCF, food grade (second revision)	Jul 2003	
5	IS 1697:1994	Erythrosine, food grade (second revision)	Jul 2003	
6	IS 1698:1994	Indigo Carmine, food grade (second revision)	Jul 2003	
7	IS 1699:1995	Methods of sampling and test for food colours (second revision)		
8	IS 2557:1994	Annatto colour for food products (first revision)	Jul 2004	1
9	IS 2558:1994	Ponceau 4R, food grade (second revision)	Jul 2003	
10	IS 2697:1976	Specification for ammonium bicarbonate for food industry (first revision)	Jul 2003	1
11	IS 2923:1995	Carmoisine, food grade (second revision)	Jul 2003	
12	IS 2962:1964	Methods of sampling and test for KATTHA		
13	* IS 3827:1966	Riboflavin (Lactoflavin)	Jul 2003	1
14	* IS 3841:1966	B-Carotene	Jul 2003	1
15	IS 4359:1967	KATTHA		1
16	IS 4446(Part 1):1986	Chlorophyll Part 1 Magnesium complex (first	Jul 2003	

* INDICATES STANDARDS UNDER REVISION
 / INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
 / INDICATES EQUIVALENT STANDARDS

17	IS 4446(Part 2):1986	Chlorophyll Part 2 Copper complex	Jul 2003	
18	IS 4447:1994	Sodium benzoate, food grade (first revision)	Jul 2003	2
19	IS 4448:1994	Benzoic acid, food grade (first revision)	Jul 2003	1
20	IS 4467:1996	Caramel (second revision)		
21	IS 4750:1996	Sorbitol, powder, food grade (first revision)		1
22	IS 4751:1994	Potassium metabisulphite, food grade (first	Jul 2003	
23	IS 4752:1994	Sodium metabisulphite, food grade (first revision)	Jul 2003	1
24	IS 4753:1996	Potassium nitrate, food grade (second revision)		
25	IS 4818:1996	Sorbic acid, food grade (first revision)	Jul 2003	
26	IS 5055:1996	Lecithin, food grade (first revision)		1
27	IS 5056:1969	Common names for coaltar, food colours		
28	IS 5057:1997	Potassium nitrite, food grade (first revision)		
29	IS 5058:1996	Sodium citrate, food grade (first revision)		
30	IS 5191:1993	Sodium alginate, food grade (first revision)	Jul 2003	1
31	IS 5306:1996	Sodium carboxymethyl cellulose, food grade (second revision)	Jul 2003	1
32	IS 5342:1996	Ascorbic acid, food grade (first revision)	Jul 2003	1
33	IS 5343:1996	Butylated hydroxyanisole, food grade (first	Jul 2003	1
34	IS 5345:1996	Sodium saccharin, food grade (second revision)		
35	IS 5346:1994	Synthetic food colour - Preparations and mixtures (second revision)	Jul 2004	1
36	IS 5707:1996	Agar, food grade (first revision)		1
37	IS 5708:1996	Sodium tartrate, food grade (first revision)		

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

38	IS 5709:1997	Calcium saccharin, food grade (second revision)		
39	IS 5719:2005	Gelatin, food grade (first revision)		
40	IS 6022:1994	Fast green FCF, food grade (second revision)	Jul 2003	
41	IS 6030:1997	Sodium propionate, food grade (first revision)	Jul 2003	1
42	IS 6031:1997	Calcium propionate, food grade (first revision)	Jul 2003	1
43	IS 6120:1971	Method of test for total dye content in food colour preparations		
44	IS 6385:1997	Saccharin, food grade (second revision)	Jul 2003	1
45	IS 6386:1971	Beta-apo-8 carotenal, food grade	Jul 2003	1
46	IS 6405:1971	Canthaxanthine, food grade	Jul 2003	1
47	IS 6406:1994	Brilliant blue, FCF, food grade (second revision)	Jul 2003	
48	IS 6793:1996	Fumaric acid, food grade (first revision)		1
49	IS 6794:1997	Dodecyl gallate, food grade (first revision)	Jul 2003	1
50	IS 6795:1972	Acacia (Arabic) gum, food grade (first revision)		
51	IS 6796:1997	Propyl gallate, food grade (first revision)	Jul 2003	1
52	IS 6797:1972	Methyl ester of Beta-apo-8 carotenoic acid	Jul 2003	1
53	IS 6798:1997	Octyl gallate, food grade (first revision)	Jul 2003	1
54	* IS 7224:1985	Iodized salt (third revision)		
55	IS 7237:1997	Carob bean gum, food grade (first revision)	Jul 2003	1
56	IS 7238:1997	Tragacanth gum, food grade (first revision)	Jul 2003	1
57	IS 7239:1974	Gum ghatti, food grade (first revision)	Jul 2003	
58	IS 7260:1974	Ethyl ester of Beta-apo-8 `carotenoic acid' food	Jul 2003	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

59	IS 7584:1975	Reference food colour boxes		1
60	IS 7905:1996	Calcium Alginate, food grade (first revision)	Jul 2003	1
61	IS 7908:1997	Sulphur dioxide, food grade (first revision)	Jul 2003	1
62	IS 7928:1993	Alginic acid, food grade (first revision)	Jul 2003	2
63	IS 8356:1993	Titanium dioxide, food grade (first revision)		
64	IS 9504:1980	L(+)-Tartaric acid, food grade (first revision)	Jul 2003	
65	IS 9505:1980	Monosodium L-Glutamate, food grade (first revision)	Jul 2004	1
66	IS 9605:1992	Alpha-amylase, food grade (first revision)	Jul 2003	
67	IS 9953:1981	Glyceryl monostearate, food grade		1
68	IS 9970:1981	Dicalcium phosphate, food grade	Jan 2001	
69	IS 9971:1981	Lactic acid, food grade	Jul 2003	
70	IS 10502:1993	Guar gum, food grade (first revision)	Jul 2004	
71	IS 10508:1983	Phosphoric acid, food grade	Jan 2001	
72	IS 10563:1983	Mineral oil, food grade	Jul 2003	
73	IS 11686:1997	Iso-propyl alcohol, food grade (first revision)	Jul 2003	
74	IS 11909:1986	Sweet orange oil, cold pressed, food grade	Jul 2003	
75	IS 11910:1986	Spearmint oil, food grade	Jul 2003	
76	IS 11911:1986	Caffeine, food grade	Jul 2003	
77	IS 11912:1986	Lime oil, distilled food grade	Jul 2003	
78	IS 11913:1986	Tert-Butylhydroquinone (TBHQ)	Jul 2003	
79	IS 12342(Part 1):1988	Raw Seaweeds Part 1 Agarophytes	Jul 2004	

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

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

80	IS 12342(Part 2):1988	Raw Seaweeds Part 2 Alginophytes	Jul 2004
81	IS 12408:1988	Gum Karaya, food grade	Jul 2004
82	IS 12981:1991	Iron fortified common salt	Jan 2001
83	IS 13186:1991	Citric acid, food grade	Jul 2003
84	IS 13462:1992	Ascorbyl palmitate, food grade	Jul 2003
85	IS 13657:1993	Aspartame, food grade	Jul 2003
86	IS 13658:1993	Polyglycerol esters of fatty acids, food grade	Jul 2004
87	IS 13659:1993	Polyglycerol esters of interestrified ricinoleic acid, food grade	Jul 2004
88	IS 13702:1993	Propylene glycol, food grade	Jul 2004
89	IS 13704:1993	Glycerol ester of wood rosin (ester gums), food	Jul 2004
90	IS 14123:1994	Sodium ascorbate, food grade	Jul 2004
91	IS 14124:1994	Malic acid, food grade	Jul 2004
92	IS 14125:1994	DL-Tartaric acid, food grade	Jul 2004

FINALISED DRAFTS UNDER PRINT

1	DOC.FAD 8(1473)	Gelatin, food grade - Specification (first revision of IS 5719)
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DRAFT STANDARDS COMPLETED WIDE CIRCULATION

1	DOC.FAD 8(1430)	Draft Amendment No. 1 to IS 13186:1991
2	DOC.FAD 8(1431)	Draft Amendment No. 1 to IS 4467:1996
3	DOC.FAD 8(1432)	Potassium iodate, food grade - Specification
4	DOC.FAD 8(1435)	Iodized salt and refined iodized salt - Specification (second revision of IS 7224)
5	DOC.FAD 8(1436)	Draft Amendment No. 1 to IS 1698:1994
6	DOC.FAD 8(1437)	Draft Amendment No. 1 to IS 2558:1994

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

7	DOC.FAD 8(1469)	Riboflavin - Specification (first revision of IS 3827)
8	DOC.FAD 8(1470)	Carotene - Specification (first revision of IS 3841)
9	DOC.FAD 8(1471)	Chlorophyll Part 1 Magnesium complex– Specification [second revision of IS 4446(Part 1)]
10	DOC.FAD 8(1472)	Chlorophyll Part 2 Copper complex– Specification [second revision of IS 4446(Part 2)]
11	DOC.FAD 8(1569)	Draft Amendment No. 1 to IS 13658:1993
12	DOC.FAD 8(1570)	Draft Amendment No. 1 to IS 13659:1993
13	DOC.FAD 8(1571)	Draft Amendment No. 1 to IS 13704:1993
14	DOC.FAD 8(1572)	Draft Amendment No. 1 to IS 14125:1994
15	DOC.FAD 8(1573)	Draft Amendment No. 1 to IS 13702:1993
16	DOC.FAD 8(1574)	Draft Amendment No. 1 to IS 13186:1991
17	DOC.FAD 8(1575)	Draft Amendment No. 1 to IS 7908:1997
18	DOC.FAD 8(1576)	Draft Amendment No. 1 to IS 5055:1996
19	DOC.FAD 8(1577)	Draft Amendment No. 1 to IS 6385:1997
20	DOC.FAD 8(1578)	Draft Amendment No. 1 to IS 6794:1997
21	DOC.FAD 8(1579)	Draft Amendment No. 1 to IS 6796:1997
22	DOC.FAD 8(1580)	Draft Amendment No. 1 to IS 6798:1997
23	DOC.FAD 8(1581)	Draft Amendment No. 1 to IS 7237:1997
24	DOC.FAD 8(1582)	Draft Amendment No. 1 to IS 7238:1997
25	DOC.FAD 8(1583)	Potassium nitrate, food grade - Specification (second revision of IS 4753)
26	DOC.FAD 8(1584)	Draft Amendment No. 1 to IS 10502:1993
27	DOC.FAD 8(1585)	Draft Amendment No. 1 to IS 9953:1981

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

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

28	DOC.FAD 8(1586)	Phosphoric acid, food grade - Specification (first revision of IS 10508)
29	DOC.FAD 8(1587)	Gum ghatti, food grade - Specification (first revision of IS 7239)
30	DOC.FAD 8(1588)	Acacia (Arabic) gum, food grade - Specification (first revision of IS 6795)
31	DOC.FAD 8(1589)	Monosodium L-Glutamate, food grade - Specification (first revision of IS 9505)
32	DOC.FAD 8(1590)	L(+)-Tartaric acid, food grade - Specification (first revision of IS 9504)
33	DOC.FAD 8(1592)	Draft Amendment No. 1 to IS 4467:1996

ASPECT WISE REPORT

PRODUCT	88
METHODS OF TEST	3
TERMINOLOGY	1

TOTAL : 92

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

FAD 9 SPICES AND CONDIMENTS

- SCOPE** A) Spices and Condiments
 B) General methodology for sensory evaluation including nutritional aspects
 C) Liaison with ISO/TC 34/SC 7 Spices and condiments and

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 1797:1985 ISO 927:1982	Methods of test for spices and condiments (second revision) (IS 1797:1985 is also technically equivalent with ISO 928:1980, 930:1980, 939:1980, , 941:1980 in addition to ISO 927)	Dec	2
2	IS 1798:1982	Black pepper, whole and ground (first revision)	Jan 2001	
3	IS 1877:1985	Terminology for spices and condiments (second revision)	Dec	
4	IS 1907:1984	Cardamom (capsules and seeds) (second revision)	Dec	1
5	IS 1908:1993	Ginger, whole and ground (second revision)	Dec	1
6	IS 1909:1992	Indian curry powder (first revision)	Dec	1
7	IS 2322:1998	Chillies, whole and ground(powdered)(second	Dec	
8	IS 2323:1983	Mustard, whole and ground (first revision)	Dec	2
9	IS 2443:1994	Coriander, whole and ground (second revision)	Dec	
10	IS 2447:1993	Cumin, whole (second revision)	Dec	1
11	IS 3576:1994	Turmeric, whole and ground (second revision)	Dec	1
12	IS 3795:1993	Fenugreek, whole and ground (first revision)	Dec	2
13	IS 3796:1993	Fennel seeds, whole (first revision)	Dec	2
14	IS 3797:1993	Celery seeds (first revision)	Dec	2
15	IS 4403:1979	Ajowan (first revision)	Dec	
16	IS 4404:1992	Cloves, whole and ground (second revision)	Dec	
17	IS 4452:1967	Dehydrated onion	Dec	2

* INDICATES STANDARDS UNDER REVISION
 / INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
 / INDICATES EQUIVALENT STANDARDS

18	IS 4811:1992	Cinnamon, whole (first revision)	Dec	
19	IS 5452:1994	Dehydrated garlic (first revision)	Dec	1
20	IS 5453(Part 1):1996 ISO 3632-1:1993	Saffron, Part 1 - Specification (second revision)	Dec	
21	IS 5453(Part 2):1996 / ISO 3632-2:1993	Saffron - Part 2 Method of test	Jan 2001	
22	IS 5832:1984	Black pepper oleoresin (second revision)	Dec	
23	* IS 5955:1993	Tamarind concentrate (first revision)	Dec	2
24	* IS 6364:1993	Tamarind pulp (second revision)	Dec	2
25	IS 7807:1975	Method of test for Asafoetida	Jan 2003	
26	IS 7826:1984	Ginger oleoresin (first revision)	Dec	
27	IS 8104:1996 / ISO 3513:1995	Method for test for pungency of chillies by scoville heat units (first revision)	Nov	
28	IS 8105:1976	Method for sensory evaluation of pungency of black pepper by scoville heat units	Nov	
29	IS 9486:1980	Dehydrated green pepper	Dec	1
30	IS 10925:1984	Turmeric oleoresin	Dec	1
31	IS 11300:1985	Caraway seeds	Dec	1
32	IS 11582:1986	Method for sensory evaluation of pungency of ginger by scoville units	Nov	
33	IS 13145:1993	Spices and Condiments - Methods of sampling (first revision)	Mar 2005	1
34	IS 13242:1991	Amchur, raw mango [MANGIFERA INDICA (LINN)] powder	Dec	1
35	IS 13446:1999 / ISO 10622:1997	Large cardamom (first revision)	Dec	
36	IS 13474:1992	Green pepper canned in brine	Dec	1
37	IS 13545:1992	Garam masala	Dec	
38	IS 13644:1992	Dry Kokum	Dec	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

39	IS 13663:1993	Chillies oleoresin	Dec	2
40	IS 13895:1994	Tamarind powder	Dec	1
41	IS 15459:2004 / ISO 3493:1999	Vanilla - Vocabulary		
42	IS 15460(Part 1):2004 / ISO 5565-1:1999	Vanilla : Part 1 Specification		
43	IS 15460(Part 2):2004 / ISO 5565-2:1999	Vanilla : Part 2 Test methods		

FINALISED DRAFTS UNDER PRINT

1	DOC.FAD 9(1678)	Amendment No. 1 to IS 2322:1998		
2	DOC.FAD 9(1420)	Ground (powdered) paprika - Determination of total natural colouring matter content (adoption of ISO 7541:1989)		
3	DOC.FAD 9(1421)	Ground (powdered) paprika (<i>Capsicum annuum</i> Linnaeus) - Microscopical examination (adoption of ISO 7542:1984)		
4	DOC.FAD 9(1422)	Chillies and chilli oleoresins - Determination of total capsaicinoid content - Part 1: Spectrometric method (adoption of ISO 7543-1:1994)		
5	DOC.FAD 9(1423)	Chillies and chilli oleoresins - Determination of total capsaicinoid content - Part 2: Method using high-performance liquid chromatography (adoption of ISO 7543-2:1993)		
6	DOC.FAD 9(1424)	Pepper and pepper oleoresins - Determination of piperine content - Method using high-performance liquid chromatography (adoption of ISO		

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.FAD 9(1611)	Draft Amendment No. 1 to IS 1877:1985		
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ASPECT WISE REPORT

PRODUCT	33
METHODS OF TEST	5
TERMINOLOGY	2
OTHERS	3

TOTAL : 43

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

FAD 10 PROCESSED FRUITS AND VEGETABLE PRODUCTS

- SCOPE**
- A) All aspects of processed fruits and vegetables, dried fruits and mushrooms
 - B) Physical and chemical methods of test pertaining to this committee including microbiological aspects
 - C) General methodology for sensory evaluation including nutritional
 - D) Liaison with
 - i) ISO/TC 34/SC 3 Fruit and Vegetable products;
 - ii) ISO/TC 34/SC 14 Fresh, Dry and Dried Fruits and Vegetables

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 2860:1964	Methods of sampling and test for processed fruits and vegetables	Jan 2001	1
2	IS 2867:1964	Canned mangoes	Sep 2005	1
3	IS 2868:1964	Canned pineapples	Sep 2005	2
4	IS 2869:1964	Canned orange segments	Sep 2005	2
5	IS 3245:1965	Canned peas	Sep 2005	2
6	IS 3246:1976	Canned Okra (BHINDI) (first revision)	Sep 2005	1
7	IS 3247:1976	Canned bitter gourd (KARELA) (first revision)	Sep 2005	1
8	IS 3248:1993	Canned tomatoes (first revision)	Feb 2003	1
9	IS 3500:1966	Mango chutney	Sep 2005	1
10	IS 3501:1966	Pickles	Sep 2005	1
11	IS 3543:1966	Papain	Sep 2005	
12	IS 3547:1976	Mango nectar (first revision)	Sep 2005	1
13	IS 3880:1976	Canned mango pulp (first revision)	Sep 2005	1
14	IS 3881:1993	Tomato juice (first revision)	Feb 2003	1
15	IS 3882:1966	Tomato ketchup	Sep 2005	1
16	IS 3883:1993	Canned Tomato Concentrate - Tomato puree (first revision)	Sep 2005	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

17	IS 3884:1993	Canned tomato concentrate - Tomato paste (first revision)	Sep 2005	1
18	IS 4624:1978	Dehydrated peas (first revision)	Sep 2005	1
19	IS 4625:1968	Dehydrated carrots	Sep 2005	1
20	IS 4626:1978	Dehydrated potatoes (first revision)	Sep 2005	2
21	IS 4627:1968	Dehydrated cabbage	Sep 2005	1
22	IS 4628:1978	Dehydrated okra (BHINDI) (first revision)	Sep 2005	1
23	IS 4935:1968	Synthetic syrups	Sep 2005	1
24	IS 4936:1968	Fruit squashes	Sep 2005	1
25	IS 5781:1993 / ISO 1026:1982	Fruit and vegetable products - Determination of dry matter content under reduced pressure and of water content by azeotropic distillation (first	Feb 2003	
26	IS 5800:2003	Orange juice preserved exclusively by physical means - Specification (first revision)		
27	IS 5861:1993	Jams, jellies and marmalades (first revision)	Feb 2003	1
28	IS 6028:2002 / ISO 931:1980	Green bananas - Guide to storage and transport (second revision)		
29	IS 6669:2001 / ISO 1212:1995	Apples - Guide to cold storage (first revision)	Sep 2005	
30	IS 6670:1972	Guide for storage of potatoes	Sep 2005	
31	IS 7191:2001 / ISO 5524:1991	Tomatoes - Guide to cold storage and refrigerated transport (first revision)	Sep 2005	
32	IS 7192:1974	Guide for storage of citrus fruits	Sep 2005	
33	IS 7252:1974	Guide for testing of physical conditions in cold	Jan 2001	
34	IS 7730:1975	Guide for storage of pears	Sep 2005	
35	IS 7731:1975 ISO 873:1980	Guide for storage of peaches	Sep 2005	
36	IS 7732:2003	Apple juice preserved exclusively by physical means - Specification (first revision)		1
37	IS 7749:1975	Walnuts	Feb 2003	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

38	IS 7750:1975	Cashew kernels	Feb 2003	
39	IS 8153:1986	Method for sensory evaluation of fresh fruits (first revision)	Nov	
40	IS 8713:2003	Mango juice preserved exclusively by physical means - Specification (first revision)		
41	IS 8786:1978	Okra (BHINDI) canned in tomato sauce	Sep 2005	1
42	IS 9303:1979	Guide for cold storage of table grapes	Sep 2005	
43	IS 9304:1979	Guide for storage of mangoes	Sep 2005	
44	IS 9311:2001 / ISO 1673:1991	Onions - Guide to storage (first revision)	Sep 2005	
45	IS 9789:1981	Canned apricot	Sep 2005	1
46	IS 9790:1981	Canned french beans	Sep 2005	1
47	IS 9791:1981	Canned TINDA	Sep 2005	1
48	IS 9811:1981	Canned KUNDRI	Sep 2005	1
49	IS 9812:1981	Canned spinach	Sep 2005	1
50	IS 9822:1981	Canned PARWAL	Sep 2005	1
51	IS 9823:1981	Canned potatoes	Sep 2005	1
52	IS 10252:1982	Canned carrot in brine	Sep 2005	1
53	IS 10253:1982	Canned papaya in syrup	Sep 2005	1
54	IS 11965:1987 / ISO 6000:1981	Round-headed cabbage - Storage in the open	Sep 2005	
55	IS 11966:1997 / ISO 6663:1995	Garlic - Guide to cold storage (first revision)	Mar 2004	
56	IS 11977:1987 / ISO 3959:1977	Green bananas - Ripening condition	Sep 2005	
57	IS 13815:1993 / ISO 2173:1978	Fruit and vegetable products - Determination of soluble solids content - Refractometric method	Feb 2003	
58	IS 13816:1993 / ISO 762:1982	Fruit and vegetable products - Determination of mineral impurities content	Feb 2003	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

59	IS 13844:2003 / ISO 750:1981	Fruits and vegetable products - Determination of titratable acidity (first revision)	
60	IS 13845:2003 / ISO 751:1981	Fruits and vegetable products - Determination of water-insoluble solid content (first revision)	
61	IS 13846:1993 / ISO 763:1982	Fruit and vegetable products - Determination of ash insoluble in hydrochloric acid	Feb 2003
62	IS 14266:1995	Canned mushrooms	Sep 2005
63	IS 14267(Part 1):1995	Quick frozen vegetables : Part 1 Quick frozen peas	Sep 2005
64	IS 14267(Part 2):1995	Quick frozen vegetables : Part 2 Quick frozen	Sep 2005
65	IS 14267(Part 3):1995	Quick frozen vegetables : Part 3 Quick frozen couliflower	Sep 2005
66	IS 14267(Part 4):1995	Quick frozen vegetables : Part 4 Quick frozen green beans and quick frozen wax beans	Sep 2005
67	* IS 14703:1999	Vinegar - Specification	Mar 2004
68	IS 15088:2001	Lemon juice preserved exclusively by physical means - Specification	Sep 2005
69	IS 15089:2002	Pineapple juice preserved exclusively by physical means - Specification	
70	IS 15095:2002	Concentrated pineapple juice preserved exclusively by physical means	
71	IS 15096:2002 / ISO 2448:1998	Fruits and vegetable products - Determination of ethanol content	
72	IS 15273:2003	Concentrated orange juice preserved exclusively by physical means	
73	IS 15529:2004 / ISO 1955:1982	Citrus fruits & derived products - Determination of essential oils content (Reference method)	

FINALISED DRAFTS UNDER PRINT

1	DOC.FAD 10(1519)	Dehydrated bamboo shoot - Specification
2	DOC.FAD 10(1520)	Canned bamboo shoot - Specification
3	DOC.FAD 10(1538)	Bamboo shoot in brine
4	DOC.FAD 10(1539)	Dry salted bamboo shoot
5	DOC.FAD 10(1540)	Storage & transportation of bamboo shoot

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

- | | | |
|---|------------------|---|
| 1 | DOC.FAD 10(1357) | Fruits, vegetables and derived products -
Determination of volatile acidity (adoption of ISO
6632:1981) |
|---|------------------|---|

DRAFT STANDARDS APPROVED FOR WIDE CIRCULATION

- | | | |
|---|------------------|--|
| 1 | DOC.FAD 10(1647) | Fruit and vegetable products - Determination of
soluble solids content - Refractometric method
(first revision of IS 13815) (adoption of ISO |
| 2 | DOC.FAD 10(1648) | Fruit and vegetable products - Determination of
mineral impurities content (first revision of IS
13816) (adoption of ISO 762:2003) |
| 3 | DOC.FAD 10(1649) | Fruit and vegetable products - Determination of
ash insoluble in hydrochloric acid (first revision of
IS 13846) (adoption of ISO 763:2003) |

ASPECT WISE REPORT

PRODUCT	49
METHODS OF TEST	9
CODES OF PRACTICES	14
OTHERS	1

TOTAL : 73

** INDICATES STANDARDS UNDER REVISION*

/ INDICATES DUAL NUMBER STANDARDS

*** INDICATES STANDARDS TO BE REVISED*

/ INDICATES EQUIVALENT STANDARDS

FAD 11 AGRICULTURAL TRACTORS AND POWER TILLERS

- SCOPE** A) Agricultural tractors, power tillers and their attachments (excluding the engine components of tractors and power tillers common to
 B) Liaison with:
 i) ISO/TC 23/SC 2 Common tests
 ii) ISO/TC 23/SC 3 Safety and comfort of the operator
 iii) ISO/TC 23/SC 4 Tractor
 iv) ISO/TC 23/SC 14 Operator control, operator symbols and other displays, operator manuals

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 789(Part 8):1996 / ISO 789-8:1991	Agricultural tractors - Test procedure: Part 8 Engine air cleaner	Sep 2000	
2	IS 4468(Part 1):1997 / ISO 730-1:1994	Agricultural wheeled tractors - Rear-mounted three-point linkage: Part 1 Categories 1, 2 3 & 4 (fourth revision)	Dec	
3	IS 4468(Part 2):1993 / ISO 730-2:1979	Agricultural wheeled tractors - Three-point linkage: Part 2 Category 1 N (Narrow Hitch) (third revision)	Dec	
4	IS 4931:1995	Agricultural tractors - Rear mounted power take off Types 1, 2 and 3 (third revision)	Oct 2004	
5	IS 5994:1998	Agricultural Tractor - Test code (third revision)	Dec	
6	* IS 6283(Part 1):1998 / ISO 3767-1:1991	Tractors and machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays Part 1 : Common Symbols (first revision)	Oct 2004	1
7	* IS 6283(Part 2):1998 / ISO 3767-2:1991	Tractors and machinery for agriculture and forestry, powered lawn and garden equipment - symbols for operator controls and other displays : Part 2 Symbols for agricultural tractors and	Dec	
8	IS 6483:2004	Linch pin assembly (first revision)		
9	IS 6840:1972	Code of practice for preventive maintenance of agricultural wheeled tractor	Sep 2000	
10	IS 6847:1995	Code of practice for installation of agricultural wheeled tractor (first revision)	Oct 2004	
11	IS 8132:1999 ISO 3600:1986	Tractors and machinery for agriculture and forestry - Powered lawn and garden equipment - Operators manuals - Content and presentation (second	Oct 2004	
12	IS 8133:1983 ISO 3789:1982	Guidelines for location and operation of operator controls on agricultural tractors and machinery (first revision)	Oct 2004	1
13	IS 8265:1996	Agricultural tractors - Guards for power take-off (PTO) drive-shafts (second revision)	Dec	
14	IS 9253:2001	Guideline for field performance and haulage tests of agricultural wheeled tractors (second revision)		1

* INDICATES STANDARDS UNDER REVISION
 / INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
 / INDICATES EQUIVALENT STANDARDS

15	IS 9864:1981	Guidelines for stocking spare parts of agricultural tractors	Sep 2000	
16	IS 9869:1981	Technical requirements for power take-off pulley assembly for agricultural tractors	Sep 2000	1
17	IS 9935:2002	Test code for power tiller (first revision)		
18	IS 9939:1981	Glossary of terms relating to agricultural tractors and power tillers	Sep 2000	
19	IS 9980:1988	Guidelines for field performance and haulage tests of power tillers (first revision)	Oct 2004	
20	IS 10273:1987	Guidelines for declaration of power and specific fuel consumption and labelling of agricultural tractors (first revision)	Oct 2004	1
21	IS 10274:1993	Agricultural wheeled tractors - Maximum travel speed - Method of determination (first revision)	Dec	
22	IS 10282:1982	Cage wheel for power tillers	Oct 2004	
23	IS 10318:2002 / ISO 5673:1993	Agricultural tractors and machinery - Power take-off drive shafts and position of power-input connection (first revision)		
24	IS 10703:1992 ISO/TR 3778:1987	Agricultural tractors - Maximum actuating forces required to operate controls (first revision)	Dec	1
25	IS 10740:1983	Recommendation for operating requirement for power take-off driven implements	Oct 2004	
26	IS 10743:1983 ISO 789-6:1982	Method for determination of centre of gravity of agricultural tractors	Oct 2004	
27	IS 10747:1983	Dimensions of hitch for power tillers	Oct 2004	
28	IS 11081:1993	Agricultural tractors - Half cage wheel (first	Dec	1
29	IS 11082:1984	Technical requirements of agricultural tractors for wet land cultivation	Sep 2000	
30	IS 11442:1996 / ISO 5721:1989	Method of test for operator's field of vision of agricultural tractors (first revision)	Dec	
31	IS 11821(Part 1):1992 / ISO 3463:1989	Method of test and acceptance conditions for protective structures of agricultural tractors: Part 1 Dynamic test (first revision)	Sep 2000	
32	IS 11821(Part 2):1992 / ISO 5700:1989	Method of test and acceptance conditions for protective structures of agricultural tractors: Part 2 Static test (first revision)	Sep 2000	
33	IS 11822:1986	Methods of tests for spark arrester of agricultural tractors and power tillers	Sep 2000	1
34	IS 11858:1986	Handle grip for power tiller	Sep 2000	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

35	IS 11859:2004	Method for determination of turning and clearance diameter of agricultural tractors		
36	IS 12036:1995	Agricultural tractors - Test procedures - Power tests for power take off (first revision)	Oct 2004	
37	IS 12061:1994	Agricultural tractors - Braking performance - Method of test (first revision)	Dec	1
38	IS 12062:1987	Method for measurement of exhaust smoke emitted by agricultural tractors	Oct 2004	
39	IS 12180(Part 1):2000	Tractors and machinery for agriculture and forestry - Noise measurement - Method of test : Part 1 Noise at the operator position - Survey method		1
40	IS 12180(Part 2):2000	Tractors and machinery for agriculture and forestry - Noise measurement - Method of test : Part 2 Noise emitted when in motion (first revision)		
41	* IS 12207:1999	Agricultural Tractors - Recommendations on selected performance characteristic tractors (first	Oct 2004	
42	IS 12224:1987	Method of test for hydraulic power and lifting capacity of agricultural tractors	Oct 2004	1
43	IS 12226:1995	Agricultural tractors - Power tests for drawbar - Test procedure (first revision)	Oct 2004	
44	IS 12239(Part 1):1996 / ISO 4254-1:1989	Guide for safety and comfort of operator of agricultural tractors and power tillers : Part 1 General requirements (first revision)	Sep 2000	
45	IS 12239(Part 2):1999	Tractors and machinery for agriculture and forestry - Technical means for ensuring safety Part 2: Tractors (first revision)	Oct 2004	
46	IS 12239(Part 3):1988	Guide for safety and comfort of operator of agricultural tractors and power tillers: Part 3 Requirements relating to power tillers	Oct 2004	
47	IS 12343:1998	Agricultural tractors - Operators seat technical requirements (first revision)	Dec	
48	* IS 12362(Part 1):1993 / ISO 6489-1:1991	Agricultural vehicles - Mechanical connections on towing vehicles - Part 1: Hooktype (first revision)	Dec	
49	IS 12362(Part 3):1994 / ISO 6489-3:1992	Agricultural vehicles - Mechanical connections on towing vehicles - Part 3: Tractor drawbar (first	Dec	
50	IS 12363:1988	Recommendation on track width of agricultural	Oct 2004	
51	IS 12953:1990	Drawbar for agricultural tractors - Link type	Sep 2000	
52	IS 13064:1991	Power tillers - Installation and preventive maintenance - Guidelines	Sep 2000	
53	IS 13539:1992	Power tillers - Selected performance characteristics - Recommendations	Sep 2000	
54	IS 13548:1992 / ISO 5008:1979	Agricultural wheeled tractors and field machinery - Measurement of whole body vibration of the	Sep 2000	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

55	IS 13549:1992 / ISO 5676:1983	Tractors and machinery for agriculture and forestry - Hydraulic coupling - Braking circuits	Sep 2000
56	IS 13581:1993 / ISO 5007:1990	Agricultural wheeled tractors - Operator's seat - Laboratory measurement of transmitted vibration	Dec
57	IS 13642:1993	Agricultural tractors - Silencers - Technical requirements	Dec
58	IS 13732:1993 / ISO 5675:1992	Agricultural tractors and machinery - General purpose quick-action hydraulic couplers	Dec
59	IS 14414:1996 / ISO 5721:1996	Agricultural tractors - Axle power determination - Test procedures	Sep 2000
60	IS 14683:1999	Agricultural tractors and machinery - Lighting device for travel on public roads	Oct 2004
61	IS 14980(Part 1):2001 / ISO 8759-1:1998	Agricultural wheeled tractors - Front mounted equipment : Part 1 Power take-off and three point linkage	
62	IS 14980(Part 2):2001 / ISO 8759-2:1998	Agricultural wheeled tractors - Front mounted equipment : Part 1 Power take-off and three point linkage	

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.FAD 11(1546)	Draft Indian Standard - Agricultural vehicles - Mechanical connection between towed and towing vehicles : Part 1 Dimensions of hitch hooks [Second revision of IS 12362(Part 1)]
2	DOC.FAD 11(1548)	Draft Indian Standard - Tractors and machinery for agriculture and forestry - Powered lawn and garden equipment - Symbols for operator controls and other displays: Part 1 Common Symbols [Second revision of IS 6283(Part 1)]
3	DOC.FAD 11(1560)	Draft amendment No. 2 to IS 12224:1987 Method of test for hydraulic power and lifting capacity of agricultural tractors
4	DOC.FAD 11(1596)	Draft Amendment No. 1 to IS 12062:1987 Method of measurement of exhaust smoke emitted by agricultural tractors
5	DOC.FAD 11(1597)	Draft Amendment No. 1 to IS 4931:1995 Agricultural tractors - Rear mounted power take off types 1,2 and 3 (third revision)
6	DOC.FAD 11(1598)	Draft amendment No. 3 to IS 12224:1987 Method of test for hydraulic power and lifting capacity of agricultural tractors
7	DOC.FAD 11(1599)	Draft Amendment No. 1 to IS 12226:1995 Agricultural tractors - Power tests for drawbar -
8	DOC.FAD 11(1600)	Draft Amendment No. 2 to IS 9253:2001 Agricultural tractors - Field performance and haulage tests - Guidelines

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

DRAFT STANDARDS FORMULATED

- | | | |
|---|------------------|--|
| 1 | DOC.FAD 11(1545) | Proposed draft Indian Standards Tractors and machinery for agriculture and forestry - Powered lawn and garden equipment - Symbols for operator controls and other displays: Part 2 Symbols for agricultural tractors and machinery [SR of IS |
| 2 | DOC.FAD 11(1547) | Proposed draft Indian Standard Agricultural tractors - Recommendations and selected performance characteristics tractors (Second revision of IS |

ASPECT WISE REPORT

PRODUCT	22
METHODS OF TEST	22
CODES OF PRACTICES	10
TERMINOLOGY	1
DIMENSIONS	1
SYMBOLS	2
OTHERS	4

TOTAL : 62

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

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

FAD 12 FISH AND FISHERIES PRODUCTS

SCOPE A) Fresh and processed fish and fisheries products
 B) Physical, chemical and microbiological methods of test - pertaining to this committee

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	* IS 2168:1971	Pomfret canned in oil (first revision)	Jan 2005	
2	** IS 2236:1968	Prawns/shrimp caned in brine (first revision)	Jan 2005	
3	** IS 2237:1997	Frozen prawns/shrimp (third revision)	Mar 2003	1
4	IS 2885:1975	Frozen frog legs (first revision)	Jan 2005	1
5	IS 3336:1965	Shark liver oil for veterinary use	Jan 2005	
6	** IS 3892:1975	Frozen lobster tails (first revision)	Jan 2005	1
7	* IS 4304:1976	Tuna canned in oil (first revision)	Jan 2005	1
8	* IS 4780:1978	Pomfret, fresh (first revision)	Jan 2005	
9	* IS 4793:1997	Pomfret, frozen (second revision)	Jan 2005	
10	IS 5734:1970	Sardine oil	Jan 2005	1
11	IS 6121:1985	LACTARIUS sp canned in oil (first revision)	Mar 2000	
12	** IS 6122:1997	Seer fish (SCOMBEROMORUS sp) frozen (first revision)	Mar 2003	
13	** IS 6123:1971	Seer fish (SCOMBEROMORUS, sp) canned in brine and in their juice	Jan 2005	
14	** IS 7143:1973	Crab meat, canned in brine	Jan 2005	1
15	IS 7313:1974	Glossary of important fish species of India	Jan 2005	
16	** IS 7582:1975	Crab meat, solid packed	Jan 2005	
17	IS 8076:2000	Frozen cuttle fish and squid	Jan 2005	
18	IS 9808:1981	Fish protein concentrate	Jan 2005	

* INDICATES STANDARDS UNDER REVISION
 / INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
 / INDICATES EQUIVALENT STANDARDS

19	IS 10059:1981	Edible fish powder	Jan 2005
20	IS 10760:1983	Mussels canned in oil	Jan 2005
21	* IS 10762:1983	TUNA canned in curry	Jan 2005
22	** IS 10763:1983	Frozen minced fish meat	Jan 2005
23	IS 11427:2001	Methods of sampling for fish and fisheries products (first revision)	
24	IS 14513:1998	Bache - de - mur	Mar 2003
25	IS 14514:1998	Clam meat - Frozen	Mar 2003
26	IS 14515:1998	Fish Pickles	Mar 2003
27	IS 14516:1998	Cured fish and fisheries products - Processing and storage - Code of Practice	Mar 2003
28	IS 14517:1998	Fish Processing Industry - Water and Ice - Technical Requirements	Mar 2003
29	IS 14520:1998	Fish Industry - Operational cleanliness and layout of market - Guidelines(Amalgamated Revisio of IS 5735, 7581 and 8082)	Mar 2003
30	IS 14890:2001	Sardines - Specification (Amalgamated revision of IS 2421; 6677; 8652; 8653; 97 50 and 10761)	
31	IS 14891:2001	Mackerel - Specification (Amalgamated revision of IS 2420; 3849;6032; 5033; 9312)	
32	IS 14892:2001	Threadfin - Specification (Amalgamated revision of IS 4781 and 4796)	
33	IS 14949:2001	Accelerated freeze dried prawn (Shrimp) - Specification	
34	IS 14950:2001	Fish - Dry and dry salted (Amalgamated revision of IS 2345,2883, 2884, 3850, 3851, 3852, 3853, 4302, 5198, 5199, 5471, 5472, 5736, 8836)	

ASPECT WISE REPORT

PRODUCT	29
CODES OF PRACTICES	1
TERMINOLOGY	1
OTHERS	3

TOTAL : 34

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

FAD 13 OILS AND OILSEEDS

SCOPE To formulate Indian Standards for terminology, methods of sampling and test, codes of practice for handling, storage and packaging and specifications for oleaginous seeds and fruits, oils and fats (including animal fats and marine oils but excluding oils covered by other Sectional Committees), fatty acids, vegetable tallow and bleaching
Liaison with i) ISO/TC 34/SC 2 Oleaginous Seeds and Fruits; and
ii) ISO/TC 34/SC 11 Animal and Vegetable Fats and Oils

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 75:1973	Linseed oil, raw and refined (second revision)	Mar 2006	4
2	IS 435:1973	Castor oil (second revision)	Mar 2006	4
3	IS 542:1968	Coconut oil (second revision)	Apr 2004	4
4	IS 543:1968	Cottonseed oil (second revision)	Apr 2004	6
5	IS 544:1968	Groundnut oil (second revision)	Apr 2004	4
6	IS 545:1984	MAHUA oil (third revision)	Apr 2004	3
7	IS 546:1975	Mustard oil (second revision)	Apr 2004	6
8	IS 547:1968	Sesame oil (second revision)	Apr 2004	5
9	IS 548(Part 1):1964	Methods of sampling and test for oils and facts: Part 1 Methods of sampling, physical and chemical	Mar 2006	4
10	IS 548(Part 2):1976	Methods of sampling and test for oils and fats: Part 2 Purity tests (third revision)	Mar 2006	7
11	IS 548(Part 2/Sec 9):1988	Methods of sampling and test for oils and fats: Part 2 Purity tests Sec 9 Testfor presence of Karanja (Pungam) oils in other oils (fourth revision)	Mar 2006	
12	IS 548(Part 2/Sec 20):1983	Methods of sampling and test for oils and fats: Part II Purity tests Sec 20 Test for detection of	Mar 2006	
13	IS 548(Part 2/Sec 21):1988	Methods of sampling and test for oils and fats: Part 2 Purity tests: Sec 21 Test for detection of animals fat in vegetable oils and fats and vice-versa by GLC(fourth revision)	Mar 2006	
14	IS 548(Part 2/Sec 22):1993	Methods of sampling and test for oils and fats: Part 2 Purity test - Section 22Detection of tricresyl phosphate in edible oil	Apr 2004	
15	IS 548(Part 3):1976	Methods of sampling and test for oils and fats: Part 3 Analysis by gas liquidchromatography	Mar 2006	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

16	IS 595:1954	Blown rape (or mustard) oil for use in lubricants	Apr 2004	2
17	IS 887:1977	Animal tallow (second revision)	Mar 2006	
18	IS 1035:1972	Methods of sampling and test for bleaching earths (second revision)	Mar 2006	1
19	IS 1675:1971	Stearic acid, technical (first revision)	Apr 2004	1
20	IS 1676:1960	Oleic acid, technical	Apr 2004	2
21	IS 1780:1961	Vegetable tallow	Mar 2006	1
22	IS 1965:1972	Bleaching earths of Indian origin used for bleaching vegetable oils (first revision)	Apr 2004	
23	IS 3448:1984	Rice bran oil (second revision)	Mar 2006	3
24	IS 3490:1965	Nigerseed oil	Apr 2004	4
25	IS 3491:1965	Safflower oil	Apr 2004	5
26	IS 3492:1965	KARANJA oil	Apr 2004	1
27	IS 3579:1966	Methods of test for oilseeds	Mar 2006	1
28	IS 4054:1966	Neatsfoot oil	Apr 2004	1
29	IS 4055:1966	Maize (corn) oil	Apr 2004	5
30	IS 4056:1966	Fish oil for leather industry	Apr 2004	
31	IS 4088:1966	KUSUM oil	Apr 2004	2
32	IS 4115:1967	Methods for sampling of oilseeds	Mar 2006	
33	IS 4276:1977	Soybean oil (first revision)	Mar 2006	3
34	IS 4277:1975	Sunflower oil (first revision)	Mar 2006	4
35	IS 4427:1967	Grading for groundnut kernels for oil milling and for table use	Mar 2006	2
36	IS 4428:1967	Grading for mustard seeds for oil milling	Mar 2006	1

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

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

37	IS 4429:1967	Grading for sesame seeds for oil milling	Mar 2006	1
38	IS 4617:1968	Grading for linseed for oil milling	Mar 2006	
39	IS 4618:1968	Grading for castor seeds for oil milling	Mar 2006	
40	IS 4619:1968	Grading for MAHUA kernels for oil milling	Mar 2006	
41	IS 4620:1968	Grading for cottonseeds for oil milling	Mar 2006	
42	IS 4765:1975	NEEM kernel oil and depulped NEEM seed oil (first revision)	Apr 2004	1
43	IS 5292:1969	Grading for safflower seeds for oil milling	Mar 2006	
44	IS 5293:1969	Grading for niger seeds for oil milling	Mar 2006	
45	IS 5294:1969	Grading for KUSUM seeds for oil milling	Mar 2006	
46	IS 5614:1980	Tobacco seed oil (first revision)	Apr 2004	
47	IS 5637:1970	Watermelon seed oil	Apr 2004	2
48	IS 5638:1970	Acid oil (cottonseed and groundnut)	Mar 2006	1
49	IS 5686:1970	Code of practice for handling and storage of	Mar 2006	
50	IS 6220:1971	Grading of copra for table use and for oil milling	Mar 2006	
51	IS 7375:1979	Salseed fat (first revision)	Apr 2004	2
52	IS 7787:1975	Grading for NEEM kernel and depulped NEEM seeds for oil milling	Mar 2006	
53	IS 7797:1975	Grading for soyabeans for oil milling	Mar 2006	
54	IS 7798:1975	Grading for sunflower seeds for oil milling	Jun 2006	
55	IS 8323:1977	Palm oil	Mar 2006	3
56	IS 8361:1977	Palmolein	Mar 2006	3
57	IS 8428:1977	Grading for KARANJA seeds for oil milling	Mar 2006	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

58	IS 8443:1977	Grading for tobacco seeds for oil milling	Mar 2006	
59	IS 8557:1977	Grading for KOKUM kernels for oil milling	Mar 2006	
60	IS 8591:1980	KOKUM fat (first revision)	Apr 2004	2
61	IS 8879:1980	DHUPA fat (first revision)	Apr 2004	2
62	IS 8881:1978	KHAKAN fat	Mar 2006	
63	IS 8882:1978	Grading for Khakan seeds for oil milling	Mar 2006	
64	IS 8896:1978	NAHOR oil	Mar 2006	
65	IS 9037:1979	Peanut butter	Mar 2006	
66	IS 9231:1979	Mango kernel fat	Apr 2004	2
67	IS 9232:1979	Ambadi oil	Mar 2006	
68	IS 9586:1980	Silk-worm pupae oil	Apr 2004	
69	IS 9587:1980	Tamarind kernel oil	Apr 2004	
70	IS 9955:1981	Rubber seed oil	Apr 2004	
71	IS 9956:1981	PALAS oil	Apr 2004	
72	IS 9957:1981	UNDI oil	Apr 2004	
73	IS 9993:1981	Grading for DHUPA kernel for oil milling	Mar 2006	
74	IS 10006:1981	Grading for NAHOR kernels for oil milling	Mar 2006	
75	IS 10633:1999	Vanaspati (first revision)	Apr 2004	5
76	IS 10634:1986	Bakery shortening (first revision)	Apr 2004	1
77	IS 10931:1984	Lauric acid	Mar 2006	
78	IS 10932:1984	Palmitic acid	Mar 2006	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

79	IS 10933:1984	Myristic acid	Mar 2006	
80	IS 11068:1984	Criteria for edibility of oils and fats	Mar 2006	
81	IS 11069:1984	Refined, bleached, hydrogenated, winterized and deodorized (RBHWD) Soybean oil	Mar 2006	2
82	IS 11476:1985	Glossary of terms relating to oils and fats	Mar 2006	
83	IS 11674:1986	Method for determination of residual solvent in oilseed flours and meals by modified Pensky Martens closed tester	Mar 2006	
84	IS 12029:1986	Acid oil	Apr 2004	
85	IS 12030:1986	Semi-acid oil	Apr 2004	
86	IS 12031:1986	Soap stock	Apr 2004	
87	IS 12039:1986	Spent bleaching earth	Apr 2004	1
88	IS 12067:1987	Palm fatty acids	Apr 2004	
89	IS 12068:1987	Rice bran fatty acids	Apr 2004	
90	IS 12069:1987	Coconut fatty acids	Apr 2004	
91	IS 12124:1987	Rubberseed fatty acids	Apr 2004	
92	IS 12361:1988	Partially hydrogenated rice bran fatty acids	Mar 2006	
93	IS 12451:1988	Margarine	Apr 2004	2
94	IS 12983:1990 / ISO 8892:1987	Oilseed residues - Determination of total residual hexane	Apr 2004	
95	IS 13037:1991	Chilli seed oil	Apr 2004	2
96	IS 13168:1991	Tomato seed oil	Apr 2004	1
97	IS 13660:1993	Musk melon seed oil	Apr 2004	1
98	IS 13661:1993	RATANJYOT oil	Apr 2004	
99	IS 13679:1993	Okra seed oil	Apr 2004	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

100	IS 13680:1993	Imported rapeseed oil	Apr 2004	2
101	IS 14309:1995	Blended edible vegetable oils	Mar 2006	

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1 DOC.FAD 13(1532) Determination of residual technical hexane content
[adoption of ISO 9832:2002(E)]

ASPECT WISE REPORT

PRODUCT	67
METHODS OF TEST	11
CODES OF PRACTICES	1
TERMINOLOGY	1
OTHERS	21

TOTAL : 101

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

FAD 14 DRINKS AND CARBONATED BEVERAGES

- SCOPE**
- A) All alcoholic drinks and carbonated beverages
 - B) Physical and chemical methods of test pertaining to this committee including microbiological aspects
 - C) General methodology for sensory evaluation including nutritional aspects
 - D) Liaison with ISO/TC 23/SC 8 Equipment for Vine Growing and wine

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 2346:1992	Carbonated beverages (second revision)	Jul 2003	2
2	IS 3752:2005	Methods of test for alcoholic drinks (second		
3	IS 3753:1984	Methods of sampling for alcoholic drinks (first	Oct 2000	
4	IS 3811:2005	Rum (third revision)		
5	IS 3865:2001	Beer (third revision)		
6	IS 3957:1966	Quality tolerances for water for ice manufacture		
7	IS 4100:2005	Gin (second revision)		
8	* IS 4251:1967	Quality tolerances for water for processed food		
9	IS 4449:2005	Whiskies (fourth revision)		
10	IS 4450:2005	Brandies (third revision)		
11	IS 5286:2005	Vodka (second revision)		
12	IS 5287:2005	Country spirit (distilled) (third revision)		
13	IS 7058:2005	Table wines (second revision)		
14	IS 7585:1995	Methods of analysis of wines (first revision)	Oct 2000	
15	IS 7675:1975	Method for sensory evaluation of beer	Nov	
16	IS 7999:1998 / ISO 5494:1978	Testing glass for liquid samples	May	
17	IS 8140:1976	Guide for selection of panel for sensory evaluation of foods and beverages	Nov	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

18	IS 8538:2004	Toddy (second revision)		
19	IS 8639:1977	Code for evaluation of effect of packaging and storage on the sensory qualities of food and	Nov	
20	* IS 10500:1991	Drinking water (first revision)		
21	IS 10642:1983	General guidance for consumer sensory evaluation of foods and beverages	May	
22	IS 11583:1986	Method for sensory evaluation of Indian made foreign liquors (IMFL)	Nov	
23	IS 12544:1988	Non-alcoholic beer	Oct 2000	
24	IS 13019:1991	Soft drink concentrate [Earlier title - Non-alcoholic beverage bases (concentrates) for domestic use]	Jul 2003	2
25	IS 13428:2005	Packaged Natural Mineral Water (second revision)		1
26	IS 14326:2005	Cashew fenny (first revision)		
27	IS 14327:2005	Coconut fenny (first revision)		
28	IS 14398:2005	Fortified wines (first revision)		
29	IS 14543:2004	Packaged drinking water (other than natural mineral water) (first revision)		3
30	IS 14594:1998 / ISO 3591:1977	Sensory analysis - Apparatus - Wine testing glass	Jul 2003	
31	IS 15185:2002 / ISO 9308-1:2000	Water quality - Detection and enumeration of E.coli & coliform bacteria - Membrane filtration method		
32	IS 15186:2002 / ISO 7899-2:2000	Water quality – Detection & enumeration of enterococci – Membrane filtration method		
33	IS 15187:2002 / ISO 6340:1995	Water quality – Detection of salmonella species		
34	IS 15188:2002 / ISO 8199:1988	General guide to enumeration of microorganisms by culture		
35	IS 15302:2003	Determination of aluminium and barium by direct nitrous oxide-acetylene flame atomic absorption spectrometry		
36	IS 15303:2003	Determination of antimony, iron and selenium in water by electrothermal atomic absorption		
37	IS 15588:2005	Alcoholic drinks - Low alcoholic beverages		

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1 DOC.FAD 14(1552) Third revision of IS 2346

ASPECT WISE REPORT

PRODUCT	21
METHODS OF TEST	9
CODES OF PRACTICES	1
OTHERS	6

TOTAL : 37

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

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

FAD 15 FOOD HYGIENE, SAFETY MANAGEMENT & OTHER SYSTEMS

- SCOPE**
- A) Food hygiene and hygienic codes
 - B) Safety management systems ,Organic foods mangement, GM Foods, Labelling, other systems including General Methodology for Sensory Evaluation
 - C) Mircobiological methods of tests and specifications for ingredients used in media for microbiological work
 - D) Liaison with
 - i) ISO/TC 34 Food Products
 - ii) ISO/TC 34/SC 9 Microbiology

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 2491:1998	Food Hygiene - General Principles - Code of Practice (second revision)	Sep 2003	
2	IS 4303(Part 1):1975	Code for hygienic conditions in fish industry: Part 1 Pre-processing stage (first revision)	Feb 2001	1
3	IS 4303(Part 2):1975	Code for hygienic conditions in fish industry: Part 2 Canning stage (first revision)	Feb 2001	1
4	IS 5059:1969	Code for hygienic conditions for biscuit manufacturing units and bakery units	Mar 2005	2
5	IS 5401(Part 1):2002 / ISO 4832:1991	Microbiology - General guidance for enumeration of coliforms: Part 1 Colony count technique (first		
6	IS 5401(Part 2):2002 / ISO 4831:1991	Microbiology - General guidance for estimation of coliforms: Part 2 MPN technique (first revision)		
7	IS 5402:2002 / ISO 4833:1991	General guidance for the enumeration of micro-organisms - Colony count technique at 30 degree C (first revision)		
8	IS 5403:1999 ISO 7954:1987	Method for yeast and mould count of food stuffs and animal feeds (first revision)	Mar 2005	
9	IS 5404:1984	Code of practice for handling of samples for microbiological analysis (first revision)	Mar 2005	
10	IS 5837:1970	Code for hygienic conditions for soft drink manufacturing units	Mar 2005	1
11	IS 5839:2000	Food hygiene - Code of practice for manufacture, storage and sale of ice-creams(first revision)	Oct 2005	1
12	IS 5887(Part 1):1976	Methods for detection of bacteria responsible for food poisoning: Part 1 Isolation, identification and enumeration of ESCHERICHIA COLI (first	Mar 2005	
13	IS 5887(Part 2):1976	Methods for detection of bacteria responsible for food poisoning:Part 2 Isolation, identification and enumeration of STAPHYLOCOCCUS AUREUS and faecal streptococci (First revision)	Mar 2005	
14	** IS 5887(Part 3):1999 / ISO 6579:1993	Methods for detection of bacteria responsible for food poisoning: Part 3 General guidance on methods for detection of SALMONELLA (second	Mar 2005	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

15	IS 5887(Part 4):1999	Methods for detection of bacteria responsible for food poisoning : Part 4 Isolation, and identification of CLOSTRIDIUM PERFRINGENS, C.BOTULINUM and enumeration of cl. Perfringens	Mar 2005	
16	IS 5887(Part 5):1976	Methods for detection of bacteria responsible for food poisoning :Part 5 Isolation, identification and enumeration of VIBRIO CHOLERAEE and VIBRIO PARAHAEMOLYTICUS (first revision)	Mar 2005	
17	** IS 5887(Part 6):1999 / ISO 7932:1993	Methods for detection of bacteria responsible for food poisoning : Part 6 Identification, enumeration and confirmation of B.Cereus	Mar 2005	
18	IS 5887(Part 7):1999	Methods for detection of bacteria responsible for food poisoning: Part 7 General guidance on methods for isolation and identification of	Mar 2005	
19	IS 5887(Part 8/Sec 1):2002 / ISO 6888-1:1999	Methods for detection of bacteria responsible for food poisoning: Part 8 Horizontal method for enumeration of coagulase-positive staphylococci (Staphylococcus Aureus and other species) Section 1 Technique using Baird-Parker Agar		
20	IS 5887(Part 8/Sec 2):2002 / ISO 6888-2:1999	Methods for detection of bacteria responsible for food poisoning: Part 8 Horizontal method for enumeration of coagulase-positive staphylococci (Staphylococcus Aureus and other species) Section 2 Technique using rabbit plasma fibrinogen		
21	IS 6074:1971	Code for functional requirements of hotels, restaurants and other food service establishments (see also CED 12)	Feb 2001	1
22	IS 6540:1972	Code for hygienic conditions for manufacture and handling of ice for human consumption	Feb 2001	1
23	IS 6541:1972	Code for hygienic conditions for establishment and maintenance of mid-day school meal programmes	Feb 2001	
24	IS 6542:1972	Code for hygienic conditions for fruit and vegetable canning units	Feb 2001	1
25	IS 6850:1973	Agar, microbiological grade	Mar 2005	
26	IS 6851:1973	Meat extract, microbiological grade	Mar 2005	
27	IS 6852:1973	Bile salts, microbiological grade	Mar 2005	
28	IS 6853:1973	Peptone, microbiological grade	Mar 2005	
29	IS 6854:1973	Method of sampling and test for ingredients used in media for microbiological work	Mar 2005	1
30	IS 6968:1973	Code for hygienic condition for PAN (Betel leaf) stalls and vendors	Mar 2005	
31	IS 6969:1973	Code for hygienic conditions for handling and sale of refrigerated drinking water	Mar 2005	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

32	IS 7003:1973	Code for hygienic conditions for sago (SABOODANA) manufacturing units	Feb 2001	1
33	IS 7004:1973	Yeast extract, microbiological grade	Mar 2005	
34	IS 7005:1973	Code for hygienic conditions for production, processing transportation and distribution of milk	Feb 2001	2
35	IS 7127:1973	Tryptone, microbiological grade	Mar 2005	
36	IS 7128:1973	Proteose peptone, microbiological grade	Mar 2005	
37	IS 7203:1973	Casein hydrolysate (acid digested), microbiological grade	Mar 2005	
38	IS 7247(Part 2):1974	Code of practice for fumigation of agricultural produce: Part 2 Ethylene dibromide	Mar 2005	
39	IS 7402:1996 / ISO 7402:1993	General guidance for the enumeration of 'Enterobacteriaceae' without resuscitation - MPN technique and colony-count technique	Mar 2001	
40	IS 7535:1975	Liver extract, microbiological grade	Mar 2005	
41	IS 7536:1975	Soluble starch, microbiological grade	Mar 2005	1
42	IS 7590:1975	Gelatine, microbiological grade	Mar 2005	
43	IS 7591:1975	Malt extract, microbiological grade	Mar 2005	
44	IS 7655:1975	Code of practice for food advertising	Feb 2001	1
45	IS 7688(Part 1):1975	Code of practice for labelling of pre-packaged foods: Part 1 General guidelines	Feb 2001	
46	IS 7688(Part 2):1976	Code of practice for labelling of pre-packaged foods: Part 2 Guidelines on claims	Feb 2001	
47	IS 7688(Part 3):1976	Code of practice for labelling of pre-packaged foods: Part 3 Nutritional labelling	Feb 2001	1
48	IS 7799:1975	Code for preservation of vitamins in foodstuffs	Feb 2001	
49	IS 7801:1975	Trypsin, microbiological grade	Mar 2005	
50	IS 7802:1975	Code of hygienic conditions for sweetmeat shop	Feb 2001	1
51	IS 8123:1976	Code for hygienic conditions for sale of cut fruits, fruit juice and fruit salad	Mar 2005	1
52	IS 8124:1976	Code for hygienic conditions for sale of sugar cane juice	Mar 2005	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

53	IS 8182:1976	Code for hygienic conditions for processed meat products	Feb 2001	
54	IS 9071(Part 1):1979	Code of practice for control of aflatoxin in groundnut: Part 1 Harvesting, transport & storage	Mar 2005	
55	IS 9071(Part 2):1979	Code of practice for control of aflatoxin in groundnut: Part 2 Plant storage and processing	Mar 2005	1
56	IS 10232:2003 ISO 6887 Part 1:1999	General rules for the preparation of initial suspension and decimal dilutions for microbiological examination of foods (first revision)	Mar 2005	
57	IS 10972:1984	Code for preparation of ESCHERICHIA COLI diagnostic sera	Mar 2005	
58	IS 10973:1984	Code for hygienic conditions for food hawkers	Feb 2001	
59	IS 10974(Part 1):1984	Code for hygienic conditions for production, transport, storage and distribution of indigenous milk products: Part 1 KHOA and KHOA based	Feb 2001	
60	IS 10974(Part 2):1984	Code for hygienic conditions for production, transport, storage and distribution of indigenous milk products: Part 2 DAHI	Feb 2001	1
61	IS 10974(Part 3):1984	Code for hygienic condition for production, transport, storage and distribution of indigenous milk products: Part 3 Coagulated products, CHHANA and CHHANA based sweets	Feb 2001	
62	IS 10974(Part 4):1984	Code for hygienic conditions for production, transport, storage and distribution of indigenous milk products: Part 4 Frozen products, KULFI	Feb 2001	1
63	IS 10974(Part 5):1984	Code for hygienic conditions for production, transport, storage and distribution of indigenous milk products: Part 5 Fermented products,	Feb 2001	
64	IS 11061:1984	Code for preparation of VIBRIO CHOLERAEE diagnostic sera	Mar 2005	
65	IS 14134:1994	Code for hygienic practices for processing and handling of quick frozen foods	Mar 2005	
66	IS 14135:1994	Code for hygienic practices for dehydrated fruits and vegetables including edible fungi	Mar 2005	
67	IS 14216:1994	Code for hygienic conditions for spices and condiments processing units	Mar 2005	
68	IS 14348:1996	Code for hygienic conditions for alcoholic beverage industry	Nov	
69	IS 14349:1996	Code for hygienic conditions for edible oil and vanaspati manufacturing units	Nov	
70	IS 14350:1996	Code for hygienic conditions in sugar factories	Nov	1
71	IS 14397:1996	Detection, isolation and identification of pathogenic E. coli in food	Mar 2001	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

72	IS 14595:1998	Food Hygiene - Microbiological Criteria - Principles for Establishment and Applition	Sep 2003	
73	IS 14987:2001 / ISO 8914:1990	Microbiology - General guidance for detection of Vibrio Parahaemolytieus		
74	IS 14988(Part 1):2001 / ISO 11290-1 :1996	Microbiology of food and animal feeding stuffs - Horizontal method for detection and enumeration of Listeria monocytogenes : Part 1 Detection method		
75	IS 14988(Part 2):2001 / ISO 11290-2 :1996	Microbiology of food and animal feeding stuffs - Horizontal method for detection and enumeration of Listeria monocytogenes : Part 2 Enumeration		
76	IS 15000:1998	Food Hygiene - Hazard Analysis and Critical Control Point (HACCP) - System and Guidelines for its Application	Sep 2003	1
77	IS 22000:2005	Food safety management systems - Requirements for any organization in the food		

DRAFT STANDARDS COMPLETED WIDE CIRCULATION

1	DOC.FAD 15(1658)	Food safety management systems - Requirements for bodies providing audit and certification of food safety management system		
2	DOC.FAD 15(1659)	Food safety management systems - Guidance on the application of ISO 22000:2005 (ISO/TC 22004)		

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.FAD 15(1681)	Good manufacturing practices (GMP) - Requirements for organizations in the food		
2	DOC.FAD 15(1701)	Food safety management - Requirements for good hygiene practices		

ASPECT WISE REPORT

PRODUCT	13
METHODS OF TEST	20
CODES OF PRACTICES	41
OTHERS	3

TOTAL : 77

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

FAD 16 FOODGRAINS, STARCHES & READY TO EAT FOODS

- SCOPE**
- A) Processed nutritious food, snack foods, edible oilseed flour, protein isolates, bakery and confectionery products, their raw material, equipments and related items
 - B) All aspects of foodgrain products and starches-Terminology as well as method of tests and storage of foodgrain
 - C) Methods of test for processed food products including chemical, microbiological and sensory evaluation
 - D) Liaison with
 - i) ISO/TC 34/SC 4 Cereals and pulses; and
 - ii) ISO/TC 93 Starches (including by-products)

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 609:1955	Code of practice for improvement of existing structures used or intended to be used for	Mar 2005	2
2	IS 631:1979	Outdoor aluminium foodgrain storage bins (first revision)	Oct 2003	
3	IS 899:1971	Tapioca sago (SABOODANA) (first revision)	Jun 2001	
4	IS 966:1999	Desiccated coconut (second revision)	Mar 2005	
5	IS 1005:1992	Edible maize starch (corn flour) (third revision)	Oct 2003	1
6	IS 1006:1984	Arrowroot starch (second revision)	Jun 2001	
7	IS 1007:1984	Custard powder (second revision)	Jun 2001	
8	IS 1008:2004	Sugar boiled confectionery (third revision)		1
9	IS 1009:1979	Wheat flour (MAIDA) for general purposes (second revision)	Mar 2005	2
10	IS 1010:1968	SUJI or RAVA (Semolina) (first revision)	Mar 2005	2
11	IS 1011:2002	Biscuits (fourth revision)	Oct 2003	1
12	IS 1155:1968	Wheat ATTA (second revision)	Mar 2005	3
13	IS 1156:1957	Pearl barley	Mar 2005	1
14	IS 1157:1957	Barley powder	Mar 2005	1
15	IS 1158:1973	Corn flakes (first revision)	Mar 2005	3

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

16	IS 1159:1981	Baking powder (first revision)	Mar 2005	1
17	IS 1317:1969	Edible tapioca chips (first revision)	Jun 2001	
18	IS 1318:1969	Edible tapioca flour (first revision)	Jun 2001	
19	IS 1319:1983	Edible tapioca starch (second revision)	Jun 2001	
20	IS 1320:1988	Baker's yeast (third revision)	Mar 2005	1
21	IS 1483:1988	White bread (third revision)	Mar 2005	
22	IS 1484:1974	Rolled oats (quick cooking type) (first revision)	Mar 2005	
23	IS 1485:1993	Macaroni, spaghetti, vermicelli and egg noodles (second revision)	Mar 2005	1
24	IS 1668:1975	Lozenges (second revision)	Mar 2005	2
25	IS 1960:1979	Wheatmeal bread (second revision)	Mar 2005	
26	IS 2234:1989	Ready IDLI mix (first revision)	Mar 2005	1
27	IS 2397:1988	Wafers (second revision)	Mar 2005	2
28	IS 2400:1976	BESAN (first revision)	Mar 2005	
29	IS 2404:1993	Malt extract (second revision)	Mar 2005	
30	IS 2639:1999	PAPAD (third revision)	Mar 2005	1
31	IS 2650:1975	BOMBAY HALWA (first revision)	Mar 2005	
32	IS 2813:1995	Terminology for foodgrains (second revision)	Mar 2005	1
33	IS 3137:1974	High protein mixes for use as food supplements (first revision)	Mar 2005	
34	IS 3155:1969	MAKHANNA products	Jun 2001	
35	IS 3838:1966	Self-raising flour	Mar 2005	
36	IS 3839:1989	Food yeast (first revision)	Mar 2005	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

37	IS 4287:1992 / ISO 1227:1979	Starch - Glossary (second revision)	Oct 2003	
38	IS 4333(Part 1):1996	Methods of analysis for foodgrains: Part 1 Refractions(second revision)	Jun 2001	
39	IS 4333(Part 2):2002 / ISO 712:1998	Methods of analysis for foodgrains: Part 2 Determination of moisture content (first revision)		
40	IS 4333(Part 3):2002 / ISO 7971:1995	Methods of analysis for foodgrains: Part 3 Determination of hectolitre weight (first revision)		
41	IS 4333(Part 4):2002 / ISO 520:1977	Methods of analysis for foodgrains: Part 4 Determination of mass of 1 000 grains (first		
42	IS 4333(Part 5):1970	Methods of analysis for foodgrains: Part 5 Determination of uric acid	Mar 2005	
43	IS 4662:1977	Methods for sampling of starches and starch products (first revision)	Mar 2005	
44	IS 4684:1975	Edible groundnut flour (expeller pressed) (first	Mar 2005	2
45	IS 4706(Part 1):1978	Methods of tests for edible starches and starch products: Part 1 Physical methods (first revision)	Mar 2005	1
46	IS 4706(Part 2):1978	Methods of tests for edible starches and starch products: Part 2 Chemical methods (first revision)	Mar 2005	
47	IS 4875:1975	Edible groundnut flour (solvent extracted) (first	Mar 2005	3
48	IS 4876:1986	Edible cottonseed flour (solvent extracted) (first revision)	Mar 2005	1
49	IS 5126:1996 / ISO 5492:1992	Glossary of general terms for sensory evaluation of foods (first revision)	Feb 2001	
50	IS 5398:1969	Methods for estimation of thiamine (vitamin B-1) in foodstuffs	Mar 2005	
51	IS 5399:1969	Methods for estimation of riboflavin (vitamin B-2) in foodstuffs	Mar 2005	
52	IS 5400:1969	Methods for estimation of nicotinic acid (Niacin) in foodstuffs	Mar 2005	
53	IS 5503(Part 1):1969	General requirements for silos for grain storage : Part 1 Constructional requirements	Mar 2005	
54	IS 5503(Part 2):1969	General requirements for silos for grain storage: Part 2 Grain handling equipment and accessories	Mar 2005	
55	IS 5606:1970	Steel bins for grain storage	Oct 2003	
56	IS 5835:1970	Method for estimation of Vitamin D in foodstuffs	Mar 2005	
57	IS 5838:1970	Methods for estimation of Vitamin C in foodstuffs	Mar 2005	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

58	IS 5886:1970	Methods for estimation of carotenes and Vitamin A (Retinol) in foodstuffs	Mar 2005	
59	IS 6108:1971	Edible sesame flour (solvent extracted)	Mar 2005	2
60	IS 6109:1971	Edible sesame flour (expeller pressed)	Mar 2005	1
61	IS 6151(Part 1):1971	Storage management code: Part 1 Terminology	Mar 2005	
62	IS 6151(Part 2):1971	Storage management code: Part 2 General care in handling and storage of agricultural produce and	Mar 2005	
63	IS 6151(Part 3):1976	Storage management code: Part 3 Specific care in handling and storage of agricultural produce and	Mar 2005	
64	IS 6261:1971	Methods of analysis for detection of insect and rodent contamination in grains and milled products	Mar 2005	
65	IS 6273(Part 1):1971	Guide for sensory evaluation of foods: Part 1 Optimum requirements	Nov	
66	IS 6273(Part 2):1971	Guide for sensory evaluation of foods: Part 2 Methods and evaluation cards	Nov	
67	IS 6273(Part 3/Sec 1):1983	Guide for sensory evaluation of foods: Part 3 Statistical analysis of data: Section 1 Difference/preference tests (first revision)	Nov	
68	IS 6273(Part 3/Sec 2):1983	Guide for sensory evaluation of foods: Part 3 Statistical analysis of data: Section 2 Ranking and scoring tests (first revision)	Nov	
69	IS 6287:1985	Methods for sampling and analysis for sugar confectionery (first revision)	Mar 2005	
70	IS 6360:1971	Lacto bonbon	Mar 2005	2
71	IS 6663:1972	Method for determination of angle of repose of	Mar 2005	
72	IS 6747:1981	Chewing gum and bubble gum (first revision)	Mar 2005	4
73	IS 6894:1993	Malting barley (first revision)	Mar 2005	
74	IS 6895:1973	Barley malt	Oct 2003	
75	IS 7021:1973	Protein rich food supplements for infants and preschool children	Mar 2005	1
76	IS 7147(Part 1):1973	Steel bins for domestic storage: Part 1 GHARELU KOTHI	Oct 2003	
77	IS 7187:1989	Ice cream cones (first revision)	Mar 2005	
78	IS 7219:1973	Method for determination of protein in foods and	Mar 2005	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

79	IS 7234:1973	Method for estimation of folic acid in foodstuffs	Mar 2005	
80	IS 7235:1974	Method for estimation of tocopherols	Mar 2005	
81	IS 7247(Part 1):1974	Code of practice for fumigation of agricultural produce: Part 1 Methyl bromide	Mar 2005	
82	IS 7247(Part 3):1974	Code of practice for fumigation of agricultural produce: Part 3 Aluminium phosphide	Mar 2005	
83	IS 7247(Part 4):1975	Code of practice for fumigation of agricultural produce: Part 4 Ethylene dichloride and Carbon tetrachloride mixture	Mar 2005	
84	IS 7247(Part 5):1985	Code of practice for fumigation of agricultural produce: Part 5 General requirements	Jun 2001	
85	IS 7463:2004	Wheat flour for use in bakery industry (second revision)		
86	IS 7481:1974	Method for determination of protein efficiency ratio (PER)	Mar 2005	1
87	IS 7482:1989	Protein-based beverages (first revision)	Mar 2005	1
88	IS 7487:1986	Protein enriched biscuits (first revision)	Mar 2005	
89	IS 7529:1975	Method for estimation of Vitamin B-12 in	Mar 2005	
90	IS 7530:1975	Method for estimation of pyridoxine (Vitamin B-6) in foodstuffs	Mar 2005	
91	IS 7592:1989	Peanut chikki candy (first revision)	Mar 2005	
92	IS 7715:1975	Methods for testing suitability of bins for safe storage of foodgrains	Mar 2005	
93	IS 7716:1975	Methods for testing efficacy of fumigation for disinfestation of grains in domestic bins	Mar 2005	
94	IS 7815:1975	Method for estimation of amino acids in foodstuffs	Mar 2005	1
95	* IS 7835:1975	Edible medium-fat soya flour	Mar 2005	
96	* IS 7836:1975	Edible low-fat soya flour	Mar 2005	2
97	* IS 7837:1975	Edible full-fat soya flour	Mar 2005	1
98	IS 7997:1976	Guide for tasting products of intense flavour	Nov	
99	IS 8077:1976	Procedure for checking technique of quick frozen	Mar 2005	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

100	IS 8140:1976	Guide for selection of panel for sensory evaluation of foods and beverages	Nov	
101	IS 8162:1998 / ISO 5531:1978	Wheat flour - Method for determination of wet gluten (first revision)	Oct 2003	
102	IS 8168:1976	Method for determination of available lysine in	Mar 2005	
103	IS 8184:1976	Method for determination of ergot in foodgrains	Mar 2005	
104	IS 8211:1976	Edible soya protein isolate	Mar 2005	
105	IS 8212:1976	Edible groundnut protein isolate	Mar 2005	
106	IS 8220:1976	Protein rich concentrated nutrient supplementary	Mar 2005	
107	IS 8222:1976	Edible leaf protein concentrate	Mar 2005	
108	IS 8453:1977	Code of practice for construction of polyethylene embedded earthen bins for bulk storage of	Mar 2005	
109	IS 8555:1988	Bread rusks (first revision)	Mar 2005	1
110	IS 8556:1988	Bun (first revision)	Mar 2005	
111	IS 8639:1977	Code for evaluation of the effect of packaging and storage on the sensory qualities of foods and beverages	Nov	
112	IS 8664:1977	Edible coconut flour (expeller pressed)	Mar 2005	2
113	IS 8665:1977	Protein fortified bread	Mar 2005	
114	IS 8676:1977	Edible coconut flour (solvent extracted)	Mar 2005	2
115	IS 8677:1977	Edible sunflower seed flour (solvent extracted)	Mar 2005	1
116	IS 8678:1977	Vegetable protein-based yoghurt (vegetable curds)	Mar 2005	
117	IS 8972:1978	Method for determination of co-efficient of friction of foodgrains	Mar 2005	
118	IS 9027:1978	Method for determination of thermal conductivity of foodgrains	Mar 2005	
119	IS 9038:1979	Reconstitutable protein beverage food	Mar 2005	
120	IS 9039:1979	Edible sunflower seed grits	Mar 2005	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

121	IS 9095:1979	Protein chewy candy	Mar 2005	
122	IS 9130:1979	Edible spray dried potato flour	Mar 2005	
123	IS 9215:1979	Outdoor steel bins for foodgrain storage	Oct 2003	
124	IS 9216:1992	Nutrition and nutritious foods - Glossary of terms (first revision)	Mar 2005	
125	IS 9328:1989	Confectionery industry - Glossary of terms (first revision)	Mar 2005	
126	IS 9373:1979	Glossary of terms relating to bakery industry	Mar 2005	
127	IS 9374:1979	Glossary of terms relating to flour milling industry	Mar 2005	
128	IS 9487:1980	`Ready-to-Eat' protein-rich extruded foods	Mar 2005	
129	IS 9488:1980	Edible coconut protein concentrates	Mar 2005	
130	IS 9629:2004	Maize atta, maize maida and maize suji (first		
131	IS 9712:1981	Cakes	Mar 2005	
132	IS 9820:1981	Method for estimation of biotin in foodstuffs	Mar 2005	
133	IS 9840:1981	Method for estimation of pantothenic acid in	Mar 2005	
134	IS 10038:1981	Textured plant protein foods prepared by extrusion cooking	Mar 2005	1
135	IS 10065:1981	Roasted, groundnut (peanut) kernels	Mar 2005	1
136	IS 10226(Part 1):1982 / ISO 5498:1981	Method for determination of crude fibre content: Part 1 General method	Mar 2005	
137	IS 10226(Part 2):1982 ISO 6541:1981	Method for determination of crude fibre content: Part 2 Modified scharrer method	Mar 2005	
138	IS 10597:1983	Soluble starch phosphate (edible grade)	Mar 2005	
139	IS 10619:1983	Seasoned, spiced and sweetened cashewnuts	Mar 2005	
140	IS 10620:1983	URD (black gram) VADA Mix	Mar 2005	
141	IS 10621:1983	Jelebi Mix	Mar 2005	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

142	IS 10622:1983	Dosa Mix	Mar 2005
143	IS 10641:1983	Recommended methods for determination of aroma and taste thresholds	Mar 2005
144	IS 10642:1983	General guidelines for consumer sensory evaluation of foods and beverages	Mar 2005
145	IS 10643:1983	Sensory evaluation procedure to establish guidelines for open dating processed food products	Mar 2005
146	IS 10698:1983	Method for determination of thermal diffusivity of foodgrains	Mar 2005
147	IS 10699:1983	Method for determination of specific heat of	Mar 2005
148	IS 10759:1983	Brewer's yeast	Mar 2005
149	IS 10768:1984	Method of test for quality characteristics of pulses	Mar 2005
150	IS 10769:1984	Wheat porridge	Mar 2005
151	IS 10770:1984	Beaten rice	Mar 2005
152	IS 10898:1984	Fortified wheat ATTA	Jun 2001
153	IS 10899:1984	Fortified wheat MAIDA	Jun 2001
154	IS 10900:1984	Fortified barley powder	Mar 2005
155	IS 10901:1984	PAUSHTIK wheat ATTA	Jun 2001
156	IS 10902:1984	PAUSHTIK wheat MAIDA	Jun 2001
157	IS 10903:1984	PAUSHTIK barley powder	Mar 2005
158	IS 11062:1984	Method for estimation of total dietary fibre in	Mar 2005
159	IS 11231:1985	Milk bread	Mar 2005
160	IS 11261(Part 1):1985	Methods for assessment of post harvest grain losses by rodents: Part 1 General considerations, direct measurement techniques and biological aspects of survey procedures	Mar 2005
161	IS 11261(Part 2):1985	Methods for assessment of post harvest grain lossess by rodents: Part 2 Loss determination by population assessment and estimation procedures	Mar 2005

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

162	IS 11396:1985	Test methods for determination of storability (safe storage life) of foodgrains	Mar 2005	
163	IS 11454:1985	Method for measurement of carbondioxide in the inter granular atmosphere	Mar 2005	
164	IS 11535:1985 / ISO 2164:1975	Method of test for determination of glycosidic hydrocyanic acid in pulses	Mar 2005	
165	IS 11536:1997	Processed cereal based complementary foods for infants (first revision)	Oct 2003	3
166	IS 11581:1986	Edible cottonseed flour prepared by liquid cyclone process	Mar 2005	1
167	** IS 11816(Part 1):1986 / ISO 6322/1:1981	Storage of cereals and pulses: Part 1 General consideration of keeping cereals	Mar 2005	
168	** IS 11816(Part 2):1986 / ISO 6322/2:1981	Storage of cereals and pulses: Part 2 Essential requirements	Mar 2005	
169	IS 11816(Part 3):1986 ISO 6322-3:1989	Storage of cereals and pulses: Part 3 Control of attack by vertebrate and invertebrate animals	Mar 2005	
170	IS 12014(Part 1):1986	Determination of organic preservatives in foodstuffs: Part 1 Benzoic acid and its salts	Nov	
171	IS 12014(Part 2):1986	Determination of organic preservatives in foodstuffs: Part 2 Propionic acid and its salts	Nov	
172	IS 12014(Part 3):1986	Determination of organic preservatives in foodstuffs: Part 3 Sorbic acid and its salts	Nov	
173	IS 12220:1987	Ready gulab jamun mix	Mar 2005	
174	IS 12230:1987	Sandwich bread moulds	Mar 2005	1
175	IS 12516(Part 1):1999 / ISO 5530-1:1997	Determination of physical characteristics of doughs made from wheat flour: Part1 Water absorption and rheological properties using a farinograph (first revision)	Mar 2005	
176	IS 12516(Part 2):1999 / ISO 5530-2:1997	Determination of physical characteristics of doughs made from wheat flour: Part 2 Rheological properties using an extensograph (first revision)	Mar 2005	
177	IS 12516(Part 3):1988 ISO 5530-3:1988	Determination of physical characteristics of doughs made from wheat flour: Part3 Water absorption and rheological properties using a	Mar 2005	
178	IS 12516(Part 4):1996 / ISO 5530-4:1991	Determination of physical characteristics of doughs made from wheat flour: Part4 Rheological properties using an alveograph (first revision)	Jun 2001	
179	IS 12529:1988	Method for estimation of storage losses by insects	Mar 2005	
180	* IS 12564:1989	Fried jack fruit chips	Mar 2005	1
181	IS 12566:1989	Ready-to-eat extruded snacks	Mar 2005	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

182	IS 12569:1989	Potato french fries	Mar 2005	1
183	* IS 12574:1989	Fried banana chips	Mar 2005	1
184	** IS 12575:1989	Fried potato chips	Mar 2005	1
185	** IS 12700:1988 / ISO 3093:1982	Method for determination of falling number of	Mar 2005	
186	IS 12711:1989	Bakery products - Methods of analysis	Mar 2005	1
187	IS 12741:1989	Bakery products - Methods of sampling	Mar 2005	
188	IS 12895:1990	Alga SPIRULINA, food grade	Mar 2005	1
189	IS 13046:1991	Sweet potato flour	Jun 2001	
190	IS 13264:1991	Ready khichdi mix	Mar 2002	1
191	IS 13265:1991	Ready vegetable pulav mix	Mar 2002	1
192	IS 13266:1991	Instant curried DAL mix	Mar 2002	
193	IS 13267:1991	Ready suji-halwa mix	Mar 2002	
194	IS 13285:1992	Guidelines for addition of essential nutrients to	Nov	
195	IS 13354:1992	Ready upma mix	Oct 2003	
196	IS 13662:1993	Isabgol husk	Mar 2005	
197	IS 13678:1993	Isabgol	Mar 2005	
198	IS 13693:1993	Determination of de-husked grains in rice by double staining method	Mar 2005	
199	IS 13863:1993 / ISO 7973:1992	Cereals and milled cereal products - Determination of viscosity of flour - Method using an amylograph	Mar 2005	
200	IS 13864:1993 / ISO 5529:1992	Wheat - Determination of sedimentation index - Zeleny test	Mar 2005	1
201	IS 14366:1996	Food Processing machinery - Dough mixers - Safety and hygiene requirements	Mar 2002	
202	IS 14367:1996	Food Processing machinery - Planetary mixers - Safety and hygiene requirements	Mar 2002	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

203	IS 14613:1998	Roasted Bengal Gram Flour (Channa Sattu)	Oct 2003
204	IS 14818:2000 / ISO 13690:1999	Cereal and pulses and milled products - Sampling of static batches	Mar 2005
205	IS 15271:2003	Namkeen - Specification	1
206	IS 15285:2003 / ISO 5496:1992	Sensory analysis - Methodology - Initiation and training of assessors in the detection and	
207	IS 15286:2003 / ISO 5497:1982	Sensory analysis - Methodology - Guidelines for the preparation of samples for which direct sensory analysis is not feasible	
208	IS 15315:2003 / ISO 6564:1985	Sensory analysis - Methodology - Flavour profile methods	
209	IS 15316:2003 / ISO 8589:1988	Sensory analysis - General guidance for the design of test rooms	
210	IS 15317(Part 1):2003 / ISO 8586-1:1993	Sensory analysis - General guidance for the selection, training and monitoring of assessors - Part 1 Selected assessors	
211	IS 15317(Part 2):2003 / ISO 8586-2:1993	Sensory analysis - General guidance for the selection, training and monitoring of assessors -	
212	IS 15470:2004 / ISO 6645:1981	Determination of dry gluten	
213	IS 15642:2006	Quick methods for detection of adulterants/Contaminants in common food	

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.FAD 16(1477)	Draft Indian Standard - Edible grade medium-fat soya flour - Specification (first revision of IS 7835)
2	DOC.FAD 16(1478)	Draft Indian Standard - Edible grade low-fat soya flour - Specification (first revision of IS 7836)
3	DOC.FAD 16(1479)	Draft Indian Standard - Edible grade full-fat soya flour - Specification (first revision of IS 7837)

DRAFT STANDARDS COMPLETED WIDE CIRCULATION

1	DOC.FAD 16(1462)	Draft Indian Standard - Fried jack fruit chips and banana chips - Specification (Amalgamation of IS 12564 & 12574)
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ASPECT WISE REPORT

PRODUCT	113
METHODS OF TEST	54
CODES OF PRACTICES	6
TERMINOLOGY	8
OTHERS	32

TOTAL : 213

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

FAD 17 FARM IRRIGATION AND DRAINAGE SYSTEMS

- SCOPE** A) Methods of evaluation of quality of water, efficiency of irrigation, water requirement of crops and guidelines for various practices associated with soil water management as well as various irrigation equipment and systems (excluding centrifugal and hand pumps), soil
 B) All types of farm drainage practices and equipment
 C) Liaison with:
 i) ISO/TC23 Agricultural Machinery
 ii) ISO/TC 23/SC 18 Irrigation and Drainage equipment and systems

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 8967(Part 1):1992	Farm drainage clay tiles: Part 1 Tiles with open joints (first revision)	Jun 2001	
2	IS 8967(Part 2):1983	Farm drainage clay tiles: Part 2 Perforated tiles with collar joints	Jan 2000	
3	IS 8968:1978	Farm drainage concrete tiles	Jan 2000	
4	IS 9633:1980	Farm drainage asbestos cement pipes	Jun 2001	
5	IS 9696:1980	Code of practice for installation of farm drainage tile or pipe system	Jun 2001	
6	IS 9979:1981	Code for design and laying of mineral filters for tile drain system	Jun 2001	
7	IS 10317:1982	Guide for evaluation of soil properties relevant to irrigation	Jun 2001	1
8	IS 10799:1999	Irrigation equipment - Design, installation and operation of micro-irrigation systems - Code of	Dec	
9	IS 10808:1984	Code of practice for installation, operation and maintenance of hydraulic rams	Feb 2006	
10	IS 10809:1984	Hydraulic rams	Feb 2006	
11	IS 10907:1984	Code for design of farm drainage tile or pipe	Feb 2006	
12	IS 11077:1984	Glossary of terms on soil and water	Feb 2006	
13	IS 11390:1985	Test code for hydraulic rams	Feb 2006	
14	IS 11493:1986	Glossary of terms relating to farm drainage	Mar 2004	
15	IS 11494:1986	Code for construction and maintenance of surface farm drainage systems	Feb 2006	
16	IS 11495:1986	Code for design of surface farm drainage system	Feb 2006	

* INDICATES STANDARDS UNDER REVISION
 / INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
 / INDICATES EQUIVALENT STANDARDS

17	IS 11538:1986	Code of practice for design and installation of farm drainage pumping plant	Feb 2006	
18	IS 11624:1986	Guidelines for the quality of irrigation water	Feb 2006	
19	IS 11711:1986	Recommended criteria for adoptability of different irrigation methods	Feb 2006	
20	IS 12232(Part 1):1996 ISO 7749-1:1995	Rotating sprinkler: Part 1 Design and operational requirement (first revision)	Feb 2006	1
21	IS 12232(Part 2):1995 ISO 7749-2:1990	Rotating sprinkler: Part 2 Test method for uniformity of distribution (first revision)	Feb 2006	1
22	IS 12785:1994	Strainer-type filters (first revision)	Feb 2006	4
23	IS 12786:1989	Polyethylene pipes for irrigation laterals	Mar 2004	5
24	IS 13062:1991	Evaluation of field irrigation efficiencies Guidelines	Mar 2004	
25	IS 13479:1992 / ISO 3501:1976	Assembled joints between fittings and polyethylene (PE) pressure pipes - Test for resistance to pull	Mar 2004	
26	IS 13487:1992	Emitters	Mar 2004	5
27	* IS 13488:1992	Emitting pipes system	Mar 2004	4
28	IS 13939:1994	Interceptor drains for steep hill slopes under plantation crops - Guidelines for laying laying	Mar 2004	
29	IS 14151(Part 1):1999	Irrigation Equipment - Sprinkler pipes - Specification_Part 1: Polyethylene Pipes	Dec	3
30	IS 14151(Part 2):1999	Irrigation Equipment - Sprinkler pipes - Specification Part 2: Quick - coupled polyethylene	Dec	2
31	IS 14178:1994	Pressurised irrigation equipment - Terminology	Mar 2004	
32	IS 14482:1997	Polyethylene micro tubes for drip irrigation system rigation system	Mar 2004	
33	IS 14483(Part 1):1997	Fertilizer and chemical injector system - Part 1 Venturi injector	Mar 2004	2
34	IS 14483(Part 2):2002	Forestry tools - Stalk puller Part 2 Heavy duty chemical injector pump		
35	IS 14605:1998	Irrigation equipment - Micro sprayer - Specification	Mar 2004	1
36	IS 14606:1998	Irrigation equipment - Media filter - Specification	Mar 2004	3
37	IS 14632:1999	Farm drainage system - Performance evaluation of horizontal sub-surface drainage - Guidelines	Dec	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

38	IS 14743:1999	Irrigation equipment - Hydro-cyclone filter - Specification	Dec
39	IS 14791:2000	Prevention and treatment of blockage problem in drip irrigation system - Code of practice	Feb 2006
40	IS 14792:2000	Irrigation equipment - Design, installation and operation of sprinkler irrigation system - Code of Practice	Feb 2006
41	IS 15386:2003	Pressurized irrigation systems - Graphic symbols	

DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.FAD 17(1650)	Draft Indian Standard on Combine harvester thresher - Selected performance and other characteristic - Recommendations
2	DOC.FAD 17(1651)	Draft Indian standard on Hydraulic power sprayer - Specification

ASPECT WISE REPORT

PRODUCT	18
METHODS OF TEST	2
CODES OF PRACTICES	11
TERMINOLOGY	3
SYMBOLS	1
OTHERS	6

TOTAL : 41

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

FAD 18 SLAUGHTER HOUSE AND MEAT INDUSTRY

- SCOPE**
- A) Equipment, materials used in slaughter house and slaughter house layouts, flowsheet categorization
 - B) Meat, meat products, poultry, poultry products and other by-products from abattoir; codes for ante-mortem and post-mortem
 - C) Physical, chemical and microbiological methods of test pertaining to this committee
 - D) Liaison with ISO/TC 34/SC 6 Meat and Meat Products

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 1723:1973	Pork (first revision)	Nov	1
2	IS 1743:1973	Mutton and goat meat canned in brine (first	Nov	3
3	IS 1981:1978	Animal casings (first revision)	Nov	2
4	IS 1982:1971	Code of practice for ante-mortem and post-mortem inspection of meat animals (first revision)	Nov	1
5	IS 2475:1979	Smoked bacon (first revision)	Nov	2
6	IS 2476:1963	Ham	Nov	1
7	IS 2536:1995	Mutton and goat meat(chevon)-fresh, chilled and frozen (first revision)	Nov	1
8	IS 2537:1995	Beef and buffalo meat-fresh, chilled and frozen (first revision)	Nov	1
9	IS 3044:1973	Mutton and goat meat, curried and canned (first revision)	Nov	2
10	IS 3060:1979	Pork sausages, canned (first revision)	Nov	2
11	IS 3061:2001	Pork sausages, fresh (first revision)	Nov	1
12	IS 3100(Part 1):1996 / ISO 3100-1:1991	Meat and meat products - Method of Sampling	Jan 2001	
13	IS 4352:1967	Pork luncheon meat, canned	Nov	1
14	IS 4393:1979	Basic requirements for an abattoir (first revision)	Mar 2005	
15	IS 4674:1975	Dressed chicken (first revision)	Nov	1
16	* IS 4723:1978	Egg powder (first revision)	Nov	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

17	IS 4950:1968	Bacon rashers, canned	Nov	2
18	IS 4951:1975	Ham, canned (first revision)	Nov	1
19	IS 5558:1970	Chichen essence	Nov	1
20	IS 5960(Part 1):1996 / ISO 937:1978	Methods of test for meat and meat products: Part 1 Determination of nitrogen content (first revision)	Jan 2001	
21	IS 5960(Part 2):2000 / ISO 936:1998	Methods of test for meat and meat products: Part 2 Determination of total ash (first revision)		
22	IS 5960(Part 3):1970	Methods of test for meat and meat products: Part 3 Determination of total fat content	Mar 2005	
23	IS 5960(Part 4):1997 / ISO 1444:1996	Meat and meat products - Method of test : Part 4 Determination of free fat content (first revision)	Sep 2003	
24	IS 5960(Part 5):2001 / ISO 1442:1997	Meat and meat products - method of test: Part 5 Determination of moisture content [reference method (first revision)]		
25	IS 5960(Part 6/Sec 1):1997 / ISO 1841-1:1996	Meat and meat products - Method of test Part 6 Determination of chloride content Section 1 Volhard method (first revision)	Sep 2003	
26	IS 5960(Part 6/Sec 2):1997 / ISO 1841-2:1996	Meat and meat products - Method of Test Part 6 Determination of Chloride content Section 2 Potentiometric method (first revision)	Sep 2003	
27	IS 5960(Part 7):1996	Methods of test for meat and meat products : Part 7 Determination of nitrite content (first revision)	Jan 2001	
28	IS 5960(Part 8):1996 / ISO 3091:1975	Methods of test for meat and meat products: Part 8 Determination of nitrate content (first revision)	Jan 2001	
29	IS 5960(Part 9):1988 / ISO 2294:1974	Method of test for meat and meat products: Part 9 Determination of total phosphors content	Nov	
30	IS 5960(Part 10):2001 / ISO 2917:1999	Meat and meat products - Methods of test: Part 10 Measurements of pH (Reference method) (first revision)	Nov	
31	IS 5960(Part 11):1988 / ISO 4133:1979	Method of test for meat and meat products : Part 11 Determination of glucone-delta-lactone content	Nov	
32	IS 5960(Part 12):2001 / ISO 4134:1999	Meat and meat products - Methods of test: Part 12 Determination of L-(+)-glutamic acid content (Reference method) (first revision)		
33	IS 5960(Part 13):1988 / ISO 5553:1980	Methods of test for meat and meat products : Part 13 Determination of polyphosphates	Nov	
34	IS 5960(Part 14):1988 / ISO 5554:1978	Methods of test for meat and meat products : Part 14 Determination of starch content	Nov	
35	IS 5960(Part 15):2000 / ISO 3496:1994	Meat and meat products - Methods of test: Part 15 Determination of L(-)-hydroxyproline content (first revision)		

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

36	IS 5960(Part 16):2004 / ISO 13730:1996	Meat and meat products - Method of test : Part 16 Determination of total phosphorus content - Spectrophotometric method		
37	IS 5960(Part 17):2004 / ISO 13965:1998	Meat and meat products - Method of test : Part 17 Determination of starch and glucose content - Enzymatic method		
38	IS 6557:1972	Albumen flakes, non-edible quality	Nov	1
39	IS 6558:1972	Code of practice for cold storage of shell eggs	Nov	
40	IS 6559:1972	Code of practice for ante-mortem and post-mortem inspection for poultry	Nov	1
41	IS 6628:1972	Slide rails for use in abattoirs	Mar 2005	
42	IS 6782:1972	Hog gambrels	Mar 2005	
43	IS 6950:1973	Pig hooks	Mar 2005	
44	IS 7049:1973	Code for handling, processing, quality evaluation and storage of poultry	Nov	2
45	IS 7053:1996	Basic requirements for a stall for sale of meat of small and large animals (first revision)	Jan 2001	
46	IS 7891:1975	Inedible offal trolleys	Mar 2005	
47	IS 7909:1993	Slaughter house equipment - Electrical stunning tongs for pigs (first revision)	Mar 2005	
48	IS 8539(Part 1):1977	Terminology of meat products and meat animals: Part 1 Poultry	Nov	1
49	IS 8895:1978	Guidelines for handling, storage and transport of slaughter house by-products	Nov	
50	IS 9800:1993	Day-old chicks (Layer/broilers) - Basic requirements (first revision)	Mar 2005	
51	IS 9810:1981	Method for evaluation of quality of fresh chicken	Nov	1
52	IS 10382:1982	Edible egg albumen-powder	Nov	
53	IS 10697:1983	Chicken, canned in brine	Nov	2
54	IS 11533:1985	Sheep dressing hook	Mar 2005	
55	IS 11631:1985	Gambrel for sheep and goats	Mar 2005	
56	IS 11746:1986	Luncheon beef, canned	Nov	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

57	IS 11747:1986	Corned beef, canned	Nov	1
58	IS 11748:1986	Meat extract, food grade	Nov	1
59	IS 11771:1986	Soup stock medium (beef)	Nov	1
60	IS 12189:1987	Sheep spreader	Nov	
61	IS 12190:1987	Sheep bleeding shackle	Nov	
62	IS 12486:1988	Meat inspection table	Nov	
63	IS 12487:1988	Offal handling table for small animals	Nov	
64	IS 12541:1988	Chicken curry, canned	Nov	1
65	IS 12542:1988	Canned ham, minced	Nov	1
66	IS 12543:1988	Canned egg curry	Nov	1
67	IS 12561:1988	Pickled quail eggs	Nov	1
68	IS 13165:1991	Mutton biryani, canned	Nov	1
69	IS 13400:1992	Chicken sausages	Sep 2003	1
70	IS 13401:1992	Determination of Thiobarbituric acid value in meat	Sep 2003	
71	IS 14843:2000 / ISO 13720:1995	Meat and meat products - Enumeration of Pseudomonas Sp.		
72	IS 14844:2000 / ISO 13721:1995	Meat and meat products - Enumeration of lactic acid bacteria - Colony count technique at 30oC		
73	IS 14920:2001 / ISO 13681:1995	Meat and meat products - Enumeration of yeasts and moulds - Colony count technique		
74	IS 15463:2004 / ISO 6391:1997	Meat and meat products - Enumeration of Escherichia coli - Colony count technique at 44°C using membranes		
75	IS 15478(Part 2):2004 / ISO 3100-2:1988	Meat and meat products - Sampling and preparation of test samples: Part 2 Preparation of test samples for micro examination		

DRAFT STANDARDS APPROVED FOR WIDE CIRCULATION

1	DOC.FAD 18(1625)	Meat and meat products - Determination of chloramphenicol content - Method using liquid chromatography (adoption of ISO 13493)
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** INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS*

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

2 DOC.FAD 18(1626)

Meat and meat products - Determination of colouring agents - Method using thin layer chromatography (adoption of ISO 13496)

ASPECT WISE REPORT

PRODUCT	40
METHODS OF TEST	25
CODES OF PRACTICES	5
TERMINOLOGY	1
OTHERS	4

TOTAL : 75

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

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

FAD 19 DAIRY PRODUCTS AND EQUIPMENT

- SCOPE**
- A) Dairy products including infant milk foods and specialized equipment used in dairies
 - B) Physical, chemical and microbiological methods of test pertaining to this committee and codes of practices
 - C) General methodology for sensory evaluation including nutritional aspects

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 1000:1989	Lactose, commercial (first revision)	Feb 2005	
2	IS 1165:2002	Milk powder (fourth revision)		
3	IS 1166:1986	Condensed milk, partly skimmed and skimmed condensed milk (second revision)	Feb 2003	1
4	IS 1167:1965	Casein (edible quality) (revised)	Feb 2005	1
5	IS 1223:2001	Apparatus for determination of fat by gerber method (second revision)		
6	IS 1224(Part 1):1977	Determination of milk fat by the gerber method: Part 1 Milk (first revision)	Feb 2003	
7	IS 1224(Part 2):1977	Determination of milk fat by the gerber method: Part 2 Milk products	Feb 2003	
8	IS 1479(Part 1):1960	Methods of test for dairy industry: Part 1 Rapid examination of milk	Feb 2003	4
9	IS 1479(Part 2):1961	Method of test for for dairy industry: Part 2 Chemical analysis of milk	Feb 2003	
10	IS 1479(Part 3):1977	Methods of test for dairy industry: Part 3 Bacteriological analysis of milk (first revision)	Feb 2003	
11	IS 1479(Part 4):1977	Methods of test for dairy industry: Part 4 Freezing-point depression of milk Hortveet method	Feb 2003	
12	IS 1479(Part 5):1962	Methods of test for dairy industry: Part 5 Methods of dairy plant control	Feb 2003	1
13	IS 1613:1960	Milk bottle crates	Jan 2000	1
14	IS 1656:1997	Milk cereal based weaning foods (third revision)	Feb 2005	2
15	IS 1705:1972	Aluminium foil for milk bottle caps (first revision)	Feb 2005	1
16	IS 1806:1975	Malted milk foods (first revision)	Jan 2000	
17	** IS 1825:1983	Aluminium alloy milk cans (second revision)	Jan 2000	2

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

18	IS 2025:1962	Cylindrical pipettes for bacteriological examination of milk	Jan 2000	1
19	IS 2144:1962	Hand-operated bottle washer	Feb 2005	1
20	IS 2145:1962	Hand bottle filler	Feb 2005	1
21	IS 2146:1962	Hand-operated cap sealer for milk bottles	Feb 2005	1
22	IS 2311:1973	Fat extraction apparatus for milk and milk products (first revision)	Jan 2000	
23	IS 2336:1963	Stainless steel milk vats	Jan 2000	
24	IS 2342:1963	Manually operated milk can washer	Jan 2000	
25	IS 2343:1963	Can washing trough	Feb 2005	
26	IS 2492:1976	Stainless steel road milk tankers(first revision)	Feb 2005	
27	IS 2495:1963	Cheese hoops	Jan 2000	
28	IS 2498:1963	Cheese knife	Jan 2000	
29	IS 2504:1964	Hand operated cheese press (vertical)	Jan 2000	
30	IS 2647:1963	Cheese mill	Jan 2000	
31	IS 2688:1974	Insulated stainless steel milk storage tanks	Jan 2000	2
32	IS 2689:1964	Batch pasteurizer (stainless steel)	Jan 2000	1
33	IS 2785:1979	Natural cheese (hard variety), processed cheese, processed cheese spread and soft cheese (first revision)	Jan 2000	
34	IS 2802:1964	Ice cream	Jan 2000	4
35	IS 2803:1964	Capillary pipette for direct microscopic count of milk (first revision)	Jan 2000	
36	IS 2829:1979	Steam jacketed ghee pans (Stainless steel) (first revision)	Jan 2000	
37	IS 2981:1964	Layout plan for dairy laboratories	Feb 2003	
38	IS 3382:1965	Stainless steel milk pipes and fittings	Jan 2000	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

39	IS 3507:1966	Method of sampling and test for butter	Feb 2003	
40	IS 3508:1966	Method of sampling and test for ghee	Feb 2003	2
41	IS 3509:1966	Method of sampling and test for cream	Feb 2003	
42	IS 3661:1965	Farm milk cooling tanks	Feb 2005	2
43	IS 3864:1966	Mobile kit for milk testing	Feb 2003	
44	IS 3893:1966	Slides for direct microscopic count of milk	Jan 2000	
45	IS 3922:1966	Recommendation for ghee refinery	Feb 2003	
46	IS 4079:1967	Canned RASOGOLLA	Jan 2000	1
47	IS 4238:1967	Sterilized milk	Feb 2005	
48	IS 4709:1968	Flavoured milk	Feb 2005	
49	IS 4743:1968	Settling tanks for GHEE (stainless steel)	Jan 2000	
50	IS 4883:1980	KHOA (first revision)	Feb 2005	
51	IS 4884:1968	Sterilized cream	Feb 2005	
52	IS 4938:1969	Insulated stainless steel milk storage tanks, vertical type (10 000 and 15 000 litres capacity)	Jan 2000	
53	IS 5162:1980	CHHANA (first revision)	Feb 2005	
54	IS 5253:1969	Guidelines for cleaning and sterilizing dairy	Feb 2005	
55	IS 5550:1970	BURFI	Feb 2005	
56	IS 5567:1970	Bottles for sterilized milk	Jan 2000	
57	IS 6387:1987	Vegetable protein infant food with milk (first revision) (To be withdrawn)	Feb 2003	1
58	IS 6591:1972	Rail milk tankers	Feb 2005	
59	IS 6684:1972	Milk can trolleys	Jan 2000	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

60	IS 7607(Part 1):1975	Code of practice for keeping dairy accounts: Part 1 Primary milk collection units	Feb 2003
61	IS 7607(Part 2):1975	Code of practice for keeping dairy accounts: Part 2 Market milk plants	Feb 2003
62	IS 7607(Part 3):1975	Code of practice for keeping dairy accounts: Part 3 Products plants	Feb 2003
63	IS 7768:1975	Method for sensory evaluation of milk	Nov
64	IS 7769:1975	Method for sensory evaluation of table butter	Feb 2000
65	IS 7770:1975	Method for sensory evaluation of ghee(clarified butterfat)	Nov
66	IS 7839:1975	Dried ice cream mix	Feb 2005
67	IS 8479(Part 1):1977	Method for determination of phosphatase activity in milk and milk products: Part 1 Routine method	Feb 2003
68	IS 8479(Part 2):1977 ISO 3356:1975	Method for determination of phosphatase activity in milk and milk products: Part 2 Reference	Feb 2003
69	IS 9070:1979	Method for determination of fat in cheese by Van Gul method	Feb 2003
70	IS 9532:1980	Chakka and Shrikhand	Feb 2005
71	IS 9584:1980	Cheese powder	Feb 2005
72	IS 9585:1980	Lactometers	Feb 2003
73	IS 9617:1980	DAHI	Feb 2005
74	IS 9853:1981	Milk collection trays	Feb 2005
75	IS 9854:1981	Code for construction of milk delivery vans	Feb 2005
76	* IS 9967:1997 / ISO 4099:1984	Cheese - determination of nitrate and nitrite content - Method by cadmium reduction and photometry (first revision)	Feb 2003
77	IS 10029:1981	Methods for sensory evaluation of sweetened condensed milk	Nov
78	IS 10030:1981	Methods for sensory evaluation of milk powder	Nov
79	IS 10083:1982	Method of test for determination of SNF(solids not fat) in milk by the use of lactometers	Feb 2003
80	IS 10281:1982	Method for sensory evaluation of processed	Nov

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

81	IS 10484:1983	PANEER	Feb 2005
82	IS 10501:1983	KULFI	Feb 2005
83	IS 11202:2005 / ISO 8069:1986	Dried milk - Determination of lactic acid and lactates content - Enzymatic method (first	
84	IS 11546:1999 / ISO 707:1985	Methods of sampling for milk and milk products	Feb 2005
85	IS 11585(Part 1):1986	Insulated stainless steel silos for milk storage Part 1 Capacities 60 000 and 100 000	Feb 2005
86	IS 11602:1986	Packed GULAB JAMUNS	Feb 2003
87	IS 11622:1986	Method for determination of total solids content in condensed milk	Feb 2003
88	* IS 11623:1986	Method for determination of moisture content in milk powder and similar products	Feb 2003
89	IS 11721:2005 / ISO 1736:2000	Dried milk and dried milk products - Determination of fat content - Gravametric method (Reference method) (first revision)	
90	IS 11762:2005 / ISO 1737:1999	Evaporated milk & sweetened condensed milk - Determination of fat content - Gravametric method (Reference method) (first revision)	
91	IS 11763:2005 / ISO 5943:2004	Cheese and processed cheese products - Determination of chloride content - Potentiometric titration method (second revision)	
92	IS 11764:2005 / ISO 2911:2004	Sweetened condensed milk - Determination of sucrose content - Polarimetric method (first	
93	IS 11765:1986 / ISO 6091:1980	Method for determination of titratable acidity in milk powder and similar products (reference	Feb 2003
94	IS 11766:1986 / ISO 6092:1980	Method for determination of titratable acidity in milk powder and similar products (routine method)	Feb 2003 1
95	IS 11888:1987 / ISO 5739:2003	Caseins and caseinates - Determination of scorched particles and of extraneous matter (first	
96	IS 11917:1987 / ISO 5549:1978	Method for determination of protein content in caseins and caseinates (reference method)	Feb 2003
97	IS 11918:1987 / ISO 5546:1979	Method for determination of pH in caseins and caseinates (reference method)	Feb 2003
98	IS 11919:1987 / ISO 5544:1978	Method for determination of fixed ash in caseins (reference method)	Feb 2003
99	IS 11920:1987 / ISO 5550:1978	Method for determination of water content in cassein and caseinates (reference method)	Feb 2001
100	IS 11962:1987 / ISO 5545:1978	Method for determination of ash in rennet caseins and caseinates (refernce method)	Feb 2003

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

101	IS 11963:2005 / ISO 5548:2004	Caseins and caseinates - Determination of lactose content - Photometric method (first revision)		
102	IS 11964:1987 / ISO 5547:1978	Method for determination of free acidity in caseins (Reference method)	Feb 2003	
103	IS 12176:1987	Sweetened ultra high temperature (UHT) treated condensed milk	Feb 2003	
104	IS 12299:1998	Dairy whitener		
105	IS 12333:1997 / ISO 6731:1989	Methods for determination of total solids content in milk, cream and evaporated milk (reference)	Feb 2003	
106	IS 12756:1989 / ISO 2962:1984	Cheese and cheese products - determination of total phosphorus content by molecular absorption spectrometric method	Feb 2005	
107	IS 12757:2005 / ISO 2963:1997	Cheese and processed cheese products - Determination of citric acid content - Enzymatic method (first revision)		
108	IS 12758:2005 / ISO 1735:2004	Cheese and processed cheese products - Determination of fat content - Gravimetric method (Reference Method) (first revision)		
109	IS 12759:1989 / ISO 8156:1987	Dried milk and dried milk products - determination of insolubility index	Feb 2005	
110	IS 12760:1989 / ISO 8070:1987	Dried milk - determination of sodium and potassium contents by Flame Emission	Feb 2005	
111	IS 12898:1989	Yoghurt	Feb 2005	1
112	IS 12899:1989	Enumeration of specific lactic acid bacteria in yoghurt - Method of test	Feb 2005	
113	IS 13334(Part 1):1998	Skim milk powder - Standard grade	Feb 2005	
114	IS 13334(Part 2):1992	Skim milk powder - Extra grade	Feb 2003	2
115	IS 13500:1992	Spray dried milk powders - Scorched particles - Determination	Feb 2003	
116	IS 13688:1992	Pasteurized milk	Feb 2005	
117	IS 13689:1992	Butter oil (Butter fat)	Feb 2003	
118	IS 13690:1992	Pasteurized butter	Feb 2003	
119	IS 14433(Part 1):1997	Infant milk substitutes - Specification : Part 1 Milk protein based	Feb 2005	2
120	IS 14542:1998	Partly skimmed milk powder	Feb 2005	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

121	IS 15343:2003	Method for sensory evaluation of Paneer/Channa
122	IS 15346:2003	Methods for sensory evaluation of panner chhana
123	IS 15347:2003	Malted Milk - Method for sensory evaluation
124	IS 15348:2003	Method for sensory evaluation of Shrikhand
125	IS 15349:2003	Ice Cream - Method for sensory evaluation

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.FAD 19(1696)	Draft Amendment No. 1 to IS 1223:2001
2	DOC.FAD 19(1695)	Draft Amendment No. 1 to IS 1806:1975

DRAFT STANDARDS COMPLETED WIDE CIRCULATION

1	DOC.FAD 19(1612)	Milk and milk products - Determination of nitrate and nitrite content : Part 1 Method using cadmium reduction and spectrometry (Adoption of ISO 14673-1) (second revision of IS 9967)
2	DOC.FAD 19(1613)	Milk and milk products - Determination of nitrate and nitrite content : Part 2 Method using segmented flow analysis (Adoption of ISO 14673-2:2001) (second revision of IS 9967)
3	DOC.FAD 19(1614)	Milk and milk products - Determination of nitrate and nitrite content : Part 3 Method using cadmium reduction and flow injection analysis with in line dialysis (Adoption of ISO 14673-3:2001) (second revision of IS 9967)
4	DOC.FAD 19(1624)	First revision of IS 11623 (Adoption of ISO 5537)
5	DOC.FAD 19(1629)	Draft code of hygienic practice for dried milk
6	DOC.FAD 19(1630)	Draft specification for stainless steel milk cans

ASPECT WISE REPORT

PRODUCT	65
METHODS OF TEST	40
CODES OF PRACTICES	4
OTHERS	16

TOTAL : 125

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

FAD 20 AGRICULTURAL PRODUCE PROCESSING AND MILLING
MACHINERY AND SURFACE COVERED CULTIVATION STRUCTURES

- SCOPE**
- A) Equipment for primary processing operations like cleaning, grading, drying of grains and miscellaneous equipment like sugarcane crushing, chaff cutting, maize shelling, tuber crop processing, etc
 - B) Equipment and system for milling of foodgrains (cereals and pulses), oil seeds, feed as well as solvent extraction plant
 - C) Surface covered cultivation structures (includes green houses, cloches, low tunnels, mulches, etc), systems and related aspects
 - D) Liaison with ISO/TC 23/SC 7 Equipment for harvesting and

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 1511:1979	Blades for manually-operated chaff cutter (second revision)	Nov	3
2	IS 1973:1999	Sugarcane crushers - Specification (third revision)	Feb 2005	
3	IS 4596:1968	Glossary of terms relating to oil expellers	Feb 2005	
4	IS 5223:1993	Oilseeds milling machinery - Oil expellers - Test code (first revision)	Feb 2004	
5	IS 5224:1993	Oil milling machinery - Oil expellers single barrel (second revision)	Feb 2004	
6	IS 5718:2000	Test code for seed cleaners (second revision)		
7	IS 6997:1973	Test code for sugarcane crushers	Nov	
8	IS 7051:1973	Power maize shellers	Aug 2001	
9	IS 7052:1973	Test code for power maize shellers	Aug 2001	
10	IS 7897:1975	Test code for chaff cutter	Aug 2001	1
11	* IS 7898:1981	Manually operated chaff cutter (first revision)	Aug 2001	1
12	IS 8108(Part 1):1984	Test code for grain dryers: Part 1 Selection and preparation for test (first revision)	Nov	1
13	IS 8108(Part 2):1984	Test code for grain dryers: Part 2 Method of tests for continuous dryers	Nov	
14	IS 8108(Part 3):1985	Test code for grain dryers: Part 3 Methods of tests for in-silo dryers	Nov	
15	IS 8420:2000	Glossary of terms relating to grain dryers		
16	IS 8427:1989	Agricultural produce milling machinery - Rubber rolls for paddy dehusker (first revision)	Feb 2005	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

17	IS 8440:1977	Test code for paddy cleaners	Feb 2005	3
18	IS 9049:1989	Paddy dehusker, rubber roll type - Test code (first revision)	Feb 2005	
19	IS 9555:1999	Rice polisher - Specification (second revision)	Feb 2005	
20	IS 9981:2000	Glossary of terms relating to agricultural produce processing equipment		
21	IS 10048:1999	Rice grader - Specification (second revision)	Feb 2005	
22	IS 10507:1999	Paddy separator - Specification (first revision)	Feb 2005	
23	IS 10520:1989	Agricultural produce milling machinery - Emery stones for burr flour mills (first revision)	Feb 2005	
24	IS 10892:1984	Recommendations for aperture size of sieves for seed cleaners	Feb 2005	
25	IS 11032:1984	Rotary screen-type precleaner	Aug 2001	1
26	IS 11041:1984	Air-screen seed cleaner	Feb 2005	
27	IS 11459:1985	Power-operated chaff cutter	Nov	1
28	* IS 11473:1985	Test code for groundnut decorticator	Nov	
29	IS 11787:1986	Paddy dehusker, rubber roll type	Feb 2005	
30	IS 11834:1986	Symbols and flow diagram for rice milling	Feb 2005	
31	ISO 3971:1977 IS 12047:1987	Oil seed cookers/kettles, horizontal type	Feb 2005	1
32	IS 12064:1987	Code of practice for paddy parboiling	Feb 2005	1
33	IS 12396:1988	Paddy cleaner	Feb 2005	
34	IS 12411:1988	Paddy dehusker, centrifugal type	Feb 2005	1
35	IS 12576:1989	Seed Processing Machinery - Indented cylinder grader - Test code	Feb 2005	1
36	IS 12792:1989	Mini rice mill	Feb 2005	1
37	IS 12833:1989	Agricultural produce milling machinery - Roller flour mills - Flow diagram	Feb 2005	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

38	IS 13793:1993	Agricultural produce milling machinery - Milling of pulses - Flow Diagram	Feb 2004	
39	IS 13794:1993	Oilseeds milling machinery - Power GHANIES	Feb 2004	1
40	IS 14442:1997	Milling machinery - Burr mill - Test code	Nov	
41	IS 14460:1997	Seed processing equipment - Gravity separator	Nov	
42	IS 14461:1997	Surface covered cultivation structures - Glossary of terms	Nov	
43	IS 14462:1997	Recommendations for layout, design and construction of green house structures	Nov	
44	* IS 14485:1998	Recommendations for heating, ventilation and cooling of green houses	Feb 2004	
45	IS 14603:1999	Potato grader - Test code	Feb 2005	
46	IS 15175:2002	Surface covered cultivation structures - Establishment and operation of mist chambers -		
47	IS 15177:2002	Surface covered cultivation - Plastic molding - Code of practice		

FINALISED DRAFTS UNDER PRINT

1	DOC.FAD 20(1275)	Safety requirements for power-operated chaff-cutter - Specification		
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DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

1	DOC.FAD 20(1333)	Safety requirements for sugar cane crushers		
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DRAFT STANDARDS ISSUED IN WIDE CIRCULATION

1	DOC.FAD 20(1627)	Draft Amendment No. 1 to IS 14485:1998		
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ASPECT WISE REPORT

PRODUCT	20
METHODS OF TEST	14
CODES OF PRACTICES	6
TERMINOLOGY	4
SYMBOLS	1
OTHERS	2

TOTAL : 47

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

FAD 21 FARM IMPLEMENTS AND MACHINERY

SCOPE A) Standards relating to soil working, sowing, fertilizer and manure application, crop protection, harvesting, threshing, farm transport and horticulture, powered lawn & garden equipment, forestry and plantation tools and equipment

B) Liaison with:

i) ISO/TC23 Agricultural Machinery

ii) ISO/TC 23/SC 6 Crop protection equipment

iii) ISO/TC23/SC7 Equipment for harvesting conservation

iv) ISO/TC 23/SC 13 Powered lawn and garden

Sl. No.	IS Number/ DOC Number	Title	Reaffirm Date	No. of Amd.
STANDARDS PUBLISHED				
1	IS 619:1979	Pruning and slashing knives hooked and curved (second revision)	Dec	
2	IS 1970:1995	Hand operated compression knapsack sprayer (fifth revision)	Dec	1
3	IS 1971:1996	Hand operated stirrup-type sprayer (fifth revision)	Jan 2002	
4	IS 1976:1976	Rotary paddy weeder, manually operated (second revision)	Dec	
5	IS 2192:1998	Soil working equipment - Animal drawn mouldboard plough, fixed type Specification (second	Mar 2004	
6	IS 2559:1978	Garden rake (first revision)	Dec	
7	IS 2563:1978	Hedge shears, straight-edge type (first revision)	Dec	
8	IS 2565:1979	Ridger, Animal drawn (first revision)	Feb 2006	
9	IS 3062:1995	Rocker sprayer (fourth revision)	Feb 2006	1
10	IS 3092:1982	Rubber draining and tapping knife (first revision)	Dec	
11	IS 3093:1981	Dah, jungle cutting (first revision)	Dec	
12	IS 3094:1982	Bill-hook (first revision)	Dec	
13	IS 3122:1982	Budding and grafting knife combined (first revision)	Jan 2002	
14	IS 3327:1982	Pedal-operated paddy thresher (first revision)	Dec	1
15	IS 3342:1998	Soil working equipment - cultivators, Animal drawn - Specification (second revision)	Mar 2004	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

16	IS 3369:1965	Puddler, Animal drawn	Jan 2002	1
17	IS 3372:1965	Bund former, animal drawn	Dec	
18	IS 3494:1978	Pruning secateur (first revision)	Dec	
19	IS 3606:1998	Soil working equipment, Dischauow, Animal drawn - Specificaton (second revision)	Mar 2004	
20	IS 3652:1995	Foot sprayer (fourth revision)	Feb 2006	2
21	IS 3906:1995	Hand-operated knapsack sprayer (fourth revision)	Feb 2006	1
22	IS 4358:1996	Sickles (first revision)	Jan 2002	
23	IS 4366(Part 1):1985	Agricultural tillage discs: Part 1 concave type (second revision)	Feb 2006	
24	IS 4366(Part 2):1985	Agricultural tillage discs: Part 2 Flat type (second revision)	Feb 2006	
25	IS 4930:1985	Axle assembly for pneumatic wheeled animal drawn vehicles (first revision)	Dec	1
26	IS 5135(Part 1):1994	Hand rotary duster: Part 1 Belly mounted type (second revision)	Dec	2
27	IS 5135(Part 2):1994	Hand rotary duster: Part 2 Shoulder mounted type (first revision)	Dec	1
28	IS 6024:1983	Guards for harvesting machines (first revision)	Dec	
29	IS 6025:1982	Knife sections for harvesting machines (first	Dec	
30	IS 6284:1985	Test code for power thresher for cereals (second revision)	Dec	3
31	IS 6288:1971	Test code for mouldboard ploughs	Dec	
32	IS 6316:1993	Seed-cum-fertilizer drill - Test code (first revision)	Dec	
33	IS 6320:1985	Power thresher, Hammer mill type (first revision)	Dec	
34	IS 6635:1972	Tractor operated disc harrows	Feb 2006	2
35	IS 6638:1972	Tractor-mounted spring loaded cultivators	Feb 2006	4
36	IS 6690:1981	Blades for rotavator for power tillers (first revision)	Jan 2002	

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

37	IS 6813:2000	Sowing equipment - Seed-cum-fertilizer drill - Specification (second revision)	Feb 2006	
38	IS 7201(Part 1):1987	Methods of sampling for agricultural machinery and equipment: Part 1 Hand tools and hand operated/animal drawn equipment (first revision)	Dec	
39	IS 7230:1974	Plain spool for tractor operated disc harrows	Feb 2006	
40	IS 7565(Part 1):1975	Tines for tractor operated cultivators: Part 1 Rigid	Dec	
41	IS 7565(Part 2):1988	Tines for tractor operated cultivators: Part 2 S.type tines	Dec	
42	IS 7593(Part 1):1986	Power operated pneumatic sprayer-cum-duster: Part 1 Knapsack type (first revision)	Jan 2002	1
43	IS 7640:1975	Test code for disc harrows	Dec	
44	IS 7927:1975	Method of field testing for manually operated paddy weeder	Dec	
45	IS 8122(Part 1):1994	Test code for combine harvester-thresher: Part 1 Terminology (first revision)	Dec	
46	IS 8122(Part 2):2000	Combine harvester-thresher - Test code: Part 2 Performance tests (first revision)	Feb 2006	1
47	IS 8213:2000	Agricultural tractor trailer - Specification (third	Feb 2006	
48	IS 8480:1996	Glossary of terms relating to crop protection equipment (first revision)	Jan 2002	
49	IS 8548:1977	Test code for power-operated hydraulic sprayer	Dec	
50	IS 9019:1979	Code of practice for installation, operation and preventive maintenance of power threshers	Feb 2006	2
51	IS 9020:2002	Safety requirements for power threshers (first		
52	IS 9164:1979	Guide for estimating cost of farm machinery	Jan 2002	1
53	IS 9217:1979	Test code for agricultural discs	Feb 2006	
54	IS 9575:1980	Power lawn mower, pedestrian-controlled cylinder (reel) type	Dec	2
55	IS 9581:1980	Safety and operational requirements for pedestrian-controlled cylinder (reel) power lawn	Dec	
56	IS 9632:1980	Code of practice for operation and preventive maintenance of crop protection equipment	Jan 2002	
57	IS 9813:2002	Tractor-mounted blade terracers (first revision)		

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

58	IS 9818(Part 1):1981	Glossary of terms relating to tillage and intercultivation equipment: Part 1 General terms	Dec	
59	IS 9818(Part 2):1981	Glossary of terms relating to tillage and intercultivation equipment: Part 2 Terms relating to	Dec	
60	IS 9821:1981	Glossary of terms relating to farm transport	Dec	
61	IS 9826:1981	Glossary of terms relating to harvesting and threshing equipment	Jan 2002	
62	IS 9855:1981	Glossary of terms relating to sowing, planting, fertilizers and manure application equipment	Dec	
63	IS 9856:1981	Test code for potato planters	Dec	
64	IS 9877:1981	Code of practice for installation, operation and preventive maintenance of grain combine	Feb 2006	
65	IS 10134:1994	Methods of tests for manually operated sprayers (first revision)	Dec	1
66	IS 10225:1982	Bearing spools for tractor-operated disc harrows	Dec	
67	IS 10233:1982	Tractor-operated disc ploughs	Dec	
68	IS 10239:1982	Blade for tractor-operated scraper	Dec	
69	IS 10254:1982	Share for animal-drawn ridger	Dec	
70	IS 10378:1982	Knife back for harvesting machines	Feb 2006	
71	IS 10683:1983	Khurpi	Dec	
72	IS 10684:1983	Tree pruner	Feb 2006	
73	IS 10691:1983	Share for tractor-operated mouldboard ploughs	Feb 2006	
74	IS 10806:2003	Trailers for power tillers	Feb 2006	
75	IS 11033:1984	Animal drawn potato digger, Ridger type	Feb 2006	
76	IS 11204:1985	Sugarcane harvesting knife	Feb 2006	
77	IS 11234:1985	Test code for power thresher for groundnut	Feb 2006	
78	IS 11235:1985	Test code for groundnut digger, animal drawn	Feb 2006	1

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

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/ INDICATES EQUIVALENT STANDARDS

79	IS 11269:1985	Axle assembly for conventional animal drawn	Dec	
80	IS 11270:1985	Technical requirements for ring-type hitches for agricultural trailers	Dec	
81	IS 11271:1985	Groundnut planter	Feb 2006	
82	IS 11272:1985	Glossary of terms relating to horticultural	Feb 2006	1
83	IS 11313:1985	Hydraulic power sprayer	Dec	1
84	IS 11429:1985	Methods for calibration of sprayers	Dec	
85	IS 11467:1985	Test code for cereal harvesting machines	Jan 2001	
86	IS 11531:1985	Test code for puddler	Feb 2006	
87	IS 11580:1986	Glossary of terms relating to forestry equipment	Dec	
88	IS 11691:1986	Power thresher, spike tooth type	Dec	
89	IS 11893:1986	Potato planter, semi-automatic	Jan 2002	
90	IS 11905:1986	Shaft assembly for rotavator for power tiller	Feb 2006	1
91	IS 11976:1986	Sugarcane planter semi-automatic	Jan 2002	
92	IS 12161:1987	Test code for animal carts	Dec	1
93	IS 12162:1987	Lifting hook	Dec	
94	IS 12163:1987	Cant hook	Dec	
95	IS 12164:1987	Log tongs	Dec	
96	IS 12191:1987	Felling wedges	Dec	
97	IS 12199:1987	Pneumatic wheeled animal drawn vehicle	Dec	
98	IS 12334:1988	Tractor mounted bund former	Dec	
99	IS 12337:1988	Manually operated fertilizer broadcaster	Dec	1

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/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

100	IS 12371:1988 / ISO 5670:1984	Technical requirements for single acting telescopic tipping cylinders for agricultural trailers	Dec	
101	IS 12409:1988	Garden sword	Dec	
102	IS 12482:1988	Methods of test for manually operated dusters	Mar 2004	1
103	IS 12653:1989	Rubber tapping tools - coagulation tray	Dec	
104	IS 12698:1989	Forestry tools - Tree marking digit set	Dec	
105	IS 12703:1989	Forestry tools - Tree marking hammers	Dec	
106	IS 12917(Part 1):1990	Farm transport equipment - Conventional animal drawn vehicle Part 1 Cattle, donkey and mule	Dec	1
107	IS 12917(Part 2):1991	Farm transport equipment - Conventional animal drawn vehicle Part 2 Camel	Dec	
108	IS 13151:1991	Forestry Tools - Two-men Log tongs	Feb 2006	
109	IS 13373:1992	Grass shear	Mar 2004	
110	IS 13374:1992	Forestry tools - Hand sapphire, nursery (Kutla)	Mar 2004	
111	IS 13376:1992	Forestry tools - Debarking spud	Mar 2004	
112	IS 13377:1992	Forestry tools - SHRUB cutting knife	Mar 2004	
113	IS 13378:1992	Forestry tools - Felling lever	Mar 2004	
114	IS 13485(Part 1):1992	Forestry tools - Stalk puller:Part 1 Light duty	Mar 2004	
115	IS 13485(Part 2):1998	Forestry tools - Stalk puller Part 2 Heavy duty	Mar 2004	
116	IS 13733:1993 / ISO 5669:1982	Agricultural trailers and trailed equipment - Braking cylinders	Dec	
117	IS 13818:1993	Harvesting equipment - Tractor operated potato digger shakers - Test code	Dec	
118	IS 13821:2000	Forestry tools - wooden filing vice	Dec	
119	IS 14459:1997	Battery operated rotary atomiser disc type ULV	Mar 2004	
120	IS 14523:1998	Forstry tools - Dibbling board	Mar 2004	

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/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS

121	IS 14524:1998	Forestry tools - Dibble iron	Mar 2004
122	IS 14525:1998	Forestry tools - Seed plucker	Mar 2004
123	IS 14526:1998	Forestry tool - plant carrier	Mar 2004
124	IS 14540:1998	Intercultivation Equipment - Hand hoes -	Mar 2004
125	IS 14541:1998	Forestry and plantation tools - Hoes and forks - Specification [amalgamated revision of IS 621, 13375, 13486(Pt 1), 4315]	Mar 2004
126	IS 14855(Part 1):2000	Plant protection and vector control equipment - Fogging machines - Specification Part 1: Pulse-jet type thermal fogger	Feb 2006
127	IS 14855(Part 2):2001	Plant protection and vector control equipment - Fogging machines - Specification : Part 2 Air blower type thermal fogger	Feb 2006

ASPECT WISE REPORT

PRODUCT	95
METHODS OF TEST	18
CODES OF PRACTICES	3
TERMINOLOGY	8
OTHERS	3

TOTAL : 127

* INDICATES STANDARDS UNDER REVISION
/ INDICATES DUAL NUMBER STANDARDS

** INDICATES STANDARDS TO BE REVISED
/ INDICATES EQUIVALENT STANDARDS