National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : KULKARNI LABORATORY & QUALITY MANAGEMENT SERVICES, E1, OMEGA HERITAGE, DSK VISHWA ROAD, DHAYARI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 05/08/2021 to 04/08/2023 **Last Amended on** 06/09/2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- ADHESIVES	Varnish NC RD - 1198 B	Drying time - Surface Dry	IS 101 , Part 3 Sect.1
2	CHEMICAL- ADHESIVES	Additive Liners , Physical Parameter	2) Width	CQA (A) – 0317 DC NO.36461-A
3	CHEMICAL- ADHESIVES	Additive Liners , Physical Parameter	3) Mass	CQA (A) – 0317 DC NO.36461-A
4	CHEMICAL- ADHESIVES	Additive Liners ,Physical Parameters	1. Length	CQA (A) – 0317 DC NO.36461-A
5	CHEMICAL- ADHESIVES	Additive Liners used in Defense Requirements	B) Composition analysis d) Potassium Sulphate	CQA (A) – 0317 DC NO.36461-A
6	CHEMICAL- ADHESIVES	Additive Liners used in Defense Requirements	B) Composition analysis ,d) Potassium Sulphate	OFN/QC(LAB)/BWRL/009
7	CHEMICAL- ADHESIVES	Additive Liners used in Defense Requirements	B) Composition analysis a) Wax mixture	OFN/QC(LAB)/BWRL/009
8	CHEMICAL- ADHESIVES	Additive Liners used in Defense Requirements	B) Composition analysis b)Talc powder / TiO2	OFN/QC(LAB)/BWRL/009
9	CHEMICAL- ADHESIVES	Additive Liners used in Defense Requirements	B) Composition analysis b)Talc powder/ TiO2	CQA (A) – 0317 DC NO.36461 - A
10	CHEMICAL- ADHESIVES	Additive Liners used in Defense Requirements	B. Composition analysis a) Wax mixture	CQA (A) – 0317 DC NO.36461 - A
11	CHEMICAL- ADHESIVES	Adhesive (Lacquer NC Adhesive Orange & Red APC - 219)	Viscosity at 25 o C	JSS 8010 – 48 Rev no. 1
12	CHEMICAL- ADHESIVES	Adhesive (Lacquer NC Adhesive Orange & Red APC - 219)	Finish	JSS 8010 – 48 Rev no. 1
13	CHEMICAL- ADHESIVES	Adhesive APC - 7	Softening Point	JSS 8030 - 19 REV NO. 2
14	CHEMICAL- ADHESIVES	Adhesive (APC – 210)	Acidity as H2SO4	JSS 8010 – 64 : Rev no. 2 Appendix A
15	CHEMICAL- ADHESIVES	Adhesive (APC – 210)	Drying time 1) surface dry	IS 101 (part 3 sect 1)
16	CHEMICAL- ADHESIVES	Adhesive (APC – 210)	Drying time 2) Hard Dry	IS 101 (part 3 sect 1)
17	CHEMICAL- ADHESIVES	Adhesive (APC – 210)	Sulphur compounds on dry residue as H2SO4	JSS 8010 – 64 Rev no. 2 Appendix B
18	CHEMICAL- ADHESIVES	Adhesive (APC – 210)	Viscosity at 27 o C ± 2 o C	JSS 8010 – 64 Rev no. 2
19	CHEMICAL- ADHESIVES	Adhesive (Cement RD 1279) APC 230	Kinematic viscosity (at 25 ± 0.5 o C)	JSS 8030:41 Rev.No.3
20	CHEMICAL- ADHESIVES	Adhesive APC - 101	Scratch Hardness Test	IS 101:(part 5/sec 2)
21	CHEMICAL- ADHESIVES	Adhesive APC - 11	Elongation Test	JSS 8030 - 24 REV NO. 2 Appendix C
22	CHEMICAL- ADHESIVES	Adhesive APC - 12	Sulphated Ash	JSS 9150 - 45 REV NO. 2

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23	CHEMICAL- ADHESIVES	Adhesive APC - 7	Behavior on Heating , a) Height of button	JSS 8030 - 19 Appendix A ,REV NO. 2
24	CHEMICAL- ADHESIVES	Adhesive APC - 7	Behavior on heating b) Flow Test	JSS 8030 - 19 REV NO. 2 Appendix A
25	CHEMICAL- ADHESIVES	Adhesive APC - 7	Consistency Test	JSS 8030 - 19 REV NO. 2 Appendix C
26	CHEMICAL- ADHESIVES	Adhesive APC 7	Lead and Lead Compounds	JSS 8030 - 19 REV NO. 2 Appendix D
27	CHEMICAL- ADHESIVES	Adhesive APC- 11	Behavior on Heating , b) Flow Test	JSS 8030 - 24 REV NO. 2 Appendix B
28	CHEMICAL- ADHESIVES	Adhesive (APC - 101)	Ash at 850 o C	JSS 8030 - 28 REV NO.2
29	CHEMICAL- ADHESIVES	Adhesive (APC - 101)	Lead Compounds	JSS 8030 - 28 REV NO.2
30	CHEMICAL- ADHESIVES	Adhesive (APC - 101)	Low Temperature Resistance	JSS 8030 - 28 REV NO.2 Appendix B
31	CHEMICAL- ADHESIVES	Adhesive (APC - 102)	Softening Point o C	JSS 8030 - 25 REV NO 2
32	CHEMICAL- ADHESIVES	Adhesive (APC 101)	Sieving 2) Grit	JSS 8030 - 28 REV NO. 2 Appendix A
33	CHEMICAL- ADHESIVES	Adhesive (APC 101)	Sieving 1) Retained on 250 micro meter IS Sieve	JSS 8030 - 28 REV NO 2 ,Appendix A
34	CHEMICAL- ADHESIVES	Adhesive (APC 101)	Softening Point o C	JSS 8030 - 28 REV NO 2
35	CHEMICAL- ADHESIVES	Adhesive (Ammunition protective compositions) (No. 201, 202, 211, 212, 218, 222, 223, 224, 225 & 226)	Total non Volatile matter	JSS 8010 – 63 Rev no.3 Appendix A
36	CHEMICAL- ADHESIVES	Adhesive (Ammunition protective compositions) (No. 201, 202, 211, 212, 218, 222, 223, 224, 225 & 226)	Adhesion & finish	JSS 8010 – 63 Rev no.3 Appendix D
37	CHEMICAL- ADHESIVES	Adhesive (Ammunition protective compositions) (No. 201, 202, 211, 212, 218, 222, 223, 224, 225 & 226)	Confirmation Test of Shellac	JSS 8010 – 63 Rev no.3 Appendix E
38	CHEMICAL- ADHESIVES	Adhesive (Ammunition protective compositions) (No. 201, 202, 211, 212, 218, 222, 223, 224, 225 & 226)	Iodine Value of Non Volatile matter	JSS 8010 – 63 Rev no.3 Appendix C
39	CHEMICAL- ADHESIVES	Adhesive (Ammunition protective compositions) (No. 201, 202, 211, 212, 218, 222, 223, 224, 225 & 226)	Ash	JSS 8010 – 63 Rev no.3 Appendix B
40	CHEMICAL- ADHESIVES	Adhesive (Ammunition protective compositions) (No. 201, 202, 211, 212, 218, 222, 223, 224, 225 & 226)	Ash	JSS 8010 – 63 Rev no.3 Appendix B
41	CHEMICAL- ADHESIVES	Adhesive (APC - 213/214	Adhesion & Finish	JSS 8010 – 41 Rev no.3
42	CHEMICAL- ADHESIVES	Adhesive (APC - 213/214)	Total solids ,Percent	JSS 8010 – 41 Rev no.3 Appendix D
43	CHEMICAL- ADHESIVES	Adhesive (APC - 213/214)	Drying time 2) Hard dry	IS – 101 Part 3 Sect. 1

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44	CHEMICAL- ADHESIVES	Adhesive (APC - 213/214)	Drying time 1) Surface dry	IS – 101 , Part 3 Sect. 1
45	CHEMICAL- ADHESIVES	Adhesive (APC - 213/214)	Dynamic Viscosity at 27 o C ±1 o C	IS 1448 P - 25
46	CHEMICAL- ADHESIVES	Adhesive (APC - 213/214)	Flexibility	JSS 8010 – 41 Rev no.3
47	CHEMICAL- ADHESIVES	Adhesive (APC - 213/214)	Resistance to boiling water & alkali	JSS 8010 – 41 , Rev no.3 Appendix A, B
48	CHEMICAL- ADHESIVES	Adhesive (APC - 213/214)	Stability of colour	JSS 8010 – 41 Rev no.3
49	CHEMICAL- ADHESIVES	Adhesive (APC - 213/214)	Water Content	JSS 8010 – 41 Rev no.3
50	CHEMICAL- ADHESIVES	Adhesive (APC - 213/214)	Webbing Test	JSS 8010 – 41 Rev no.3 Appendix C
51	CHEMICAL- ADHESIVES	Adhesive (APC - 101)	Calcium Compounds Calculated as CaCO3	JSS 8030 - 28 REV NO. 2 , Appendix C
52	CHEMICAL- ADHESIVES	Adhesive (APC - 12)	Corrosion	JSS 9150 - 45 REV NO. 2 Appendix A
53	CHEMICAL- ADHESIVES	Adhesive (APC - 12)	Stability	JSS 9150 - 45 REV NO. 2
54	CHEMICAL- ADHESIVES	Adhesive (APC – 210)	Adhesion (Pressure test)	JSS 8010 – 64 Rev no. 2
55	CHEMICAL- ADHESIVES	Adhesive (APC – 210)	Scratch Hardness Test	IS – 101 , Part 5 Sect. 2
56	CHEMICAL- ADHESIVES	Adhesive (APC – 210)	Thickness of Film	IS – 101 , Part 3 Sect. 2
57	CHEMICAL- ADHESIVES	Adhesive (APC – 210)	Toughness test(Bend test) on Rod 6.35 mm.	JSS 8010 – 64 Rev no. 2
58	CHEMICAL- ADHESIVES	Adhesive (APC – 221 Grade I & Grade I special)	Ash on Incineration	IS – 101 ,Part 8 Sect. 3
59	CHEMICAL- ADHESIVES	Adhesive (APC – 221 Grade I & Grade I special)	Chlorides	JSS 8010 – 28 Rev no.2 Appendix A
60	CHEMICAL- ADHESIVES	Adhesive (APC – 221 Grade I & Grade I special)	Consistency	IS – 101 , Part I Sect. 5
61	CHEMICAL- ADHESIVES	Adhesive (APC – 221 Grade I & Grade I special)	Finish of Stoved Film	IS – 101 , Part 3 Sect. 4
62	CHEMICAL- ADHESIVES	Adhesive (APC – 221 Grade I & Grade I special)	Flash point	IS – 101 , Part I Sect. 6
63	CHEMICAL- ADHESIVES	Adhesive (APC – 221 Grade I & Grade I special)	Flexibility	IS – 101 , Part 5 Sect. 2
64	CHEMICAL- ADHESIVES	Adhesive (APC – 221 Grade I & Grade I special)	Protection against Corrosion	IS – 101 , Part 6 Sect.1
65	CHEMICAL- ADHESIVES	Adhesive (APC – 221 Grade I & Grade I special)	Resistance to water at 60 o C	IS – 101 , Part 7 Sect. 1
66	CHEMICAL- ADHESIVES	Adhesive (APC – 221 Grade I & Grade I special)	Volatile matter at 110 o C for 3 hrs.	IS – 101, Part 2 Sect. 2
67	CHEMICAL- ADHESIVES	Adhesive (APC 102)	Soluble Lead Compounds Calculated as Lead Monoxide	JSS 8030 - 25 REV NO 2 Appendix A
68	CHEMICAL- ADHESIVES	Adhesive (Cement RD 1279) APC 230	Drying Time , minutes	JSS 8030:41 Rev.No.3

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69	CHEMICAL- ADHESIVES	Adhesive (Lacquer clear NC) (APC - 217)	Drying time , 2) Hard Dry	JSS 8010 – 42 Rev no. 3
70	CHEMICAL- ADHESIVES	Adhesive (Lacquer clear NC) (APC - 217	Bend Test	JSS 8010 – 42 Rev no. 3
71	CHEMICAL- ADHESIVES	Adhesive (Lacquer clear NC) (APC - 217)	Drying time 1) Surface dry	JSS 8010 – 42 Rev no. 3
72	CHEMICAL- ADHESIVES	Adhesive (Lacquer clear NC) (APC - 217)	Finish	JSS 8010 – 42 Rev no. 3
73	CHEMICAL- ADHESIVES	Adhesive (Lacquer Clear NC) (APC - 217)	pH of water extract	JSS 8010 – 42 Rev no. 3 Appendix C
74	CHEMICAL- ADHESIVES	Adhesive (Lacquer clear NC) (APC - 217)	Scratch Hardness Test	IS – 101 , Part 5 Sect. 2
75	CHEMICAL- ADHESIVES	Adhesive (Lacquer clear NC)(APC - 217)	Kinematic Viscosity	JSS 8010 – 42 Rev no. 3 Appendix D
76	CHEMICAL- ADHESIVES	Adhesive (Lacquer NC Adhesive Orange & Red (APC - 219)	Drying time, Hard Dry	JSS 8010 – 48 Rev no. 1
77	CHEMICAL- ADHESIVES	Adhesive (Lacquer NC Adhesive Orange & Red APC - 219)	Flexibility	JSS 8010 – 48 Rev no. 1
78	CHEMICAL- ADHESIVES	Adhesive (Lacquer NC Adhesive Orange & Red APC - 219)	pH of Water extract	JSS 8010 – 48 Rev no. 1 Appendix E
79	CHEMICAL- ADHESIVES	Adhesive (Lacquer NC Adhesive Orange & Red APC - 219)	Scratch Hardness test	IS – 101, Part 5 Sect. 2
80	CHEMICAL- ADHESIVES	Adhesive (Lacquer NC Adhesive Orange & Red APC - 219)	Total Solids	JSS 8010 – 48 Rev no. 1 Appendix A
81	CHEMICAL- ADHESIVES	Adhesive (Lacquer NC RD – 1198) (APC – 104)	Flexibility	JSS 8010 – 45 Rev no.1
82	CHEMICAL- ADHESIVES	Adhesive (Lacquer NC RD – 1198) (APC – 104	Freedom from Corrosive Compounds	JSS 8010 – 45 Rev no.1
83	CHEMICAL- ADHESIVES	Adhesive (Lacquer NC RD – 1198) (APC – 104)	Acidity Calculated as H2SO4	JSS 8010 – 45 Rev no.1 Appendix A
84	CHEMICAL- ADHESIVES	Adhesive (Lacquer NC RD – 1198) (APC – 104)	Drying time , 1) Surface dry	JSS 8010 – 45 Rev no.1
85	CHEMICAL- ADHESIVES	Adhesive (Lacquer NC RD – 1198) (APC – 104)	Drying time , 2) Hard Dry	JSS 8010 – 45 Rev no.1
86	CHEMICAL- ADHESIVES	Adhesive (Lacquer NC RD – 1198) (APC – 104)	Finish	JSS 8010 – 45 Rev no.1
87	CHEMICAL- ADHESIVES	Adhesive (Lacquer NC RD – 1198) (APC – 104)	Kinematic viscosity at 27 o C ± 2 o C	JSS 8010 – 45 Rev no.1
88	CHEMICAL- ADHESIVES	Adhesive (NC Dope APC – 236)	Acidity as H2SO4	JSS 8010 – 62 Rev no.2 Appendix A
89	CHEMICAL- ADHESIVES	Adhesive (NC Dope APC – 236)	Drying time 2) Hard Dry	JSS 8010 – 62 Rev no.2
90	CHEMICAL- ADHESIVES	Adhesive (NC Dope APC – 236)	Drying time, 1) Surface Dry	JSS 8010 – 62 Rev no.2
91	CHEMICAL- ADHESIVES	Adhesive (NC Dope APC – 236)	Sulphur Compounds	JSS 8010 – 62 Rev no.2 Appendix B
92	CHEMICAL- ADHESIVES	Adhesive (NC Dope APC – 236)	Viscosity at 27 o C	JSS 8010 – 62 Rev no.2

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93	CHEMICAL- ADHESIVES	Adhesive - (Cement RD 1279) APC 230	Volatile Matter	JSS 8030:41 Rev.No.3 Appendix A
94	CHEMICAL- ADHESIVES	Adhesive APC - 12	Drop Point	JSS 9150 - 45 REV NO. 2
95	CHEMICAL- ADHESIVES	Adhesive APC - 12	Free Alkali , Calculated as Calcium Hydroxide	JSS 9150 - 45 REV NO. 2
96	CHEMICAL- ADHESIVES	Adhesive APC - 12	Free Organic Acid , Calculated as Oleic Acid	JSS 9150 - 45 REV NO. 2
97	CHEMICAL- ADHESIVES	Adhesive APC - 12	Water Content	JSS 9150 - 45 REV 2
98	CHEMICAL- ADHESIVES	Adhesive APC - 7	Elongation Test	JSS 8030 - 19 REV NO. 2 Appendix B
99	CHEMICAL- ADHESIVES	Adhesive APC 11	Behavior on Heating a) Height of Button	JSS 8030 - 24 REV NO. 2 Appendix B
100	CHEMICAL- ADHESIVES	APC No 9 , APC No. 10	Other Metal Compounds calculated as metals,	JSS 8030-15 Rev no : 2
101	CHEMICAL- ADHESIVES	APC No 9 & APC No. 10	Compounds of Calcium Calculated as Calcium Carbonate	JSS 8030-15 Rev no : 2
102	CHEMICAL- ADHESIVES	APC - 2	Coarse Particles & Skins	JSS 8030 - 14 REV NO. 4 Appendix A
103	CHEMICAL- ADHESIVES	APC - 2	Drying Time	JSS 8030 - 14 REV NO. 4
104	CHEMICAL- ADHESIVES	APC - 2	Ferrous Compounds	JSS 8030 - 14 REV NO. 4 Appendix B
105	CHEMICAL- ADHESIVES	APC - 2	Soluble Lead Compounds	JSS 8030 - 14 REV NO. 4
106	CHEMICAL- ADHESIVES	APC - 2	Volatile Matter	JSS 8030-14 REV NO. 4 Appendix C
107	CHEMICAL- ADHESIVES	APC - 220 Type A & B Lacquer ,Shellac, Kaolin	Adhesive Finish	JSS: 8010 - 46 Rev No :2
108	CHEMICAL- ADHESIVES	APC - 220 Type A & B Lacquer ,Shellac, Kaolin	Ash Content	JSS:8010-46 Rev No :2
109	CHEMICAL- ADHESIVES	APC - 220 Type A & B Lacquer ,Shellac, Kaolin	Drying Time	JSS: 8010-46 Rev No :2
110	CHEMICAL- ADHESIVES	APC - 220 Type A & B Lacquer ,Shellac, Kaolin	Volatile Matter	JSS:8010-46 Rev No :2
111	CHEMICAL- ADHESIVES	APC - 5	Gelation Time at 27 o C	JSS 8030 - 20 REV NO. 3 Appendix B
112	CHEMICAL- ADHESIVES	APC -2	Red Oxide of Iron	JSS 8030 - 14 REV NO. 4 Appendix D
113	CHEMICAL- ADHESIVES	APC 215 - 216	Drying Time a) Surface Dry	JSS: 8010 - 51 (Rev No : 3)
114	CHEMICAL- ADHESIVES	APC 215 - 216	Resistance to Water at 60 o C	JSS: 8010 - 51 REV NO. 3
115	CHEMICAL- ADHESIVES	APC 215 - 216	Stripping test (Hardness)	JSS: 8010 - 51 (Rev No . 3)

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116	CHEMICAL- ADHESIVES	APC 215 - 216	Viscosity at 25 o C Time in seconds.	JSS: 8010 - 51 REV NO.3 (Rev No : 3)
117	CHEMICAL- ADHESIVES	APC 215 -216	Drying Time , b) Hard Dry	JSS: 8010 - 51 REV NO. 3
118	CHEMICAL- ADHESIVES	APC 215 -216	Flexibility	JSS: 8010 - 51 (Rev No .3)
119	CHEMICAL- ADHESIVES	APC 215 -216	Resistance to Ammonium Nitrate	JSS: 8010 - 51 (REV NO. 3) Appendix A
120	CHEMICAL- ADHESIVES	APC 6 Adhesive rubber rosin XN APC 6 A Adhesive rubber rosin XP	Adhesive Strength	JSS:8040:12: Rev No 3) , Appendix J
121	CHEMICAL- ADHESIVES	APC 6 Adhesive rubber rosin XN APC 6 A Adhesive rubber rosin XP	Drying Time	JSS:8040:12: (Rev No 3) Appendix H
122	CHEMICAL- ADHESIVES	APC 6 Adhesive rubber rosin XN APC 6 A Adhesive rubber rosin XP	Sulphur	JSS:8040:12, (Rev No 3) Appendix E
123	CHEMICAL- ADHESIVES	APC 6 Adhesive rubber rosin XN APC 6 A Adhesive rubber rosin XP	Fillers	JSS:8040:12, (Rev No 3) Appendix B
124	CHEMICAL- ADHESIVES	APC 6 Adhesive rubber rosin XN APC 6 A Adhesive rubber rosin XP	Lead Compounds	JSS:8040:12, (Rev No 3) Appendix F
125	CHEMICAL- ADHESIVES	APC 6 Adhesive rubber rosin XN APC 6 A Adhesive rubber rosin XP	pH of Aqueous Extract	JSS:8040:12, (Rev No 3) Appendix A , C
126	CHEMICAL- ADHESIVES	APC 6 Adhesive rubber rosin XN APC 6 A Adhesive rubber rosin XP	Free Sulphur	JSS:8040:12,(Rev No 3) Appendix M
127	CHEMICAL- ADHESIVES	APC 6 Adhesive rubber rosin XN APC 6 A Adhesive rubber rosin XP	Total Solids	JSS:8040:12, (Rev No 3) Appendix K
128	CHEMICAL- ADHESIVES	APC 6 Adhesive rubber rosin XN APC 6 A Adhesive rubber rosin XP	Carbonates as CaCO3,	JSS:8040:12, (Rev No 3) Appendix D
129	CHEMICAL- ADHESIVES	APC 6 Adhesive rubber rosin XN APC 6 A Adhesive rubber rosin XP	Chlorides	JSS:8040:12, (Rev No 3) Appendix G
130	CHEMICAL- ADHESIVES	APC No. 9 , APC No. 10	Soluble Lead compounds calculated as Lead monoxide	JSS 8030-15 Rev no : 2
131	CHEMICAL- ADHESIVES	CEMENT ABS	Adhesive Strength	IND/ME/890 Appendix 'C'
132	CHEMICAL- ADHESIVES	CEMENT ABS	Chlorides ,calculated as NaCl	JSS 1010 METHOD 7(b)
133	CHEMICAL- ADHESIVES	CEMENT ABS	Drying time	IND/ME/890 Appendix 'B'
134	CHEMICAL- ADHESIVES	CEMENT ABS	Kinematic Viscosity at 25 o C	IS 1448 P 25
135	CHEMICAL- ADHESIVES	CEMENT ABS	pH of water extract	JSS 1010 METHOD 5 (b)
136	CHEMICAL- ADHESIVES	CEMENT ABS	Sulphates calculated as Na2SO4	JSS 1010 METHOD 8
137	CHEMICAL- ADHESIVES	CEMENT ABS	Volatile Matter	IND/ME/890 Appendix 'A'

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138	CHEMICAL- ADHESIVES	Lacquer ,clear, phenol formaldehyde ,Stoving Lead free (APC 209) Types - A,B,C,D and E	Total Solids	JSS 8010-47 Rev No : 2 Appendix A
139	CHEMICAL- ADHESIVES	Lacquer ,Clear, Phenol formaldehyde , Stoving Lead free (APC 209) Types A,B,C,D and E	Finish of Stove Film	JSS 8010-47 Rev No : 2
140	CHEMICAL- ADHESIVES	Lacquer ,clear, Phenol formaldehyde , Stoving Lead free (APC 209) Types A,B,C,D and E	Flexibility	JSS 8010-47 Rev No : 2
141	CHEMICAL- ADHESIVES	Lacquer ,clear, Phenol formaldehyde , Stoving Lead free (APC 209) Types A,B,C,D and E	Lead Compound	JSS 8010-47 Rev No : 2
142	CHEMICAL- ADHESIVES	Lacquer ,clear, Phenol formaldehyde , Stoving Lead free (APC 209) Types A,B,C,D and E	Protection against Corrosion	JSS 8010-47: Rev No : 2 Appendix C
143	CHEMICAL- ADHESIVES	Lacquer ,clear, Phenol formaldehyde , Stoving Lead free (APC 209) Types A,B,C,D and E	Resistance to Nitrobenzene	JSS 8010-47 Rev No : 2 Appendix E
144	CHEMICAL- ADHESIVES	Lacquer ,clear, Phenol formaldehyde , Stoving Lead free (APC 209) Types A,B,C,D and E	Water soluble Chlorides	JSS 8010-47 Rev No : 2 Appendix B
145	CHEMICAL- ADHESIVES	Lacquer ,clear, Phenol formaldehyde ,Stoving Lead free (APC 209) Types A,B,C,D and E	Resistance To Water	JSS 8010-47 Rev No : 2 Appendix E
146	CHEMICAL- ADHESIVES	PARAFFIN WAX	Ash Content	JSS 9160-06 Rev No: 2
147	CHEMICAL- ADHESIVES	Paraffin Wax	Insoluble Matter in petroleum ether	JSS 9160-06 Rev No: 2
148	CHEMICAL- ADHESIVES	Paraffin Wax	Melting Point	JSS 9160-06 Rev No: 2 Appendix A
149	CHEMICAL- ADHESIVES	PARAFFIN WAX	Mineral Acidity	JSS 9160-06 Rev No: 2 Appendix 'B'
150	CHEMICAL- ADHESIVES	Paraffin Wax	Organic Acidity	JSS 9160-06 Rev No: 2 Appendix 'C'
151	CHEMICAL- ADHESIVES	PARAFFIN WAX	pH	JSS 9160-06 Rev No: 2 Appendix 'E'
152	CHEMICAL- ADHESIVES	Paraffin Wax	Saponifiable Matter	JSS 9160-06: Rev No: 2 Appendix 'D '
153	CHEMICAL- ADHESIVES	Shellac	Acidity to Methyl Orange and Alkalinity to Phenolphthalein	JSS - 8010 - 17 Appendix - A
154	CHEMICAL- ADHESIVES	Shellac	Ash	JSS - 8010 -17
155	CHEMICAL- ADHESIVES	Shellac	Ash	JSS - 8010 -17
156	CHEMICAL- ADHESIVES	Shellac	Color index	JSS - 8010 – 17
157	CHEMICAL- ADHESIVES	Shellac	Grit Percent	JSS - 8010 - 17
158	CHEMICAL- ADHESIVES	Shellac	Heat of Polymerization	JSS 8010 - 17

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159	CHEMICAL- ADHESIVES	Shellac	Iodine value	JSS - 8010- 17
160	CHEMICAL- ADHESIVES	Shellac	Matter Soluble in Cold Alcohol	JSS - 8010- 17 Appendix B, C
161	CHEMICAL- ADHESIVES	Shellac	Matter Soluble in Water	JSS - 8010 - 17
162	CHEMICAL- ADHESIVES	Shellac	Volatile Matter	JSS - 8010 - 17
163	CHEMICAL- ADHESIVES	Shellac	Wax	JSS 8010 - 17
164	CHEMICAL- ADHESIVES	Varnish NC RD - 1198 B	Drying time 2) hard dry	IS –101 ,Part 3 Sect. 1
165	CHEMICAL- ADHESIVES	Varnish NC RD - 1198 B	Freedom from corrosive compounds	IND/ME/368 (c) Appendix B
166	CHEMICAL- ADHESIVES	Varnish NC RD - 1198 B	Kinematic viscosity of thinned material at 25 o C ± 1 o C	IS 1448 P 25
167	CHEMICAL- ADHESIVES	Varnish NC RD - 1198 B	Bend test Flexibility & adhesion	IS – 101 , Part 5 Sect. 2
168	CHEMICAL- ADHESIVES	Varnish NC RD - 1198 B	Resistance to warm water	IND/ME/368 (c) Appendix A
169	CHEMICAL- ADHESIVES	Varnish NC RD - 1198 B	Acidity	IND/ME/368 (c) Appendix C
170	CHEMICAL- ADHESIVES	Varnish NC RD - 1198 B	Scratch Hardness Test	IS – 101 , Part 5 Sect. 2
171	CHEMICAL- BUILDING MATERIAL	Admixture	Ash content	IS 9103
172	CHEMICAL- BUILDING MATERIAL	Admixture	Chlorides (Cl -)	IS 9103
173	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
174	CHEMICAL- BUILDING MATERIAL	Admixture	pH value	IS 9103
175	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
176	CHEMICAL- BUILDING MATERIAL	Aggregate , River Sand, Crush Sand	1) Deleterious matter c) LIGHT-WEIGHT PIECES	IS 2386 PART 2
177	CHEMICAL- BUILDING MATERIAL	Aggregate , River Sand, Crush Sand	1) Deleterious matter d) soft particles	IS 2386 PART 2
178	CHEMICAL- BUILDING MATERIAL	Aggregate , River Sand, Crush Sand	1) Deleterious matter b) clay, fine silt and fine dust (sedimentation method)	IS 2386 PART 2
179	CHEMICAL- BUILDING MATERIAL	Aggregate , River Sand, Crush Sand	1) Deleterious Matter e) Organic Impurities	IS 2386 PART 2

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180	CHEMICAL- BUILDING MATERIAL	Aggregate , River Sand, Crush Sand	3) potential reactivity of aggregates (chemical method) i) Dissolved Silica, by Gravimetric method	IS 2386 PART 7
181	CHEMICAL- BUILDING MATERIAL	Aggregate , River Sand, Crush Sand	3) potential reactivity of aggregates (chemical method) ii) Dissolved Silica by the Photometric Method	IS 2386 PART 7
182	CHEMICAL- BUILDING MATERIAL	Aggregate , River Sand, Crush Sand	3) potential reactivity of aggregates (chemical method) iii) Reduction in alkali	IS 2386 PART 7
183	CHEMICAL- BUILDING MATERIAL	Aggregate ,River Sand, Crush Sand	2) Soundness Test Loss in weight	IS 2386 PART 2
184	CHEMICAL- BUILDING MATERIAL	Aggregates , River Sand , Crush Sand	1) Deleterious matter a) clay lumps	IS 2386 PART 2
185	CHEMICAL- BUILDING MATERIAL	Fly Ash	Aluminum Oxide (Al2O3)	IS 1727
186	CHEMICAL- BUILDING MATERIAL	Fly Ash	Calcium Oxide (CaO)	IS 1727
187	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chlorides (Cl-)	IS 4032
188	CHEMICAL- BUILDING MATERIAL	Fly Ash	Iron Oxide . (Fe2O3)	IS 1727
189	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss on ignition (LOI)	IS 1727
190	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesium Oxide , (MgO)	IS 1727
191	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica (SiO2)	IS 1727
192	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphuric anhydride	IS 1727
193	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Aluminum Oxide (Al2O3)	IS 4032
194	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Calcium Oxide (CaO)	IS 4032
195	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Iron Oxide (Fe2O3)	IS 4032
196	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Loss on ignition (LOI)	IS 4032

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197	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Silica (SiO2)	IS 4032
198	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Chlorides (Cl -)	IS 4032
199	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Insoluble Residue	IS 4032
200	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Ratio of percentage of alumina to that of iron oxide , By Calculation	IS 269
201	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Ratio of percentage of lime to percentage of silica, alumina and iron oxide , By Calculation	IS 269
202	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Sulphuric anhydride (SO3)	IS 4032
203	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Magnesium Oxide (MgO)	IS 4032
204	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Water Tolerance Test B) At 60 +/- 2 o C for 24 +/- 2 hrs. b) Sedimentation	IS 8654 Annex H
205	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Appearance	IS 8654
206	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Brake Fluid stability b)Chemical stability, Change in ERBP of mixture	IS 8654 Annex D
207	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Brake Fluid stability a) High Temperature stability, Change in ERBP	IS 8654 Annex D
208	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Compatibility Test A) At -40 +/- 2 o C for 24 +/- 2 hrs. 1) Clarity	IS 8654 Annex J
209	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Compatibility Test B) At 60 +/- 2 o C for 24 +/- 2 hrs. a) Stratification	IS 8654 Annex J
210	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Compatibility Test A) At -40 +/- 2 o C for 24 +/- 2 hrs. 2) Sludging, Sedimentation, Crystallization or Stratification	IS 8654 Annex J
211	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Compatibility Test B) At 60 +/- 2 o C for 24 +/- 2 hrs. b)Sedimentation	IS 8654 Annex J

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212	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Corrosion Test at 100 +/- 2 o C for 120 +/- 2 h c) Appearance of test fluid in the jar at 23 +/- 5 o C	IS 8654 Annex E
213	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Corrosion Test at 100 +/- 2 o C for 120 +/- 2 hrs. a)mass Change , 2)Steel	IS 8654 Annex E
214	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Corrosion Test at 100 +/- 2 o C for 120 +/- 2 hrs. b) Condition of Test metal strips	IS 8654 Annex E
215	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Corrosion Test at 100 +/- 2 o C for 120 +/- 2 hrs. a) mass Change 1)Tinned Iron	IS 8654 Annex E
216	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Corrosion Test at 100 +/- 2 o C for 120 +/- 2 hrs. g) Effect on rubber cup (SBBP) 1) Appearance	IS 8654 Annex E
217	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Corrosion Test at 100 +/- 2 o C for 120 +/-2 hrs. d) Crystalline deposits on the walls of test jar, Test metal strips	IS 8654 Annex E
218	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Corrosion Test at 100 +/- 2 o C for 120+/- 2 hrs. a) mass Change , 5) Brass	IS 8654 Annex E
219	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Corrosion Test at 100 +/- 2 o C for 120+/- 2 hrs. a) mass Change , 4) Cast Iron	IS 8654 Annex E
220	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Corrosion Test at 100 +/- 2 o C for 120+/- 2 hrs. e) Sediments	IS 8654 Annex E
221	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Corrosion Test at 100 +/- 2 oC for 120+/- 2 hrs. g) Effect on rubber cup (SBBP) 2) Hardness Decrease (IRHD)	IS 8654 Annex E
222	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Corrosion Test at 100+/- 2 o C for 120 +/- 2 hrs. a) mass Change , 3) Aluminum	IS 8654 Annex E
223	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Corrosion Test at 100+/- 2 o C for 120+/- 2 hrs. g) Effect on rubber cup (SBBP) 3) Base diameter increase	IS 8654 Annex E

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224	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Effect on SRB CUPS A) At 70 +/- 2 o C for 70 +/- 2 Hrs. 2) Base Diameter Increase	IS 8654 Annex L
225	CHEMICAL- LUBRICANTS	Brake Fluid oil	Effect on SRB CUPS A) At 70 +/- 2 o C for 70 +/- 2 Hrs. 3) Appearance	IS 8654 Annex L
226	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Effect on SRB CUPS B) At 120 +/- 2 o C for 70 +/- 2 Hrs. 2) Base Diameter Increase	IS 8654 Annex L
227	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Effect on SRB CUPS B) At 120 +/- 2 o C for 70 +/- 2 Hrs. 3) Appearance	IS 8654 Annex L
228	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Effect on SRB CUPS A) At 70 +/- 2 o C for 70 +/- 2 Hrs. 1) Hardness Decrease, IRHD	IS 8654 Annex L
229	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Effect on SRB CUPS B) At 120 +/- 2 o C for 70 +/- 2 Hrs. 1)Hardness Decrease, IRHD	IS 8654 Annex L
230	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Equilibrium Reflux Boiling point (ERBP)	IS 8654 Annex A
231	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Evaporation Test at 100 +/- 2 o C b) Abrasiveness or grittiness	IS 8654 Annex G
232	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Evaporation Test at 100 +/- 2 o C c) Flow of residue at - 5 o C for 5 Seconds	IS 8654 Annex G
233	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Evaporation Test at 100 +/- 2 o C a) Loss	IS 8654 Annex G
234	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Fluidity and appearance at low temperature a) At -40+/- 2 o C for 144 +/- 4 hrs. 2)Bubble flow time	IS 8654 Annex F
235	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Fluidity and appearance at low temperature a) At -40+/- 2 o C for 144 +/- 4 hrs. 1)Sludging ,Sedimentation ,Crystallization or Stratification	IS 8654 Annex F
236	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Kinematic Viscosity b) At 100 o C	IS 1448 P : 25
237	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Kinematic Viscosity , cSt a) At -40 o C	IS 1448 P : 25
238	CHEMICAL- LUBRICANTS	Brake Fluid Oil	pH	IS 8654 Annex C

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239	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Resistance to Oxidation b) Condition of metal strips	IS 8654 Annex K
240	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Resistance to Oxidation a) Change in mass	IS 8654 Annex K
241	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Water Tolerance Test B) At 60 +/- 2 o C for 24 +/- 2 hrs. a) Stratification	IS 8654 Annex H
242	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Water Tolerance Test A) At - 40 +/- 2 o C for 120 +/- 2 hrs. 2)Sludging, Sedimentation,Crystallization or Stratification	IS 8654 Annex H
243	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Water Tolerance Test A)At -40 + 2 o C for 120 +/- 2 hrs. 1)Clarity	IS 8654 Annex H
244	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Water Tolerance Test A)At -40 +/- 2 o C for 120 +/- 2 hrs. 3) Air bubble flow Time	IS 8654 Annex H
245	CHEMICAL- LUBRICANTS	Brake Fluid Oil	Wet Equilibrium Reflux Boiling point	IS 8654 Annex B
246	CHEMICAL- LUBRICANTS	Grease	Acidity /Alkalinity	IS 1448 (PART 53)
247	CHEMICAL- LUBRICANTS	Grease	Drop Point	ASTM D 2265
248	CHEMICAL- LUBRICANTS	Grease	Drop point	IS 1448 (PART 52)
249	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Cloud point	IS 1448 (P:10 Sec 1)
250	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Fire Pont by Cleveland Pen Cup	ASTM D 92
251	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Flash point by Cleveland pen cup	ASTM D 92
252	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Kinematic Viscosity 1) at 25 o C	IS 1448 (P:25)
253	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Kinematic Viscosity at 40 o C	ASTM D 445

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254	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Water content by distillation	IS 1448 (P:40)
255	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Kinematic Viscosity at 100 o C	ASTM D 445
256	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil, Oils and Greases, Quenching oil, Fuel oils	Pour Point	IS 1448 (P:10 Sec 2)
257	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Kinematic Viscosity 1) at 25 o C	ASTM D 445
258	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Viscosity Index	ASTM D 2270
259	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Viscosity Index	IS 1448 (P:56)
260	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and grease , Quenching oil	Kinematic Viscosity , at 40 o C	IS 1448 (P:25)
261	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Ash Content	IS 1448 (P : 4)
262	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Ash content	IS 1448 (P:4)
263	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Density ,Relative density by Pycnometer method	IS 1448 (P:32)
264	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Fire Point By Cleveland Open Cup	IS 1448 (P : 69)
265	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Flash Point by Cleveland Open Cup	IS 1448 (P:69)
266	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Flash point by Abel apparatus	IS 1448 (P:20)
267	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Gross calorific value (GCV)	IS 1448 (P:6)

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268	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Saponification Number	ASTM D 94
269	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Saponification Number	ASTM D 94
270	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Saponification Value	IS 1448 (P : 55)
271	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Saponification Value	IS 1448 (P:55)
272	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Sulphated Ash	ASTM D 874
273	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Sulphated ash	ASTM D 874
274	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Sulphated Ash	IS 1448 (P :4)
275	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Sulphated Ash	IS 1448 (P:4)
276	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Sulphur	IS 1448 (P : 33)
277	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Sulphur	IS1448 [P:33]
278	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Water content by distillation	ASTM D 95
279	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Water content by distillation	ASTM D 95
280	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Water content by distillation	IS 1448 (P : 40)
281	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Water Content By Karl Fischer Method	ASTM E 203

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
282	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil , Oils and Greases, Quenching oil, Fuel oils	Water Content by Karl Fisher Method	ASTM E 203
283	CHEMICAL- LUBRICANTS	Lubricating Oils , Transformer oils, Thermic Fluid , Hydraulic Oil , Fuel Oil, Cutting Oil , Heat Treatment Oil, Brake Fluid Oil ,Oils and Greases, Quenching oil, Fuel oils	Kinematic Viscosity at 100 o C	IS 1448 (P:25)
284	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Accelerated Storage Stability	IS 138 ANNEX C
285	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Accelerated storage stability	IS 168, Annex D
286	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Adhesion by Cross Cut - 1 mm , 2 mm , 3 mm	ASTM D-3359
287	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Adhesion by Cross cut test	IS 101: (part 5/sec 2)
288	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Application Properties	IS 15489
289	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Argillaceous Matter	JSS 8010:68 , Rev.3 Appendix D
290	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Ash content	IS – 101 , Part 8 Sect. 3
291	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Calcium Compounds (as CaCO3), Percent By mass on dry pigment,	APPENDIX A of IS 63
292	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Calcium Compounds (as CaCO3), Percent By mass on dry pigment,	APPENDIX A of IS 63
293	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Chromium oxide	IS : 6947 (Part III)
294	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Conditions in the Container	IS 15489
295	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Consistency	IS 15489

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296	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Consistency by Flow Cup	IS :101 Part I Sect. 5
297	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Degradation of Coating	IS 101 Part - 6 , sec 4
298	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	IS 5
299	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Drying time 1)Surface dry	IS : 101 , Part 3 Sect. 1
300	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Drying time 3) Tack Free	IS : 101 , Part 3 Sect. 1
301	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Drying Time , 3) Tack Free	IS 101 , Part 3 Sec 1
302	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Drying Time , 1) Surface Dry	ASTM D 1640
303	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Drying Time , 2) Hard Dry	ASTM D 1640
304	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Drying Time , 2) Hard Dry	ASTM D 1640
305	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Drying Time : a) Drying time 1 hour at Room temperature	IS 5666 Clause no.3.5.1.
306	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Drying Time : b) Force drying for 15 min at 85 - 100 o C	IS 5666 Clause no 3.5.2
307	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Drying Time in minutes , 2) Hard Dry	IS 101 , Part 3 , Sec 1
308	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Drying time in Minutes ,2) Hard Dry	IS : 101 , Part 3 Sect. 1

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309	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Film thickness	ASTM D 7091
310	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Film Thickness	IS :101 , Part 3 Sect. 2
311	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Fineness of grind	ASTM D 1210
312	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Fineness of Grind	IS 101: (Part 3/sec 5)
313	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Finish	IS – 101 , Part 3 Sect. 4
314	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Fitness to take coat of primer	IS 5666 Clause no.3.8
315	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Flash point (o C)	IS: 101 , Part I Sect. 6
316	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Flexibility & Adhesion (Bend Test)	IS – 101, Part 5 Sect. 2
317	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Flexibility & Adhesion (bend test)	ASTM D 522
318	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Flexibility & Adhesion (Conical Mandrel)	ASTM D 522
319	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Gloss at 60 o	IS: 101 Part 4/Sec 4
320	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Gloss at 60 o	ASTM D 523
321	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Impact Resistance	ASTM D 2794
322	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Impact Resistance	IS 101 ,(part 5/sec 3) .

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323	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Lead Restriction	IS : 6947 (Part III)
324	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Lead Restriction	IS – 101 , Part 8 Sect. 5
325	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Mass in Kg per 10 Lit.	IS :101 , Part I Sect. 7
326	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Mass in Kg per 10 liters.	ASTM D 1475
327	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Moisture Vapor Permeability Test	IS 101:(part 6/sec 3)
328	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Moisture Vapour Permeability Test	ASTM D 1653
329	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Pencil Hardness	IS 101:(Part 5/sec 1)
330	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Pencil Hardness Test	ASTM D 3363
331	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Pigments & Non Volatile Matter	ASTM D 2698
332	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Pigments & Non volatile Matter	IS – 101 , Part 8 Sect. 2
333	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Pot life	IS 13213 ,Annex 'D'
334	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Pot Life	IS 13799
335	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Pressure Test	IS 101:(part 5/sec 1)
336	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Pull off Strength of Coating	ASTM D 4541

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337	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Pull off Strength of Coatings	IS 101:(part 5/sec 2)
338	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Recoating properties	IS 15489
339	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Recoating properties	IS 5410
340	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Residue on Sieve	IS 101:(part 8/sec 1)
341	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Resistance to Acids & Alkalies	IS – 2932 ,ANNEX 'D', ' E '
342	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Resistance to dry rubbing	IS 5410
343	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Resistance to Heat	IS – 101 , Part 7 Sect. 3
344	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Resistance to Humidity	ASTM D 2247
345	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Resistance to Humidity	IS – 101 , Part 6 Sect. 1
346	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Resistance to humidity for constant Humidity	ISO 6270-2
347	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Resistance to Liquids, Petroleum Solvents & Oils	IS – 101 , Part 7 Sect. 2
348	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Resistance to Water	ASTM D 870
349	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Resistance to Water	IS – 101, Part 7 Sect. 1
350	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Salt Spray Test	ASTM D 1654

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351	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Salt Spray Test	IS 101 PART 6/SEC 1
352	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Salt Spray Test	ASTM B-117
353	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Salt Spray Test	ISO : 9227
354	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Salt spray Test	JSS : 55555
355	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Temperature stability test	IS 15489
356	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Temperature stability test	IS 428
357	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Theoretical Coverage	IS 101 Part 8 , Sec 6
358	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Theoretical Coverage	IS 101 Part 8 , Sec 6
359	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Thinning	IS 15489
360	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Volatile Matter	ASTM D 2369
361	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Volatile Matter	IS : 101 , Part 2 Sect. 2
362	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Volatile Organic Compound	ASTM D 3960
363	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Volatile Organic Compound	IS 101 (Part - 2/ Sec 3)
364	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Volume Solids	ASTM D 2697

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365	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Volume Solids	IS – 101 , Part 8 Sect. 6
366	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Water content by 1) Dean & Stark	IS: 101 , Part 2 Sect. 1
367	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Water Content by Karl Fischer Method	ASTM D 4017
368	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Water Content by Karl Fischer Method	ASTM D 4017
369	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Water Repellency	IS 5410
370	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Zinc (Zn) Content	IS 14946 , ANNEX B , METHOD 2
371	CHEMICAL- PAINTS & SURFACE COATING	Drying oils, Gums, driers and paint removers, Paints & enamels, pigments and extenders, polish, powder coating, resin coatings, varnishes	Zinc oxide (ZnO)	IS : 6947 (Part III)
372	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabric (Woven and Non Woven)	Blend Composition , Cotton	ASTM D 629 Method No. 5
373	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabric (Woven and Non Woven)	Fiber Identification	ASTM D 629
374	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabric (Woven and Non Woven)	Moisture Content	IS 199
375	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabric (Woven and Non Woven)	pH of Aqueous Extract	IS 1390
376	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabric (Woven and Non Woven)	Scouring Loss	IS 1383
377	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabric (Woven and Non Woven)	Water Soluble Matter	IS 3456
378	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics(Woven & Non Woven)	Blend Composition , Polyester	ASTM D 629 Method No. 5
379	MECHANICAL- BUILDINGS MATERIALS	Adhesive & Sealant	Elongation at break	ASTM D 412
380	MECHANICAL- BUILDINGS MATERIALS	Adhesive & Sealant	Elongation at break	IS 3400 part 1

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381	MECHANICAL- BUILDINGS MATERIALS	Adhesive & Sealant	Elongation at break, %	ISO 37 - (E)
382	MECHANICAL- BUILDINGS MATERIALS	Adhesive & Sealant	Peel Strength	ASTM D 903
383	MECHANICAL- BUILDINGS MATERIALS	Adhesive & Sealant	Shear strength	ASTM D 1002
384	MECHANICAL- BUILDINGS MATERIALS	Adhesive & Sealant	Shear strength	ISO 4587
385	MECHANICAL- BUILDINGS MATERIALS	Adhesive & Sealant	Shore Hardness	ISO 7619 -1
386	MECHANICAL- BUILDINGS MATERIALS	Adhesive & Sealant	Shore Hardness	ASTM D 2240
387	MECHANICAL- BUILDINGS MATERIALS	Adhesive & Sealant	Shore Hardness	IS 3400 Part 23 Sect 1
388	MECHANICAL- BUILDINGS MATERIALS	Adhesive & Sealant	Specific gravity, (Density) Cured sealant	IS 3400 Part 9
389	MECHANICAL- BUILDINGS MATERIALS	Adhesive & Sealant	Tear Strength	DIN/ISO 34 -1
390	MECHANICAL- BUILDINGS MATERIALS	Adhesive & Sealant	Tear Strength	IS 3400 Part 17
391	MECHANICAL- BUILDINGS MATERIALS	Adhesive & Sealant	Tensile Strength	ASTM D 412
392	MECHANICAL- BUILDINGS MATERIALS	Adhesive & Sealant	Tensile Strength	ISO 37
393	MECHANICAL- BUILDINGS MATERIALS	Adhesive & Sealant	Tensile Strength	IS 3400 part 1
394	MECHANICAL- BUILDINGS MATERIALS	Sealant & Adhesive	Tack Free Time	ASTM C 679
395	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PU Foam	Density	IS 7888 , Clause 4
396	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Film , Plastic Pouches	Elongation at Break	IS 13360 part 5 sect 3
397	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PU Foam	Compression Set	IS 7888 , Clause 8
398	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PU Foam	Elongation at break	IS 7888 , Clause 5
399	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PU Foam	Flammability	IS 7888 , Clause 9

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400	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PU Foam	Hardness Number	IS 7888 , Clause 6
401	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PU Foam	Heat Ageing	IS 7888 Clause 10
402	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	PU Foam	Tensile strength	IS 7888 , Clause 5
403	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cellular Foam	Compression Strength	ASTM D 3575 ,Suffix D
404	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cellular Foam	Density	ASTM D 3575 ,Suffix W
405	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cellular Foam	Elongation at Break	ASTM D 3575 , Suffix T
406	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Cellular Foam	Tensile Strength	ASTM D 3575 Suffix T
407	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components Sheets, Containers	Burning Rate	ASTM D 635
408	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components, Plastic Sheets, Containers	Compression Strength	ASTM D 695
409	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components, Plastic Sheets, Containers	Compression Strength	IS 13360 (part 5 , sec. 8)
410	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components, Plastic Sheets, Containers	Density	ASTM D 792
411	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components, Plastic Sheets, Containers	Density	IS 13360 Part 3 , sec 10
412	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components, Plastic Sheets, Containers	Elongation at Break	ASTM D 638
413	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components, Plastic Sheets, Containers	Flammability	ANSI/UL - 94
414	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components, Plastic Sheets, Containers	Flexural Strength	ASTM D 790
415	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components, Plastic Sheets, Containers	Hardness	ASTM D 2240
416	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components, Plastic Sheets, Containers	Hardness	IS 13360 Part - 5 Sec - 11
417	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components, Plastic Sheets, Containers	Melting point o C	IS 13360 Part 6 sect 10
418	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components, Plastic Sheets, Containers	Overall Migration With Simulants	IS 9845

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419	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components, Plastic Sheets, Containers	Polymer Identification	KLQMS / STP/ 012
420	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components, Plastic Sheets, Containers	Tensile Strength	ASTM D 638
421	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components, Plastic Sheets, Containers	Thickness	ASTM D 6988
422	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components, Plastic Sheets, Containers	Water Absorption	ASTM D 570
423	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components, Plastic Sheets, Containers	Water Absorption	IS 13360 Part 8 Sec 1
424	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Components, Sheets, Containers	Flexural Strength	IS 13360 Part 5 , Sec 7
425	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Film , Plastic Pouches	Elongation at Break	ASTM D 882
426	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Film , Plastic Pouches	Overall Migration with Simulants	IS 9845
427	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Film , Plastic Pouches	Tear Strength	IS 13360 Part 5 Sec
428	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Film , Plastic Pouches	Tensile Strength	ASTM D 882
429	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Film , Plastic Pouches	Tensile strength	IS 13360 part 5 sect 3
430	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Film , Plastic Pouches	Thickness	ASTM D 6988
431	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components , Rubber Slabs, Buttons	Accelerated ageing	IS 3400 part 4
432	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components, Rubber Slabs & Buttons	Compression Set	ASTM D 395
433	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber components ,Rubber slabs ,Buttons	Tensile Strength	IS 3400 part 1
434	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components , Rubber Slabs, Buttons	Effect of Liquid i) Change in Mass	ASTM D 471
435	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components , Rubber Slabs, Buttons	Effect of Liquid v) Change in Stress - Strain	ASTM D 471
436	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components , Rubber Slabs, Buttons	Effect of Liquid iii) Change in Dimensions	ASTM D 471
437	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components , Rubber Slabs, Buttons	Effect of Liquid , iv) Change in Hardness	IS 3400 Part 6

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438	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components , Rubber Slabs, Buttons	Effect of Liquid , ii) Change in Volume	ASTM D 471
439	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components , Rubber Slabs, Buttons	Effect of Liquid , iv) Change in Hardness	ASTM D 471
440	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components , Rubber Slabs, Buttons	Effect of Liquid , v) Change in Stress - Strain	IS 3400 Part 6
441	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components , Sheets,Buttons	Compression Set	IS 3400 PART 10 , Sec 1
442	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components ,Sheets, Buttons	Specific Gravity	IS 3400 Part 9
443	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components Rubber Slabs, Buttons	Effect of Liquid i) Change in Mass	IS 3400 part 6
444	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components Rubber Slabs, Buttons	Effect of Liquid ii) Change in Volume	IS 3400 Part 6
445	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components Rubber Slabs, Buttons	Effect of Liquid iii) Change in Dimensions	IS 3400 Part 6
446	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components Rubber Slabs, Buttons	Hardness	IS 3400 Part 23 , Sec 1
447	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components Rubber Slabs, Buttons	Hardness	IS 3400 Part 23 , Sec 1
448	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber components, Sheet, Button	Elongation at break	ASTM D 412
449	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components, Sheet, Buttons	Elongation at break	IS 3400 part 1
450	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber components, Sheets, Button	Tear Strength	IS 3400 part 17
451	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber components, Sheets, Button	Tensile Strength	ASTM D 412
452	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components, Sheets, Buttons	Ash	IS 3400 Part 22
453	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components, Sheets, Buttons	Compressive Strength	ASTM D 575
454	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components, Sheets, Buttons	Density	IS 3400 Part 9
455	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components, Sheets, Buttons	Hardness	ASTM D 2240
456	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components, Sheets, Buttons	Hardness	ASTM D 2240

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457	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Components, Sheets, Buttons	Identification of Rubber	IS 3400 part 22
458	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Sponge rubber Product – Rubber Components Sheets	Compressibility under Load	IND/ME/943 Appendix B
459	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Sponge Rubber Product - Rubber Components Sheets	Compressibility under Load	IND/ME/645 (a) Appendix A
460	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Sponge Rubber - Product Rubber Components, Rubber Sheets	Apparent density	IND/ME/943 Appendix B
461	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Sponge Rubber Product - Rubber Components Sheets	Compression set	ASTM D 395
462	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Sponge Rubber Product - Rubber Components Sheets	Compression Set	IS 3400 Part 10 Sec 1
463	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Sponge rubber Product – Rubber Components Sheets	Apparent density	IND/ME/645(a) Appendix A
464	MECHANICAL- TEXTILE MATERIALS	Fabric (Woven and Non woven)	Dimensional Change after Soaking in water	IS 2977
465	MECHANICAL- TEXTILE MATERIALS	Fabric (Woven & Non woven)	Breaking strength, Weft	IS 1969 - Part 1
466	MECHANICAL- TEXTILE MATERIALS	Fabric (Woven & Non Woven)	Elongation , Percent - Weft	IS 1969-part 1
467	MECHANICAL- TEXTILE MATERIALS	Fabric (Woven & Non woven)	Elongation , Warp	IS 1969-part 1
468	MECHANICAL- TEXTILE MATERIALS	Fabric (Woven & Non Woven)	GSM or Mass per unit area	IS 1964
469	MECHANICAL- TEXTILE MATERIALS	Fabric (Woven & Non Woven)	Tear Strength , Warp	IS 6489 Part 2
470	MECHANICAL- TEXTILE MATERIALS	Fabric (Woven & Non Woven)	Threads per unit , Warp	IS 1963
471	MECHANICAL- TEXTILE MATERIALS	Fabric (Woven & Non Woven)	Threads per unit , Weft	IS 1963
472	MECHANICAL- TEXTILE MATERIALS	Fabric (Woven and Non Woven)	Tear Strength - Weft	IS 6489 Part 2
473	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and Non Woven)	Breaking strength, -Warp	IS 1969 - Part 1
474	MECHANICAL- WOOD AND WOOD PRODUCTS	Plyboard	ADHESION OF PLIES	IS 1734 Part 5
475	MECHANICAL- WOOD AND WOOD PRODUCTS	Plyboard	Compressive strength	IS 1734 Part 10

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476	MECHANICAL- WOOD AND WOOD PRODUCTS	Plyboard	Density	IS 1734 Part 1
477	MECHANICAL- WOOD AND WOOD PRODUCTS	Plyboard	Glue Shear strength	IS 1734 Part 4
478	MECHANICAL- WOOD AND WOOD PRODUCTS	Plyboard	Moisture content	IS 1734 Part 1
479	MECHANICAL- WOOD AND WOOD PRODUCTS	Plyboard	Mycological Test	IS 1734 Part 7
480	MECHANICAL- WOOD AND WOOD PRODUCTS	Plyboard	Resistance to dry heat	IS 1734 Part 2
481	MECHANICAL- WOOD AND WOOD PRODUCTS	Plyboard	Static Bending strength (Modulus of rupture)	IS 1734 Part 11
482	MECHANICAL- WOOD AND WOOD PRODUCTS	Plyboard	Tensile Strength	IS 1734 Part 9
483	MECHANICAL- WOOD AND WOOD PRODUCTS	Plyboard	Water Resistance	IS 1734 Part 6