National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 1 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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	Polymer based adhesive (Synthetic)	Acidity (as HCl)	IS 7437
2	CHEMICAL- ADHESIVES	Polymer based adhesive (Synthetic)	Ash Content	IS 4835
3	CHEMICAL- ADHESIVES	Polymer based adhesive (Synthetic)	Ash Content	IS 7437
4	CHEMICAL- ADHESIVES	Polymer based adhesive (Synthetic)	Mass per litre (Bulk density)	IND/ME/788 (C)
5	CHEMICAL- ADHESIVES	Polymer based adhesive (Synthetic)	Mass per litre (Bulk density)	IS 4935
6	CHEMICAL- ADHESIVES	Polymer based adhesive (Synthetic)	pH of water extract	IS 4935
7	CHEMICAL- ADHESIVES	Polymer based adhesive (Synthetic)	pH of water extract	IS 7437
8	CHEMICAL- ADHESIVES	Polymer based adhesive (Synthetic)	Strength of Adhesion	IND/ME/788 (C)
9	CHEMICAL- ADHESIVES	Polymer based adhesive (Synthetic)	Strength of Adhesion	IS 4835
10	CHEMICAL- ADHESIVES	Polymer based adhesive (Synthetic)	Total Solids	IS 4935
11	CHEMICAL- ADHESIVES	Polymer based adhesive (Synthetic)	Total Solids	IS 7437
12	CHEMICAL- ADHESIVES	Polymer based adhesive (Synthetic)	Volatile matter	IS 7437
13	CHEMICAL- ADHESIVES	Polymer based adhesive (Synthetic)	Water Soluble Chlorides	IND/ME/788 (C)
14	CHEMICAL- ADHESIVES	Polymer based adhesive (Synthetic)	Water Soluble Chlorides	IS 7437
15	CHEMICAL- ADHESIVES	Polymer based adhesive (Synthetic)	Water Soluble matter	IS 7437
16	CHEMICAL- ADHESIVES	Polymer based adhesive (Synthetic)	Water Soluble Sulphates	IND/ME/788 (C)
17	CHEMICAL- ADHESIVES	Polymer based adhesive (Synthetic)	Water Soluble Sulphates	IS 7437
18	CHEMICAL- BUILDING MATERIAL	Aggregates	Chlorides (as Cl)	IS 4032
19	CHEMICAL- BUILDING MATERIAL	Aggregates	Sulphates (as SO3)	IS 4032
20	CHEMICAL- BUILDING MATERIAL	Concrete & Cement mortar	Chlorides (as Cl)	IS 4032
21	CHEMICAL- BUILDING MATERIAL	Concrete & Cement mortar	Sulphates (as SO3)	IS 4032
22	CHEMICAL- BUILDING MATERIAL	Concrete Admixture	Ash Content	IS 9103
23	CHEMICAL- BUILDING MATERIAL	Concrete Admixture	Chlorides (as Cl)	IS 6925
24	CHEMICAL- BUILDING MATERIAL	Concrete Admixture	Dry Material Content	IS 9103
25	CHEMICAL- BUILDING MATERIAL	Concrete Admixture	pH	IS 9103

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 2 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
26	CHEMICAL- BUILDING MATERIAL	Concrete Admixture	Relative Density	IS 9103
27	CHEMICAL- BUILDING MATERIAL	Fly Ash	Alumina (as Al2O3)	IS 1727
28	CHEMICAL- BUILDING MATERIAL	Fly Ash	Calcium oxide (as CaO)	IS 1727
29	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chlorides (as Cl)	IS 4032
30	CHEMICAL- BUILDING MATERIAL	Fly Ash	Iron oxide (as Fe2O3)	IS 1727
31	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss on Ignition	IS 1727
32	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesia (as MgO)	IS 1727
33	CHEMICAL- BUILDING MATERIAL	Fly Ash	Potassium oxide (as K2O)	IS 4032
34	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica (as SiO2)	IS 1727
35	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sodium oxide (as Na2O)	IS 4032
36	CHEMICAL- BUILDING MATERIAL	Fly Ash	Total Sulphur (as SO3)	IS 1727
37	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Alumina (as Al2O3)	IS 4032
38	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Calcium oxide (as CaO)	IS 4032
39	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Chlorides (as Cl)	IS 4032
40	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Insoluble Residue	IS 4032
41	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Iron oxide (as Fe2O3)	IS 4032
42	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Loss On Ignition	IS 4032
43	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Magnesia (as MgO)	IS 4032
44	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Potassium Oxide (as K2O)	IS 4032

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 3 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
45	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Silica (as SiO2)	IS 4032
46	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Sodium oxide (as Na2O)	IS 4032
47	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Sulphuric Anhydride (as SO3)	IS 4032
48	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Alumina (as Al2O3)	IS 4032
49	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Calcium Oxide (as CaO)	IS 4032
50	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Chlorides (as Cl)	IS 4032
51	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Insoluble Residue	IS 4032
52	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Iron oxide (as Fe2O3)	IS 4032
53	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Loss On Ignition	IS 4032
54	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Magnesia (as MgO)	IS 4032
55	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Potassium oxide (as K2O)	IS 4032
56	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Silica (as SiO2)	IS 4032
57	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Sodium oxide (as Na2O)	IS 4032
58	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Sulphuric Anhydride (as SO3)	IS 4032
59	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Alumina (as Al2O3)	IS 4032
60	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Calcium oxide (as CaO)	IS 4032
61	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Chlorides (as Cl)	IS 4032
62	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Insoluble Resudue	IS 4032
63	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Iron oxide (as Fe2O3)	IS 4032

SCOPE OF ACCREDITATION

Laboratory Name :	MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7008	**Page No**	4 of 48
Validity	22/08/2021 to 21/08/2023	**Last Amended on**	05/10/2021

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
64	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Loss On Ignition	IS 4032
65	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Magnesia (as MgO)	IS 4032
66	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Potassium oxide (as K2O)	IS 4032
67	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Silica (as SiO2)	IS 4032
68	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Sodium oxide (as Na2O)	IS 4032
69	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Sulphides (as S)	IS 4032
70	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Sulphuric Anhydride (as SO3)	IS 4032`
71	CHEMICAL- BUILDING MATERIAL	Silica Fume	Loss on Ignition	IS 1727
72	CHEMICAL- BUILDING MATERIAL	Silica Fume	Moisture	IS 15388
73	CHEMICAL- BUILDING MATERIAL	Silica Fume	Potassium oxide (as K2O)	IS 4032
74	CHEMICAL- BUILDING MATERIAL	Silica Fume	Silica (as SiO2)	IS 1727
75	CHEMICAL- BUILDING MATERIAL	Silica Fume	Sodium oxide (as Na2O)	IS 4032
76	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metallic products	Cadmium (as Cd)	IEC 62321-5
77	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metallic products	Cadmium (as Cd)	IS 16197 (Part 5)
78	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metallic products	Hexavalent Chromium (as Cr+6)	IEC 62321-7-1
79	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metallic products	Hexavalent Chromium (as Cr+6)	IS 16197 (Part 7/Sec 1)
80	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metallic products	Hexavalent Chromium (as Cr+6)	IS 8602
81	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metallic products	Lead (as Pb)	ASTM E 1613
82	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metallic products	Lead (as Pb)	IEC 62321-5

SCOPE OF ACCREDITATION

Laboratory Name :	MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7008	**Page No**	5 of 48
Validity	22/08/2021 to 21/08/2023	**Last Amended on**	05/10/2021

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
83	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metallic products	Lead (as Pb)	IS 12074
84	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metallic products	Lead (as Pb)	IS 16197 (Part 5)
85	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metallic products	Mercury (as Hg)	IEC 62321-4
86	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metallic products	Mercury (as Hg)	IS 16197 (Part 4)
87	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Paints & surface coatings	Lead (as Pb)	ASTM E 1645
88	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymeric products & Electronics	Cadmium (as Cd)	IEC 62321-5
89	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymeric products & Electronics	Cadmium (as Cd)	IS 16197 (Part 5)
90	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymeric products & Electronics	Chromium	IEC 62321-5
91	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymeric products & Electronics	Chromium	IEC 62321-7-1
92	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymeric products & Electronics	Chromium	IS 16197 (Part 5)
93	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymeric products & Electronics	Hexavalent Chromium (as Cr+6)	IEC 62321-7-1
94	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymeric products & Electronics	Hexavalent Chromium (as Cr+6)	IS 16197 (Part 7/ Sec 1)
95	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymeric products & Electronics	Lead (as Pb)	IEC 62321-5
96	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymeric products & Electronics	Lead (as Pb)	IS 16197 (Part 5)
97	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymeric products & Electronics	Mercury (as Hg)	IEC 62321-4
98	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymeric products & Electronics	Mercury (as Hg)	IS 16197 (Part 4)
99	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymeric, Glass, Ceramic, Textile & metallic materials	Migration of Certain elements (Arsenic)	IS 9873 (Part 3)
100	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymeric, Glass, Ceramic, Textile & metallic materials	Migration of Certain elements (Cadmium)	IS 9873 (Part 3)
101	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymeric, Glass, Ceramic, Textile & metallic materials	Migration of Certain elements (Chromium)	IS 9873 (Part 3)

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 6 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
102	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymeric, Glass, Ceramic, Textile & metallic materials	Migration of Certain elements (Lead)	IS 9873 (Part 3)
103	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Polymeric, Glass, Ceramic, Textile & metallic materials	Migration of Certain elements (Mercury)	IS 9873 (Part 3)
104	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Fasteners (Nut / Bolt / Washer)	Mass of Zinc coating	IS 1367 (Part 13)
105	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Fasteners (Nut / Bolt / Washer)	Thickness of Zinc coating	IS 1367 (Part 13)
106	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic coatings / Metallic products	Chromate Conversion coating	IS 8602
107	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic coatings / Metallic products	Corrosion Resistance test	IS 1359
108	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic coatings / Metallic products	Corrosion Resistance test (CASS)	ASTM B 368
109	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic coatings / Metallic products	Corrosion Resistance test (CASS)	IS 5528
110	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic coatings / Metallic products	Corrosion Resistance test (Salt Spray test)	ASTM B 117
111	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic coatings / Metallic products	Corrosion Resistance test (Salt Spray test)	IS 9844
112	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic coatings / Metallic products	Corrosion Resistance test (Salt Spray test)	ISO 9226
113	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic coatings / Metallic Products	Humidity test	IS 101 (Part 3/ Sec 1)
114	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic coatings / Metallic Products	Nickel plating thickness	IS 3203
115	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic coatings / Metallic Products	Silver plating thickness	IS 3203

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 7 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
116	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic coatings / Metallic products	Test for Presence of Chromate film	IS 1573
117	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic coatings / Metallic products	Test for the presence of Hexavalent Chromium	IS 8602
118	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Products	Adhesion of Zinc coating	IS 2629
119	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic products	Anodic coating	IS 5523
120	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic products	Anodic coating	IS 6012
121	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic products	Chromium plating thickness	IS 3203
122	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Products	Mass of Phosphate coating	IS 14503
123	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic products	Mass of Zinc coating	IS 6745
124	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic products	Quenching test for Adhesion	IS 1068
125	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic products	Quenching test for Adhesion	IS 1359
126	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic products	Thickness of Zinc coating	IS 1573
127	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic products	Tin coating	IS 1359
128	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic products	Uniformity of Zinc coating	IS 2633
129	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Chromium	IS 504 (Part 8)

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 8 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
130	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Copper	IS 504 (Part 3)
131	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Iron	IS 504 (Part 2)
132	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Lead	IS 12074
133	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Lead	IS 504 (Part 1)
134	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Magnesium	ASTM E 34
135	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Manganese	IS 504 (Part 5)
136	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Nickel	IS 504 (Part 7)
137	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Silicon	IS 504 (Part 1)
138	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Tin	IS 504 (Part 9)
139	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Titanium	IS 504 (Part 11)
140	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Vanadium	IS 504 (Part 12)
141	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Zinc	ASTM E 34
142	CHEMICAL- METALS & ALLOYS	Aluminium & Its alloys	Zinc	IS 504 (Part 4)
143	CHEMICAL- METALS & ALLOYS	Aluminium& Its alloys	Magnesium	IS 504 (Part 6)
144	CHEMICAL- METALS & ALLOYS	Antifriction bearing alloys	Antimony	IS 1409
145	CHEMICAL- METALS & ALLOYS	Antifriction bearing alloys	Iron	IS 1409
146	CHEMICAL- METALS & ALLOYS	Antifriction bearing alloys	Lead	IS 1409
147	CHEMICAL- METALS & ALLOYS	Antifriction bearing alloys	Tin	IS 1409
148	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 12308 (Part 11))

SCOPE OF ACCREDITATION

Laboratory Name :	MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7008	**Page No**	9 of 48
Validity	22/08/2021 to 21/08/2023	**Last Amended on**	05/10/2021

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
149	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	IS 12308 (Part 12)
150	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	IS 12308 (Part 10)
151	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	IS 12308 (Part 5)
152	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 12308 (Part 6)
153	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	IS 12308 (Part 2)
154	CHEMICAL- METALS & ALLOYS	Copper Alloys	Aluminium	IS 3685
155	CHEMICAL- METALS & ALLOYS	Copper Alloys	Aluminium	IS 4027 (Part 9)
156	CHEMICAL- METALS & ALLOYS	Copper Alloys	Copper	IS 3685
157	CHEMICAL- METALS & ALLOYS	Copper Alloys	Copper	IS 4027 (Part 1)
158	CHEMICAL- METALS & ALLOYS	Copper Alloys	Copper	IS 440
159	CHEMICAL- METALS & ALLOYS	Copper Alloys	Iron	IS 3685
160	CHEMICAL- METALS & ALLOYS	Copper Alloys	Iron	IS 4027 (Part 8)
161	CHEMICAL- METALS & ALLOYS	Copper Alloys	Iron	IS 440
162	CHEMICAL- METALS & ALLOYS	Copper Alloys	Lead	ASTM E 478
163	CHEMICAL- METALS & ALLOYS	Copper Alloys	Lead	IS 3685
164	CHEMICAL- METALS & ALLOYS	Copper Alloys	Lead	IS 4027 (Part 1)
165	CHEMICAL- METALS & ALLOYS	Copper Alloys	Manganese	IS 3685
166	CHEMICAL- METALS & ALLOYS	Copper Alloys	Manganese	IS 4027 (Part 2)
167	CHEMICAL- METALS & ALLOYS	Copper Alloys	Nickel	IS 3685

SCOPE OF ACCREDITATION

Laboratory Name :	MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7008	**Page No**	10 of 48
Validity	22/08/2021 to 21/08/2023	**Last Amended on**	05/10/2021

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
168	CHEMICAL- METALS & ALLOYS	Copper Alloys	Nickel	IS 4027 (Part 4)
169	CHEMICAL- METALS & ALLOYS	Copper Alloys	Nickel	IS 440
170	CHEMICAL- METALS & ALLOYS	Copper Alloys	Phosphorus	IS 3685
171	CHEMICAL- METALS & ALLOYS	Copper Alloys	Phosphorus	IS 4027 (Part 3)
172	CHEMICAL- METALS & ALLOYS	Copper Alloys	Phosphorus	IS 440
173	CHEMICAL- METALS & ALLOYS	Copper Alloys	Silicon	IS 3685
174	CHEMICAL- METALS & ALLOYS	Copper Alloys	Silicon	IS 4027 (Part 10)
175	CHEMICAL- METALS & ALLOYS	Copper Alloys	Tin	IS 3685
176	CHEMICAL- METALS & ALLOYS	Copper Alloys	Tin	IS 4027 (Part 5)
177	CHEMICAL- METALS & ALLOYS	Copper Alloys	Tin	IS 440
178	CHEMICAL- METALS & ALLOYS	Copper Alloys	Zinc	ASTM E 478
179	CHEMICAL- METALS & ALLOYS	Copper Alloys	Zinc	IS 3685
180	CHEMICAL- METALS & ALLOYS	Copper Alloys	Zinc	IS 4027 (Part 6)
181	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Aluminium	ASTM E 350 Clause 308
182	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Boron	ASTM E 350 Clause 208
183	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Carbon	IS 228 (Part 1)
184	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Chromium	ASTM E 350 Clause 220
185	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Chromium	IS 228 (Part 6)
186	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Copper	ASTM E 350 Clause 279

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 11 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
187	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Lead	IS 12074
188	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Manganese	ASTM E 350 Clause 269
189	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Manganese	IS 228 (Part 2)
190	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Molybdenum	IS 228 (Part 10)
191	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Nickel	ASTM E 350 Clause 318
192	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Nickel	IS 228 (Part 5)
193	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Niobium	ISO 9441
194	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Nitrogen	IS 228 (Part 19)
195	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Phosphorus	IS 228 (Part 3)
196	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Silicon	IS 228 (Part 8)
197	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Sulphur	IS 228 (Part 9)
198	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Titanium	ASTM E 350 Clause 258
199	CHEMICAL- METALS & ALLOYS	Low Alloy Steel Products	Vanadium	ASTM E 350 Clause 239
200	CHEMICAL- METALS & ALLOYS	Stainless Steel products	Aluminium	ASTM E 353 Clause 119
201	CHEMICAL- METALS & ALLOYS	Stainless Steel products	Aluminium	ASTM E 353 Clause 71
202	CHEMICAL- METALS & ALLOYS	Stainless Steel products	Carbon	IS 228 (Part 1)
203	CHEMICAL- METALS & ALLOYS	Stainless Steel products	Chromium	ASTM E 353 Clause 202
204	CHEMICAL- METALS & ALLOYS	Stainless Steel products	Chromium	IS 228 (Part 6)
205	CHEMICAL- METALS & ALLOYS	Stainless Steel products	Copper	IS 228 (Part 15)

SCOPE OF ACCREDITATION

Laboratory Name :	MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7008	**Page No**	12 of 48
Validity	22/08/2021 to 21/08/2023	**Last Amended on**	05/10/2021

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
206	CHEMICAL- METALS & ALLOYS	Stainless Steel products	Manganese	ASTM E 353 Clause 9
207	CHEMICAL- METALS & ALLOYS	Stainless Steel products	Molybdenum	IS 228 (Part 10)
208	CHEMICAL- METALS & ALLOYS	Stainless Steel products	Molybdenum	IS 228 (Part 7)
209	CHEMICAL- METALS & ALLOYS	Stainless Steel products	Nickel	ASTM E 353 Clause 172
210	CHEMICAL- METALS & ALLOYS	Stainless Steel products	Nickel	IS 228 (Part 5)
211	CHEMICAL- METALS & ALLOYS	Stainless Steel products	Niobium	ISO 9411
212	CHEMICAL- METALS & ALLOYS	Stainless Steel products	Nitrogen	IS 228 (Part 19)
213	CHEMICAL- METALS & ALLOYS	Stainless Steel products	Phosphous	IS 228 (Part 3)
214	CHEMICAL- METALS & ALLOYS	Stainless Steel products	Silicon	IS 228 (Part 8)
215	CHEMICAL- METALS & ALLOYS	Stainless Steel products	Sulphur	IS 228 (Part 9)
216	CHEMICAL- METALS & ALLOYS	Stainless Steel products	Titanium	ASTM E 353 Clause 231
217	CHEMICAL- METALS & ALLOYS	Stainless Steel products	Vanadium	ASTM E 353 Clause 221
218	CHEMICAL- METALS & ALLOYS	Steel & its products	Aluminium	ASTM E 350 Clause 308
219	CHEMICAL- METALS & ALLOYS	Steel & its products	Boron	ASTM E 350 Clause 208
220	CHEMICAL- METALS & ALLOYS	Steel & its products	Carbon	IS 228 (Part 1)
221	CHEMICAL- METALS & ALLOYS	Steel & its products	Chromium	ASTM E 350 Clause 220
222	CHEMICAL- METALS & ALLOYS	Steel & its products	Chromium	IS 228 (Part 6)
223	CHEMICAL- METALS & ALLOYS	Steel & its products	Copper	ASTM E 350 Clause 279
224	CHEMICAL- METALS & ALLOYS	Steel & its products	Lead	IS 12074

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 13 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
225	CHEMICAL- METALS & ALLOYS	Steel & its products	Manganese	ASTM E 350 Clause 269
226	CHEMICAL- METALS & ALLOYS	Steel & its products	Manganese	IS 228 (Part 2)
227	CHEMICAL- METALS & ALLOYS	Steel & its products	Molybdenum	IS 228 (Part 10))
228	CHEMICAL- METALS & ALLOYS	Steel & its products	Nickel	ASTM E 350 Clause 318
229	CHEMICAL- METALS & ALLOYS	Steel & its products	Nickel	IS 228 (Part 5)
230	CHEMICAL- METALS & ALLOYS	Steel & its products	Niobium	ISO 9441
231	CHEMICAL- METALS & ALLOYS	Steel & its products	Nitrogen	IS 228 (Part 19)
232	CHEMICAL- METALS & ALLOYS	Steel & its products	Phosphorus	IS 228 (Part 3)
233	CHEMICAL- METALS & ALLOYS	Steel & its products	Silicon	IS 228 (Part 8)
234	CHEMICAL- METALS & ALLOYS	Steel & its products	Sulphur	IS 228 (Part 9)
235	CHEMICAL- METALS & ALLOYS	Steel & its products	Titanium	ASTM E 350 Clause 258
236	CHEMICAL- METALS & ALLOYS	Steel & its products	Vanadium	ASTM E 350 Clause 239
237	CHEMICAL- METALS & ALLOYS	Tin and its alloys	Antimony	IS 998 (Part 1)
238	CHEMICAL- METALS & ALLOYS	Tin and its alloys	Arsenic	IS 998 (Part 2)
239	CHEMICAL- METALS & ALLOYS	Tin and its alloys	Copper	IS 964
240	CHEMICAL- METALS & ALLOYS	Tin and its alloys	Copper	IS 998 Part 2)
241	CHEMICAL- METALS & ALLOYS	Tin and its alloys	Iron	IS 998 (Part 2)
242	CHEMICAL- METALS & ALLOYS	Tin and its alloys	Silver	IS 964
243	CHEMICAL- METALS & ALLOYS	Tin and its alloys	Tin	IS 998 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 14 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
244	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Aluminium	ASTM E 536
245	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Cadmium	ASTM E 536
246	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Cadmium	IS 2600 (Part 2)
247	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Chromium	IS 2600 (Part 4)
248	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Copper	ASTM E 536
249	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Copper	IS 2600 (Part 2)
250	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Iron	ASTM E 536
251	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Iron	IS 2600 (Part 2)
252	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Lead	ASTM E 536
253	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Lead	IS 2600 (Part 2)
254	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Magnesium	ASTM E 536
255	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Nickel	IS 2600 (Part 1)
256	CHEMICAL- METALS & ALLOYS	Zinc Alloys	Tin	IS 2600 (Part 1)
257	CHEMICAL- PAINTS & SURFACE COATING	Aluminium paint	Consistency	IS 2339
258	CHEMICAL- PAINTS & SURFACE COATING	Enamel (Synthetic)	Accelerated Storage Stability (Change in gloss at 60 degree)	IS 8662
259	CHEMICAL- PAINTS & SURFACE COATING	Enamel (Synthetic)	Accelerated Storage Stability (Change in viscosity)	IS 8662
260	CHEMICAL- PAINTS & SURFACE COATING	Enamel synthetic	Accelerated Storage Stability (Change in gloss at 60 degree)	IS 2932 (Part 1)
261	CHEMICAL- PAINTS & SURFACE COATING	Enamel synthetic	Accelerated Storage Stability (Change in viscosity)	IS 2932 (Part 1)
262	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Aluminium as Al	IS 6947 (Part 2)

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 15 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
263	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Ash content	IS 101 (Part 8/Sec 3)
264	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Calcium as CaCO3	IS 63
265	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Calcium compound as CaCO3	IS 6947 (Part 1)
266	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Chromium oxide as CrO3	IS 104
267	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Chromium oxide as CrO3	IS 2074 (Part 1)
268	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Chromium oxide as CrO3	IS 6947 (Part 2)
269	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Consistency	IS 101 (Part 1/Sec 5)
270	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Dry film thickness	IS 101 (Part 3/Sec 2)
271	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Drying time (Hard dry)	IS 101 (Part 3/Sec 1)
272	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Drying time (Surface dry)	IS 101 (Part 3/Sec 1)
273	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Drying time (tack free)	IS 101 (Part 3/Sec 1)
274	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Fineness of grind	IS 101 (Part 3/Sec 5)
275	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Finish / Stripping test	IS 101 (Part 3/Sec 4)
276	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Flash point	IS 101 (Part 1/Sec 6)
277	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Flexibility & adhesion test (Bend test)	IS 101 (Part 5/Sec 2)
278	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Flexibility & adhesion test (Scratch hardness)	IS 101 (Part 5/Sec 2)
279	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Flexibility& adhesion test (Cupping test)	IS 101 (Part 5/Sec 2)
280	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Gloss at 60 degree	IS 101 (Part 4/Sec 4)
281	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Humidity resistance test	IS 101 (Part 6/Sec 1)

SCOPE OF ACCREDITATION

Laboratory Name :	MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7008	**Page No**	16 of 48
Validity	22/08/2021 to 21/08/2023	**Last Amended on**	05/10/2021

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
282	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Iron oxide as Fe2O3	IS 6947 (Part 2)
283	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Lead as PbO	IS 101 (Part 8/Sec 5)
284	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Mass per 10 litre	IS 101 (Part 1.Sec 7)
285	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Neutral salt spray test	IS 101 (Part 6/Sec 1)
286	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Non volatile matter	IS 101 (Part 8/Sec 2)
287	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	pH of water extract	IS 101 (Part 1/Sec 8)
288	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	pH of water extract	JSS 8010-42
289	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Pigment content	IS 101 (Part 8/Sec 2)
290	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Residue on 63 microns IS sieve	IS 101 (Part 8/Sec 1)
291	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Resistance to acid	IS 2932 (Part 1)
292	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Resistance to acid	IS 8662
293	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Resistance to alkali	IS 2932 (Part 2)
294	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Resistance to alkali	IS 8662
295	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Resistance to salt spray	IS 104
296	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Resistance to seawater	IS 2074 (Part 1)
297	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Resistance to water	IS 101 (Part 7/Sec 1)
298	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Viscosity (Ford cup No -4)	IS 101 (Part 1/Sec 5)
299	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Volatile matter	IS 101 (Part 2/Sec 2)
300	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Volatile organic compound	IS 101 (Part 2/Sec 3)

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 17 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
301	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Volume solids	IS 101 (Part 8/Sec 6)
302	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Volume solids	IS 2074 (Part 1)
303	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Water content	IS 101 (Part 2/Sec 1)
304	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Water-soluble chlorides as NaCl	JSS 8010-28
305	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Wet opacity	IS 101 (Part 4/Sec 1)
306	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Zinc oxide as ZnO	IS 104
307	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Zinc oxide as ZnO	IS 2074 (Part 1)
308	CHEMICAL- PAINTS & SURFACE COATING	Paints & enamels	Zinc oxide as ZnO	IS 6947 (Part 2)
309	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Adhesion test (Reverse Impact test)	IS 15965
310	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Adhesion test (T Bend adhesion test)	IS 15965
311	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Artificial Seawater Salt Spray test	IS 101 (Part 6/Sec 1)
312	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Coating adhesion test	IS 15961
313	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Coating weight	IS 15961
314	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Cross cut adhesion test	IS 14246
315	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Cross cut adhesion test (Scratch hardness)	IS 101 (Part 5/Sec 2)
316	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Dry film thickness	IS 101 (Part 3/Sec 2)
317	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Durability (Humidity under condition of condensation)- Resistance to Humidity	IS 101 (Part 6/Sec 1)
318	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Impact Resistance test	IS 101 (Part 5/Sec 3)

SCOPE OF ACCREDITATION

Laboratory Name :	MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7008	**Page No**	18 of 48
Validity	22/08/2021 to 21/08/2023	**Last Amended on**	05/10/2021

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
319	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Impact Resistance test	IS 14246
320	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Neutral Salt Spray test	IS 101(Part 6/Sec 1)
321	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Pencil Hardness	IS 101 (Part 5/Sec 1)
322	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Pencil Hardness	IS 14246
323	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Resistance to Acid	IS 13871
324	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Resistance to acid	IS 2932 (Part 1)
325	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Resistance to acid	IS 8662
326	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Resistance to alkali	IS 13871
327	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Resistance to alkali	IS 2932 (Part 1)
328	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Resistance to alkali	IS 8662
329	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Resistance to bleeding	IS 101 (Part 7/Sec 4)
330	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Resistance to detergent	IS 13871
331	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Resistance to heat	IS 101 (Part 7/Sec 3)
332	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Resistance to liquid (Petroleum hydrocarbon / Lubricating Oil / Water)	IS 101 (Part 7/Sec 2)
333	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Resistance to liquid (Petroleum hydrocarbon / Lubricating Oil / Water)	IS 168
334	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Resistance to liquid (Petroleum hydrocarbon / Lubricating Oil) / Water	IS 138
335	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Resistance to water	IS 101 (Part 7/Sec 1)
336	CHEMICAL- PAINTS & SURFACE COATING	Powder coated & painted products	Solvent Resistance test	IS 15965

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 19 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
337	CHEMICAL- PAINTS & SURFACE COATING	Ready mixed paint , Air drying	Accelerated storage stability - Change in Gloss at 60 degree	IS 168
338	CHEMICAL- PAINTS & SURFACE COATING	Ready-mixed paint	Accelerated Storage Stability (Change in gloss at 60 degree)	IS 138
339	CHEMICAL- PAINTS & SURFACE COATING	Ready-mixed paint	Accelerated Storage Stability (Change in gloss at 60 degree)	IS 2074 (Part 1)
340	CHEMICAL- PAINTS & SURFACE COATING	Ready-mixed paint	Accelerated Storage Stability (Change in viscosity)	IS 138
341	CHEMICAL- PAINTS & SURFACE COATING	Ready-mixed paint	Accelerated Storage Stability (Change in viscosity)	IS 2074 (Part 1)
342	CHEMICAL- PAINTS & SURFACE COATING	Ready-mixed paint	Consistency	IS 138
343	CHEMICAL- PAINTS & SURFACE COATING	Ready-mixed paint	Consistency	IS 164
344	CHEMICAL- PAINTS & SURFACE COATING	Ready-mixed paint	Consistency	IS 168
345	CHEMICAL- PAINTS & SURFACE COATING	Ready-mixed paint	Consistency	IS 2074 (Part 1)
346	CHEMICAL- PAINTS & SURFACE COATING	Ready-mixed paint	Resistance to salt spray	IS 2074 (Part 1)
347	CHEMICAL- PAINTS & SURFACE COATING	Ready-mixed paint, Air drying	Accelerated Storage Stability (Change in viscosity)	IS 168
348	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Acid value	IS 101 (Part 9/Sec 1)
349	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Adhesion and Finish	JSS 8010-63
350	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Ash content	IS 101 (Part 8/Sec 3)
351	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Ash content	JSS 8010-63
352	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Coarse particle & finish	JSS 8030-14
353	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Confirmation of Shellac	JSS 8010-63
354	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Confirmation of Shellac	JSS 8030-14
355	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Consistency	IS 101 (Part 1/Sec 5)

SCOPE OF ACCREDITATION

Laboratory Name :	MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7008	**Page No**	20 of 48
Validity	22/08/2021 to 21/08/2023	**Last Amended on**	05/10/2021

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
356	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Drying time (Hard dry)	IS 101 (Part 3/Sec 1)
357	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Drying time (Surface dry)	IS 101 (Part 3/Sec 1)
358	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Drying time (tack free)	IS 101 (Part 3/Sec 1)
359	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Ferric oxide as Fe2O3	IS 6947 (Part 2)
360	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Ferrous Iron as FeO	JSS 8030-14
361	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Finish (Stripping test)	IS 101 (Part 3/Sec 4)
362	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Flash Point	IS 101 (Part 1 / Sec 6)
363	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Flexibility & adhesion test (Bend test)	IS 101 (Part 5/Sec 2)
364	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Flexibility & adhesion test (Scratch Hardness)	IS 101 (Part 5/Sec 2)
365	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Iodine value	IS 6921
366	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Iodine value	JSS 8010-63
367	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Non -volatile matter	JSS 8010-63
368	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	pH of water extract	IS:101 (Part 1/Sec 8)
369	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	pH of water extract	JSS 8010-42
370	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Red oxide of Iron	JSS 8030-14
371	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Resistance to acid	IS 524
372	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Resistance to alkali	IS 524
373	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Resistance to water	IS 101 (Part 7/Sec 1)
374	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Resistance to water	IS 524

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 21 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
375	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Volatile matter	IS 101 (Part 2 / Sec 2)
376	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Volatile matter	JSS 8030-14
377	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Water content	IS 101 (Part 2/Sec 1)
378	CHEMICAL- PAINTS & SURFACE COATING	Varnishes	Water-soluble chlorides as NaCl	JSS 8010-28
379	CHEMICAL- PAPER AND PULP	Computer paper/ Kraft papaer /Copier Paper / Writing paper / Packing paper / Wrapping paper / Printing paper / Laminated paper	Ash Content	IS 1060 (Part 1)
380	CHEMICAL- PAPER AND PULP	Computer paper/ Kraft papaer /Copier Paper / Writing paper / Packing paper / Wrapping paper / Printing paper / Laminated paper	Benzene Soluble matter	IS 1060 (Part 2)
381	CHEMICAL- PAPER AND PULP	Computer paper/ Kraft papaer /Copier Paper / Writing paper / Packing paper / Wrapping paper / Printing paper / Laminated paper	Ether Soluble matter	IS 1060 (Part 2)
382	CHEMICAL- PAPER AND PULP	Computer paper/ Kraft papaer /Copier Paper / Writing paper / Packing paper / Wrapping paper / Printing paper / Laminated paper	Fatty Acids (as oleic acid)	IS 1060 (Part 2)
383	CHEMICAL- PAPER AND PULP	Computer paper/ Kraft papaer /Copier Paper / Writing paper / Packing paper / Wrapping paper / Printing paper / Laminated paper	Moisture content	IS 1060 (Part - 1)
384	CHEMICAL- PAPER AND PULP	Computer paper/ Kraft papaer /Copier Paper / Writing paper / Packing paper / Wrapping paper / Printing paper / Laminated paper	pH of aqueous extract	IS 1060 (Part 1)
385	CHEMICAL- PAPER AND PULP	Computer paper/ Kraft papaer /Copier Paper / Writing paper / Packing paper / Wrapping paper / Printing paper / Laminated paper	Soluble lead compound (as Pb)	IS 1060 (Part 2)
386	CHEMICAL- PAPER AND PULP	Computer paper/ Kraft papaer /Copier Paper / Writing paper / Packing paper / Wrapping paper / Printing paper / Laminated paper	Total Alkalinity (as CaCO3)	IS 1060 (Part 3)
387	CHEMICAL- PAPER AND PULP	Computer paper/ Kraft papaer /Copier Paper / Writing paper / Packing paper / Wrapping paper / Printing paper / Laminated paper	Water Soluble Chlorides (as NaCl)	IS 1060 (Part 2)
388	CHEMICAL- PAPER AND PULP	Computer paper/ Kraft papaer /Copier Paper / Writing paper / Packing paper / Wrapping paper / Printing paper / Laminated paper	Water Soluble Sulphates (as Na2SO4)	IS 1060 (Part 2)
389	CHEMICAL- PAPER AND PULP	Kraft paper	Cadmium (as Cd)	IS 1397

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 22 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
390	CHEMICAL- PAPER AND PULP	Kraft paper	Hexavalent Chromium (as Cr+6)	IS 1397
391	CHEMICAL- PAPER AND PULP	Kraft paper	Lead (as Pb)	IS 1397
392	CHEMICAL- PAPER AND PULP	Kraft paper	Mercury (as Hg)	IS 1397
393	CHEMICAL- PAPER AND PULP	Packing / Wrapping paper	Cadmium (as Cd)	IS 6615
394	CHEMICAL- PAPER AND PULP	Packing / Wrapping paper	Hexavalent Chromium (as Cr+6)	IS 6615
395	CHEMICAL- PAPER AND PULP	Packing / Wrapping paper	Lead (as Pb)	IS 6615
396	CHEMICAL- PAPER AND PULP	Packing / Wrapping paper	Mercury (as Hg)	IS 6615
397	CHEMICAL- PAPER AND PULP	Paper Board / Corrugated Paper	Ash Content	IS 1060 (Part 1)
398	CHEMICAL- PAPER AND PULP	Paper Board / Corrugated Paper	Benzene Soluble matter	IS 1060 (Part 2)
399	CHEMICAL- PAPER AND PULP	Paper Board / Corrugated Paper	Ether Soluble matter	IS 1060 (Part 2)
400	CHEMICAL- PAPER AND PULP	Paper Board / Corrugated Paper	Moisture content	IS 1060 (Part 1)
401	CHEMICAL- PAPER AND PULP	Paper Board / Corrugated Paper	pH of aqueous extract	IS 1060 (Part 1)
402	CHEMICAL- PAPER AND PULP	Paper Board / Corrugated Paper	Soluble lead compound (as Pb)	IS 1060 (Part 2)
403	CHEMICAL- PAPER AND PULP	Paper Board / Corrugated Paper	Total Alkalinity (as CaCO3)	IS 1060 (Part 3)
404	CHEMICAL- PAPER AND PULP	Paper Board / Corrugated Paper	Total Fatty Acid (as Oleic acid)	IS 1060 (Part 2)
405	CHEMICAL- PAPER AND PULP	Paper Board / Corrugated Paper	Water Soluble Chlorides (as NaCl)	IS 1060 (Part 2)
406	CHEMICAL- PAPER AND PULP	Paper Board / Corrugated Paper	Water Soluble Sulphates (as Na2SO4)	IS 1060 (Part 2)
407	CHEMICAL- PLASTIC & RESINS	Nylon mono filaments	Density	IS 1843
408	CHEMICAL- PLASTIC & RESINS	Nylon monofilaments	Melting Point	IS 1843

SCOPE OF ACCREDITATION

Laboratory Name :	MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7008	**Page No**	23 of 48
Validity	22/08/2021 to 21/08/2023	**Last Amended on**	05/10/2021

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
409	CHEMICAL- PLASTIC & RESINS	Nylon monofilaments	Water absorption	IS 1843
410	CHEMICAL- PLASTIC & RESINS	Phenolic moulding materials	Binder content	IND/ME/951
411	CHEMICAL- PLASTIC & RESINS	Phenolic moulding materials	Density	IS 867
412	CHEMICAL- PLASTIC & RESINS	Phenolic moulding materials	Free ammonia	IS 867
413	CHEMICAL- PLASTIC & RESINS	Phenolic moulding materials	Free phenol	IS 867
414	CHEMICAL- PLASTIC & RESINS	Phenolic moulding materials	Matter extractable by organic solvents	IS 867
415	CHEMICAL- PLASTIC & RESINS	Phenolic moulding materials	Moisture & volatile matter	IND/ME/951
416	CHEMICAL- PLASTIC & RESINS	Phenolic moulding materials	pH of water extract	IND/ME/951
417	CHEMICAL- PLASTIC & RESINS	Phenolic moulding materials	Water absorption	IS 867
418	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Overall migration test (Amount of extractive)	IS 9845
419	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Overall migration test (Amount of extractive)	IS 9845
420	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Water absorprtion	ISO 62
421	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Water absorption	ASTM D 570
422	CHEMICAL- PLASTIC & RESINS	Plastic materials & products	Water absorption	IS 13360 (Par 8 / Sec 1)
423	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Acrylonitrile content	IS 8683
424	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Ash content	ASTM D 5630
425	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Ash content	IS 13360 (Part 8 / Sec 8)
426	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Ash content	ISO 3451 (Part 1)
427	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Density	ASTM D 792

SCOPE OF ACCREDITATION

Laboratory Name :	MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7008	**Page No**	24 of 48
Validity	22/08/2021 to 21/08/2023	**Last Amended on**	05/10/2021

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
428	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Density	IS 13360 (Part 3 / Sec 10))
429	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Density	IS 2530
430	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Density	ISO 1183 (Part 1)
431	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Glass content	IS 10661
432	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Glass content	IS0 1172
433	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Iodine value	JSS 1010
434	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Matter extractable by organic solvents	IS 13360 (Part 11 / Sec 7)
435	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Melting point	IS 13360 (Part 6 / Sec 10)
436	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Melting Point	ISO 3146
437	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	pH of water extract	IS 1060 (Part 1)
438	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	pH of water extract	IS 13360 (Part 8 / Sec 3)
439	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	pH of water extract	IS 2530
440	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Polymer Identification	ASTM E 1252
441	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Polymer Identification	ISO 4650
442	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Solubility in organic solvent	JSS 9330-01
443	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Solubility in organic solvent	JSS 9330-03
444	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Specific gravity	ASTM D 792
445	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Water content	ISO 15512
446	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Water soluble Chlorides	IS 2530

SCOPE OF ACCREDITATION

Laboratory Name :	MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7008	**Page No**	25 of 48
Validity	22/08/2021 to 21/08/2023	**Last Amended on**	05/10/2021

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
447	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Water soluble chlorides	JSS 9330-03
448	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Water soluble matter	IS 13360 (Part 8 / Sec 3)
449	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Water soluble matter	JSS 9330-03
450	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Water soluble sulphates	IS 2530
451	CHEMICAL- PLASTIC & RESINS	Plastic raw materials & products	Water soluble sulphates	JSS 9330-03
452	CHEMICAL- PLASTIC & RESINS	Plastics & Polymers	Effect of Immersion in liquid chemicals (Change in mass)	IS 13360 (Part 8/Sec 3)
453	CHEMICAL- RUBBER & RUBBER PRODUCTS	Carbon black for Rubbers	Ash content	IS 7498
454	CHEMICAL- RUBBER & RUBBER PRODUCTS	Carbon black for Rubbers	Moisture content (Loss on heating)	IS 7498
455	CHEMICAL- RUBBER & RUBBER PRODUCTS	Carbon black for Rubbers	Particle size distribution (Residue on IS sieve)	IS 7498
456	CHEMICAL- RUBBER & RUBBER PRODUCTS	Carbon black for Rubbers	pH of water extract	IS 7498
457	CHEMICAL- RUBBER & RUBBER PRODUCTS	Carbon black for Rubbers	Pour density (Bulk density)	IS 7498
458	CHEMICAL- RUBBER & RUBBER PRODUCTS	Carbon black for Rubbers	Relative density	IS 7498
459	CHEMICAL- RUBBER & RUBBER PRODUCTS	Carbon black for Rubbers	Solvent extractable matter (Organic Solvent extract)	IS 7498
460	CHEMICAL- RUBBER & RUBBER PRODUCTS	Carbon black for Rubbers	Sulphur content	IS 7498
461	CHEMICAL- RUBBER & RUBBER PRODUCTS	Carbon black for Rubbers	Volatile matter	IND/ME/944
462	CHEMICAL- RUBBER & RUBBER PRODUCTS	Carbon black for Rubbers	Water soluble chlorides	IND/ME/944
463	CHEMICAL- RUBBER & RUBBER PRODUCTS	Carbon black for Rubbers	Water soluble sulphates	IND/ME/944
464	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Acetone extract	ASTM D 297
465	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Acetone extract	IS 3400 (Part 22)

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 26 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
466	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Apparent density	IND/ME/645(a)
467	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Carbon black content	ASTM D 297
468	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Carbon black content	IS 3400 (Part 22)
469	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Chemical composition of filler	IS 3400 (Part 22)
470	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Chemical Composition of filler	ASTM D 297
471	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Density	ASTM D 297
472	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Density	IS 3400 (Part 9)
473	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Filler (Ash) content	ASTM D 297
474	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Filler (Ash) content	IS 3400 (Part 22)
475	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Free Sulphur	IS 3400 (Part 22)
476	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Free Sulphur	IS 5193
477	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	pH of water extract	IND/ME/645(a)
478	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	pH of water extract	IS 4253 (Part 2)
479	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	pH of water extract	IS 8391 (Part 1)
480	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Polymer Identification	ASTM D 297
481	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Polymer Identification	IS 3400 (Part 22)
482	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Polymer Identification	ISO 4650
483	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Rubber Polymer content	ASTM D 297
484	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Rubber Polymer content	IS 3400 (Part 22)

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 27 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
485	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Silicon content	ASTM D 297
486	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Total extract (Solvent extract)	ASTM D 297
487	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Total extract (solvent extract)	IS 3400 (Part 22)
488	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Total Sulphur	ASTM D 297
489	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Total Sulphur	IS 3400 (Part 22)
490	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Volume change (After immersion in organic solvent)	ASTM D 471
491	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Volume Change (After Immersion in organic solvent)	IS 3400 (Part 6)
492	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Water soluble chlorides	IS 8391 (Part 1)
493	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural & Synthetic Rubber products	Water soluble sulphates	IS 8391 (Part 1)
494	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Analysis of Mixture of Viscose Rayon , Cotton & Protein Fibre	pH of aqueous extract	IS 1390
495	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile material products	Analysis of Binary mixture of Polyester Fibre with Cotton	IS 3416
496	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile material products	Analysis of Mixture of Viscose Rayon , Cotton & Protein Fibre	IS 6504
497	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile products	Ash Content	IS 199
498	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile products	Chromium as Cr2O3	IS 4655
499	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile products	Copper (as Cu)	IS 3522 (Part 1)
500	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile products	Dimensional Change soaking in water (Relaxation shrinkage)	IS 2977
501	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile products	Fatty matter	IS 199
502	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile products	Heat Shrinkage	IS 13717
503	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile products	Iron as Fe2O3	IS 4655

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 28 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
504	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile products	Moisture content	IS 199
505	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile products	Para-nitrophenol	IS 3522 (Part 1)
506	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile products	Scoring loss	IS 1383
507	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile products	Solvent Soluble matter	IS 4390
508	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile products	Water Soluble Chlorides (as NaCl)	IS 4202
509	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile products	Water soluble matter	IS 3456
510	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Textile products	Water Soluble Sulphates (as Na2SO4)	IS 4203
511	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Wool Felt	Non Wool content	IS 1719
512	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Woolen Textile products	Wool Content	IS 8476
513	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	IS 3025 (Part 40)
514	CHEMICAL- WATER	Drinking Water	Chlorides (as Cl)	IS 3025 (Part 32)
515	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
516	CHEMICAL- WATER	Drinking Water	Dissolved Solids	IS 3025 (Part 16)
517	CHEMICAL- WATER	Drinking Water	Iron (as Fe)	IS 3025 (Part 53)
518	CHEMICAL- WATER	Drinking Water	Magnesium (as Mg)	IS 3025 (Part 46)
519	CHEMICAL- WATER	Drinking Water	Nitrates (s NO3)	IS 3025 (Part 34)
520	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
521	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS 3025 (Part 26)
522	CHEMICAL- WATER	Drinking Water	Sulphates (as SO4)	IS 3025 (Part 24)
523	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 (Part 23)
524	CHEMICAL- WATER	Drinking Water	Total Hardness	is 3025 (Part 21)
525	CHEMICAL- WATER	Drinking Water	Total Solids	IS 3025 (Part 15)
526	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
527	CHEMICAL- WATER	Industrial Water	Bio-Chemical Oxygen Demand (BOD)	IS 3025 (Part 44)

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 29 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
528	CHEMICAL- WATER	Industrial Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
529	CHEMICAL- WATER	Industrial Water	Dissolved Oxygen	IS 3025 (Part 38)
530	CHEMICAL- WATER	Industrial Water	Oil and Grease	IS 3025 (Part 39)
531	CHEMICAL- WATER	Industrial Water	pH	IS 3025 (Part 11)
532	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
533	CHEMICAL- WATER	Industrial Water	Total Solids	IS 3025 (Part 15)
534	CHEMICAL- WATER	Industrial Water	Total Suspended Solids (TSS)	IS 3025 (Part 17)
535	CHEMICAL- WATER	Water for Construction purpose	Amount of 0.02 N H2SO4 required to neutralize 100 ml of a water sample using mixed indicator	IS 3025 (Part 23)
536	CHEMICAL- WATER	Water for construction purpose	Amount of 0.02 N NaOH required to neutralize 100 ml Sample of water using phenolphthalein as indicator	IS 3025 (Part 22)
537	CHEMICAL- WATER	Water for construction purpose	Chlorides (as Cl)	IS 3025 (Part 32)
538	CHEMICAL- WATER	Water for Construction purpose	Inorganic Solids	IS 3025 (Part 18)
539	CHEMICAL- WATER	Water for Construction purpose	Organic Solids	IS 3025 (Part 18)
540	CHEMICAL- WATER	Water for Construction purpose	pH	IS 3025 (Part 11)
541	CHEMICAL- WATER	Water for Construction purpose	Sulphates (as SO3)	IS 3025 (Part 24)
542	CHEMICAL- WATER	Water for Construction purpose	Suspended matter	IS 3025 (Part 17)
543	CHEMICAL- WATER	Water for Swimming Pool	Calcium (as Ca)	IS 3025 (Part 40)
544	CHEMICAL- WATER	Water for Swimming Pool	Chlorides (as Cl)	IS 3025 (Part 32)
545	CHEMICAL- WATER	Water for Swimming Pool	Colour	IS 3025 (Part 4)
546	CHEMICAL- WATER	Water for Swimming Pool	Dissolved Solids	IS 3025 (Part 16)
547	CHEMICAL- WATER	Water for Swimming Pool	Iron (as Fe)	IS 3025 (Part 53)
548	CHEMICAL- WATER	Water for Swimming Pool	Magnesium (as Mg)	IS 3025 (Part 46)
549	CHEMICAL- WATER	Water for Swimming Pool	Nitrates (as NO3)	IS 3025 (Part 34)
550	CHEMICAL- WATER	Water for Swimming Pool	pH	IS 3025 (Part 11)
551	CHEMICAL- WATER	Water for Swimming Pool	Residual Free Chlorine	IS 3025 (Part 26)
552	CHEMICAL- WATER	Water for Swimming Pool	Sulphates (as SO4)	IS 3025 (Part 24)
553	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity	IS 3025 (Part 23)

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 30 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
554	CHEMICAL- WATER	Water for Swimming Pool	Total Hardness	I 3025 (Part 21)
555	CHEMICAL- WATER	Water for Swimming Pool	Total Solids	IS 3025 (Part 15)
556	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	IS 3025 (Part 10)
557	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Compressive Strength	IS 3495 (Part 1)
558	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (Height of 20 bricks)	IS 1077
559	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (Length of 20 bricks)	IS 1077
560	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension (Width of 20 bricks)	IS 1077
561	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Efforescence	IS 3495 (Part 3)
562	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Water Absorption	IS 3495 (Part 2)
563	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Fly Ash Building Bricks	Dimension (Length of 20 bricks)	IS 13757
564	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Fly Ash Building Bricks	Height (of 20 bricks)	IS 13757
565	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Fly Ash Building Bricks	Width (of 20 bricks)	IS 13757
566	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	10 % Fine Value	IS 2386 (Part 4)
567	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Abrasion Value	IS 2386 (Part 4)
568	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk density	IS 2386 (Part 3)
569	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 (Part 4)
570	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Deleterious materials (Coal & lignite / Clay lumps)	IS 2386 (Part 2)
571	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1)
572	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1)
573	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (Part 4)

SCOPE OF ACCREDITATION

Laboratory Name :	MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7008	**Page No**	31 of 48
Validity	22/08/2021 to 21/08/2023	**Last Amended on**	05/10/2021

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
574	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (2.36 mm , 4.75 mm , 10.0 mm , 12.5 mm , 16.0 mm , 20.0 mm , 40.0 mm , 63.0 mm , 80.0 mm)	IS 2386 (Part 1)
575	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness (Magnesium Sulphate)	IS 2386 (Part 5)
576	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness (Sodium Sulphate)	IS 2386 (Part 5)
577	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (Part 3)
578	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (Part 3)
579	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516
580	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk density	IS 2386 (Part 3)
581	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Deleterious materials (Coal & lignite / Clay lumps)	IS 2386 (Part 2)
582	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Matter finer than 75 micron	IS 2386 (Part 2)
583	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Organic Impurities	IS 2386 (Part 2)
584	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (Matter passing - 0.045 mm , 0.063 mm , 0.075 mm , 0.15 mm , 0.30 mm , 0.60 mm 1.18 mm , 2.36 mm , 4.75 mm , 10.0 mm , 12.5 mm)	IS 2386 (Part 1)
585	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Silt , Clay & Fine dust	IS 2386 (Part 2)
586	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness (Magnesium Sulphate)	IS 2386 (Part 5)
587	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness (Sodium Sulphate)	IS 2386 (Part 5)
588	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3)
589	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
590	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 32 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
591	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness (Blain method)	IS 1727
592	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Lime Reactivity	IS 1727
593	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Residue on 45 micron IS sieve	IS 1727
594	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness (by Autoclave)	IS 1727
595	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS 1727
596	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC)	Compressive Strength (168 +/- 2 Hrs)	IS 4031 (Part 6)
597	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC)	Compressive Strength (678 +/- 4 Hrs)	IS 4031 (Part 6)
598	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC)	Compressive Strength (72 +/-1 Hrs)	IS 4031 (Part 6)
599	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC)	Consistancy	IS 4031 (Part 4)
600	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC)	Density	IS 4032 (Part 11)
601	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC)	Drying Shrinkage	IS 4031 (Part 10)
602	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC)	Fineness (by Blaine air permeability method)	IS 4031 (Part 2)
603	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC)	Setting time (Final)	IS 4031 (Part 5)
604	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC)	Setting time (Initial)	IS 4031(Part 5)
605	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC)	Soundness (by Le-chatelier method)	IS 4031 (Part 3)
606	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement (OPC/PPC/PSC)	Soundness by Autoclave method	IS 4031 (Part 3)
607	MECHANICAL- BUILDINGS MATERIALS	Silica Fume (Micro Silica)	Compressive Strength	IS 1727
608	MECHANICAL- BUILDINGS MATERIALS	Silica Fume (Micro Silica)	Residue on 45 micron IS sieve	IS 1727

SCOPE OF ACCREDITATION

Laboratory Name :	MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7008	**Page No**	33 of 48
Validity	22/08/2021 to 21/08/2023	**Last Amended on**	05/10/2021

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
609	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials & its alloys	Charpy Impact test U Notch (up to minus 40 degree C)	IS 1757 (Part 1)
610	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials & its alloys	Charpy Impact test V Notch (up to minus 40 degree C)	IS 1757 (Part 1)
611	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials & its alloys	Izod Impact test	IS 1598
612	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials & its alloys	Rockwell Hardness (B Scale)	IS 1586 (Part 1)
613	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials & its alloys	Rockwell Hardness (C Scale)	IS 1586 (Part 1)
614	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials & its alloys	Vickers Hardness (HV1)	IS 1501 (Part 1)
615	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials & its alloys	Vickers Hardness (HV10)	IS 1501 (Part 1)
616	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials & its alloys	Vickers Hardness (HV30)	IS 1501 (Part 1)
617	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials & its alloys	Vickers Hardness (HV5)	IS 1501 (Part 1)
618	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials and products	Density	IS 4841
619	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanised Steel Sheets	Bend test	IS 277
620	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal Sheets	Cupping test	IS 10175
621	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal Wires	Wrapping test	IS 1755
622	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials (Plates / Sheets / Reinforcement steel bars & wires)	Bend test	IS 1599

SCOPE OF ACCREDITATION

Laboratory Name :	MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7008	**Page No**	34 of 48
Validity	22/08/2021 to 21/08/2023	**Last Amended on**	05/10/2021

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
623	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel Wires	Bend test	IS 280
624	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Products	0.2 % Proof Stress	IS 1608 (Part 1)
625	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Products	Bend test	IS 1599
626	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Products	Density	IS 4841
627	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Products	Elongation	IS 1608 (Part 1)
628	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Products	Mercurous nitrate test	IS 2305
629	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Products	Reduction area at break	IS 1608 (Part 1)
630	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Products	Tensile Strength	IS 1608 (Part 1)
631	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Products	Vickers Hardness (HV1)	IS 1501 (Part 1)
632	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Products	Vickers Hardness (HV10)	IS 1501 (Part 1)
633	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Products	Vickers Hardness (HV5)	IS 1501 (Part 1)
634	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Products	Wrapping test	IS 1755
635	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Products	Yield Stress	IS 1608 (Part 1)
636	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipes / Tubes	Bend test	IS 2329

SCOPE OF ACCREDITATION

Laboratory Name :	MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7008	**Page No**	35 of 48
Validity	22/08/2021 to 21/08/2023	**Last Amended on**	05/10/2021

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
637	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipes / Tubes	Flattening test	IS 2328
638	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bars	Bond test - Pull out test	IS 2770 (Part 1)
639	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bars	Bond test - Rib area (by dimension measurement)	IS 1786
640	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bars	Elongation	IS 1608 (Part 1)
641	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bars	Elongation at maximum force	IS 1608 (Part 1)
642	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bars	Mass per meter	IS 1786
643	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bars	Re-bend test	IS 1786
644	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bars	Tensile Strength	IS 1608 (Part 1)
645	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel Bars	Yield Stress	IS 1608 (Part 1)
646	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel products	Macroetch test	IS 11371
647	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel products	Macrographic examination of steel - by sulphur print	IS 12037
648	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel Plates, Pipes, Reinforcement Steel Bars, Steel & Stainless steel wires and plates.	0.2 % Proof stress	IS 1608 (Part 1)
649	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel Plates, Pipes, Reinforcement Steel Bars, Steel & Stainless steel wires and plates.	Elongation	IS 1608 (Part 1)
650	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel Plates, Pipes, Reinforcement Steel Bars, Steel & Stainless steel wires and plates.	Elongation at maximum force	IS 1608 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name :	MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7008	**Page No**	36 of 48
Validity	22/08/2021 to 21/08/2023	**Last Amended on**	05/10/2021

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
651	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel Plates, Pipes, Reinforcement Steel Bars, Steel & Stainless steel wires and plates.	Reduction area at break	IS 1608 (Part 1)
652	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel Plates, Pipes, Reinforcement Steel Bars, Steel & Stainless steel wires and plates.	Tensile Strength	IS 1608 (Part 1)
653	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel Plates, Pipes, Reinforcement Steel Bars, Steel & Stainless steel wires and plates.	Yield Stress	IS 1608 (Part 1)
654	MECHANICAL- PAPER & PAPER PRODUCTS	Computer paper/Copier Paper / Writing paper / Packing paper / wrapping paper / Printing paper / Laminated paper / Kraft paper	Opacity	IS/ISO 2471
655	MECHANICAL- PAPER & PAPER PRODUCTS	Computer paper/Copier Paper / Writing paper / Packing paper / wrapping paper / Printing paper / Laminated paper / Kraft paper	Stretch (Elongation)	IS 1060 (Part 1)
656	MECHANICAL- PAPER & PAPER PRODUCTS	Computer paper/Copier Paper / Writing paper / Packing paper / wrapping paper / Printing paper / Laminated paper / Kraft paper	Breaking load (Tensile load)	IS 1060 (Part 1)
657	MECHANICAL- PAPER & PAPER PRODUCTS	Computer paper/Copier Paper / Writing paper / Packing paper / wrapping paper / Printing paper / Laminated paper / Kraft paper	Breaking load (Tensile load)	IS 1060 (Part 5 / Sec 6)
658	MECHANICAL- PAPER & PAPER PRODUCTS	Computer paper/Copier Paper / Writing paper / Packing paper / wrapping paper / Printing paper / Laminated paper / Kraft paper	Brightness	IS 1060 (Part 2)
659	MECHANICAL- PAPER & PAPER PRODUCTS	Computer paper/Copier Paper / Writing paper / Packing paper / wrapping paper / Printing paper / Laminated paper / Kraft paper	Bulk	IS 1060 (Part 1)
660	MECHANICAL- PAPER & PAPER PRODUCTS	Computer paper/Copier Paper / Writing paper / Packing paper / wrapping paper / Printing paper / Laminated paper / Kraft paper	Burst Index	IS 1060 (Part 6 / Sec 2))
661	MECHANICAL- PAPER & PAPER PRODUCTS	Computer paper/Copier Paper / Writing paper / Packing paper / wrapping paper / Printing paper / Laminated paper / Kraft paper	Bursting strength	IS 1060 (Part 6 / Sec 2))
662	MECHANICAL- PAPER & PAPER PRODUCTS	Computer paper/Copier Paper / Writing paper / Packing paper / wrapping paper / Printing paper / Laminated paper / Kraft paper	Gloss	IS 1060 (Part 1)
663	MECHANICAL- PAPER & PAPER PRODUCTS	Computer paper/Copier Paper / Writing paper / Packing paper / wrapping paper / Printing paper / Laminated paper / Kraft paper	Opacity	IS 1060 (Part 1)
664	MECHANICAL- PAPER & PAPER PRODUCTS	Computer paper/Copier Paper / Writing paper / Packing paper / wrapping paper / Printing paper / Laminated paper / Kraft paper	Stretch (Elongation)	IS 1060 (Part 5 / Sec 6))

SCOPE OF ACCREDITATION

Laboratory Name :	MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7008	**Page No**	37 of 48
Validity	22/08/2021 to 21/08/2023	**Last Amended on**	05/10/2021

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
665	MECHANICAL- PAPER & PAPER PRODUCTS	Computer paper/Copier Paper / Writing paper / Packing paper / wrapping paper / Printing paper / Laminated paper / Kraft paper	Substance (Grammage)	IS 1060 (Part 1)
666	MECHANICAL- PAPER & PAPER PRODUCTS	Computer paper/Copier Paper / Writing paper / Packing paper / wrapping paper / Printing paper / Laminated paper / Kraft paper	Substance (Grammage)	IS 1060 (Part 5 / Sec 5))
667	MECHANICAL- PAPER & PAPER PRODUCTS	Computer paper/Copier Paper / Writing paper / Packing paper / wrapping paper / Printing paper / Laminated paper / Kraft paper	Tear Index	IS 1060 (Part 6 / Sec 1)
668	MECHANICAL- PAPER & PAPER PRODUCTS	Computer paper/Copier Paper / Writing paper / Packing paper / wrapping paper / Printing paper / Laminated paper / Kraft paper	Tensile Index	IS 1060 (Part 5 / Sec 6))
669	MECHANICAL- PAPER & PAPER PRODUCTS	Computer paper/Copier Paper / Writing paper / Packing paper / wrapping paper / Printing paper / Laminated paper / Kraft paper	Thickness	IS 1060 (Part 1)
670	MECHANICAL- PAPER & PAPER PRODUCTS	Computer paper/Copier Paper / Writing paper / Packing paper / wrapping paper / Printing paper / Laminated paper / Kraft paper	Water Absorptiveness (Cobb test)	IS 1060 (Part 5 / Sec 4))
671	MECHANICAL- PAPER & PAPER PRODUCTS	Computer paper/Copier Paper / Writing paper / Packing paper / wrapping paper / Printing paper / Laminated paper / Kraft paper	Water penetration test	IS 1060 (Part 3)
672	MECHANICAL- PAPER & PAPER PRODUCTS	Laminated Paper	Delamination at high temperature and humidity	IND/ME/786 (D)
673	MECHANICAL- PAPER & PAPER PRODUCTS	Laminated Paper	Delamination of water	IND/ME/786 (D)
674	MECHANICAL- PAPER & PAPER PRODUCTS	Laminated Paper	Resistance to water penetration	IND/ME/786 (D)
675	MECHANICAL- PAPER & PAPER PRODUCTS	Laminated Paper	Thickness	IS 1060 (Part 1)
676	MECHANICAL- PAPER & PAPER PRODUCTS	Paper board	Breaking load (Tensile load)	IS 1060 (Part 5 / Sec 6))
677	MECHANICAL- PAPER & PAPER PRODUCTS	Paper board	Bursting Strength	IS 1060 (Part 6 / Sec 2)
678	MECHANICAL- PAPER & PAPER PRODUCTS	Paper board	Substance (Grammage)	IS 1060 (Part 1)
679	MECHANICAL- PAPER & PAPER PRODUCTS	Paper board	Thickness	IS 1060 (Part 1)
680	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Compression Set	ASTM D 3574

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 38 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
681	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Compression Set	ASTM D 3575
682	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Compression Set	IS 7888
683	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Compressive Strength at specified deflection	ASTM D 3575
684	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Compressive Strength at specified deflection	IS 4671
685	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Density	ASTM D 3575
686	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Density (Apparent density)	ASTM D 3574
687	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Density (Apparent density)	IS 7888
688	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Density (Bulk density)	IS 4671
689	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Dimensions	IS 4671
690	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Dimensions	IS 7888
691	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Elongation	ASTM D 3574
692	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Elongation	ASTM D 3575
693	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Elongation	IS 7888
694	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Heat ageing test (Change in dimension)	IS 7888
695	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Heat ageing test (Change in dimensions)	ASTM D 3574
696	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Humidity ageing test (Change in dimensions)	ASTM D 3574
697	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Humidity ageing test (Change in dimensions)	IS 7888
698	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Tear Strength	ASTM D 3574
699	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Tear Strength	ASTM D 3575

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 39 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
700	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Tensile Strength	ASTM D 3574
701	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Tensile Strength	ASTM D 3575
702	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Tensile Strength	IS 7888
703	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Thermal Stability (Change in dimension)	ASTM D 3575
704	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Foam & its products	Thermal Stability (Change in dimensions)	IS 4671
705	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Phenolic moulding materials	Cross Breaking Strength	IS 867
706	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Phenolic moulding materials	Impact Strength	IS 867
707	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Charpy Impact Strength	IS 13360 (Part 5/Sec 5)
708	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Charpy Impact Strength	ISO 179 (Part 1)
709	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Compressive Strength	IS 13360 (Part 5 / Sec 8)
710	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Deflection temperature under load	ASTM D 648
711	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Deflection temperature under load	IS 13360 (Part 6/Sec 3)
712	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Deflection temperature under load	ISO 75 (Part 1)
713	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Elongation	ASTM D 638
714	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Elongation	IS 13360 (Part 5/Sec1)
715	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Elongation	ISO 527 (Part 1)
716	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Flexural properties	ASTM D 790
717	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Flexural properties	IS 13360 (Part 5 / Sec 7)
718	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Flexural strength	ISO 178

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 40 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
719	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Hardness (Shore A)	ASTM D 2240
720	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Hardness (Shore D)	ASTM D 2240
721	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Hardness (Shore D)	IS 13360 (Part 5 / Sec 11)
722	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Hardness (Shore D)	ISO 868
723	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Izod Impact Strength	ASTM D 256
724	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Izod Impact Strength	IS 13360 (Part 5/Sec 4)
725	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Izod Impact Strength	ISO 180
726	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Melt flow Index	ASTM D 1238
727	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Melt flow Index	IS 13360 (Par 4 / Sec 1)
728	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Melt flow Index	IS 2530
729	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Melt flow Index	ISO 1133 (Par 1)
730	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Melt volume Index	ASTM D 1238
731	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Melt volume Index	IS 13360 (Part 4 / Sec 1)
732	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Melt volume Index	ISO 1133 (Part 1)
733	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Tensile properties	ASTM D 638
734	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Tensile properties	IS 13360 (Part 5 / Sec 1)
735	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Tensile properties	ISO 527 (Part 1)
736	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Vicat softening point	ASTM D 1525
737	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Vicat softening point	IS 13360 (Part 6/ Sec1)

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 41 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
738	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Vicat softening point	IS 6307
739	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Vicat softening point	ISO 306
740	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Sheets & films	Elongation	IS 13360 (Part 5 / Sec 3)
741	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Sheets & films	Elongation	IS 7809 (Part 2)
742	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Sheets & films	Film / Sheet thickness	IS 10889
743	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Sheets & films	Film / Sheet thickness	IS 13360 (Part 3 / Sec 6)
744	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Sheets & films	Film / Sheet thickness	IS 7809 (Part 2)
745	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Sheets & films	Tensile Strength	IS 13360 (Part 5/ Sec3)
746	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Sheets & films	Tensile Strength	IS 7809 (Part 2)
747	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Accelerated ageing & heat resistance test (Change in Elongation)	ASTM D 573
748	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Accelerated ageing & heat resistance test (Change in Hardness IRHD)	ISO 188
749	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Accelerated ageing & heat resistance test (Change in Hardness -IRHD)	IS 3400 (Part 4)
750	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Accelerated ageing & heat resistance test (Change in Elongation)	IS 3400 (Part 4)
751	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Accelerated ageing & heat resistance test (Change in Elongaton)	ISO 188
752	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Accelerated ageing & heat resistance test (Change in Hardness - Shore A)	IS 3400 (Part 4)
753	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Accelerated ageing & heat resistance test (Change in Hardness IRHD)	ASTM D 573

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 42 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
754	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Accelerated ageing & heat resistance test (Change in Hardness Shore A)	ASTM D 573
755	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Accelerated ageing & heat resistance test (Change in Hardness Shore A)	ISO 188
756	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Accelerated ageing & heat resistance test (Change in Tensile Strength)	ASTM D 573
757	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Accelerated ageing & heat resistance test (Change in Tensile Strength)	IS 3400 (Part 4)
758	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Accelerated ageing & heat resistance test (Change in Tensile Strength)	ISO 188
759	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Accelerated ageing & heat resistance test (Change in Volume)	ASTM D 573
760	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Accelerated ageing & heat resistance test (Change in Volume)	IS 3400 (Part 4)
761	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Accelerated ageing & heat resistance test (Change in Volume)	ISO 188
762	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Compressibility under load	IND/ME/645(a)
763	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Compression Set	ASTM D 395
764	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Compression Set	IS 3400 (Part 10 / Sec 1)
765	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Compression Set	ISO 815 (Part 1)
766	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Effect of liquids (Change in Elongation)	ASTM D 471
767	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Effect of liquids (Change in Elongation)	IS 3400 (Part 6)
768	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Effect of liquids (Change in Elongation)	ISO 1817
769	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Effect of liquids (Change in Hardness IRHD)	ASTM D 471

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 43 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
770	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Effect of liquids (Change in Hardness IRHD)	IS 3400 (Part 6)
771	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Effect of liquids (Change in Hardness IRHD)	ISO 1817
772	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Effect of liquids (Change in Hardness Shore A)	ASTM D 471
773	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Effect of liquids (Change in Hardness Shore A)	IS 3400 (Part 6)
774	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Effect of liquids (Change in Hardness Shore A)	ISO 1817
775	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Effect of liquids (Change in Tensile Strength)	ASTM D 471
776	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Effect of liquids (Change in Tensile Strength)	IS 3400 (Part 6)
777	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Effect of liquids (Change in Tensile Strength)	ISO 1817
778	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Effect of liquids (Change in Volume)	ASTM D 471
779	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Effect of liquids (Change in Volume)	IS 3400 (Part 6)
780	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Effect of liquids (Change in Volume)	ISO 1817
781	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Elongation	ASTM D 412
782	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Elongation	IS 3400 (Part 1)
783	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Elongation	ISO 37
784	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Hardness (IRHD)	BS 903 A26
785	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Hardness (IRHD)	IS 3400 (Part 2)
786	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Hardness (IRHD)	ISO 48 (Part 2)
787	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Hardness (Shore A)	ASTM D 2240
788	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Hardness (Shore A)	IS 3400 (Part 23 / Sec 1)

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 44 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
789	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Hardness (Shore A)	ISO 48 (Part 4)
790	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Hardness (Shore D)	ASTM D 2240
791	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Hardness (Shore D)	IS 3400 (Part 23 / Sec 1)
792	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Hardness (Shore D)	ISO 48 (Part 4)
793	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Low temperature resistance test	JSS 9320-24
794	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Tear Strength	ASTM D 624
795	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Tear Strength	IS 3400 (Part 17)
796	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Tensile properties	ASTM D 412
797	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Tensile properties	ISO 37
798	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Natural rubber & products	Tensile Strength	IS 3400 (Part 1)
799	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Polymer coating / Coated fabric	Low temperature bend test	ASTM D 2136
800	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Radiator hose	Resistance against low temperature	IS 2765
801	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Accelerated ageing & heat resistance test (Change in Elongation)	ASTM D 573
802	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Accelerated ageing & heat resistance test (Change in Elongation)	IS 3400 (Part 4)
803	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Accelerated ageing & heat resistance test (Change in Elongation)	ISO 188
804	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Accelerated ageing & heat resistance test (Change in Hardness IRHD)	ASTM D 573
805	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Accelerated ageing & heat resistance test (Change in Hardness IRHD)	IS 3400 (Part 4)

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 45 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
806	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Accelerated ageing & heat resistance test (Change in Hardness IRHD)	ISO 188
807	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Accelerated ageing & heat resistance test (Change in Hardness Shore A)	ASTM D 573
808	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Accelerated ageing & heat resistance test (Change in Hardness Shore A)	IS 3400 (Part 4)
809	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Accelerated ageing & heat resistance test (Change in Hardness Shore A)	ISO 188
810	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Accelerated ageing & heat resistance test (Change in Tensile Strength)	ASTM D 573
811	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Accelerated ageing & heat resistance test (Change in Tensile Strength)	IS 3400 (Part 4)
812	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Accelerated ageing & heat resistance test (Change in Tensile Strength)	ISO 188
813	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Accelerated ageing & heat resistance test (Change in Volume)	ASTM D 573
814	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Accelerated ageing & heat resistance test (Change in Volume)	IS 3400 (Part 4)
815	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Accelerated ageing & heat resistance test (Change in Volume)	ISO 188
816	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Adhesion to & corrosion of metals	IND/ME/884
817	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Adhesion to & corrosion of metals	JSS 9320-24
818	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Compression Set	ASTM D 395
819	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Compression Set	IS 3400 (Part 10 / Sec1)
820	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Compression Set	ISO 815 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 46 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
821	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Effect of liquids (Change in Elongation)	ASTM D 471
822	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Effect of liquids (Change in Elongation)	IS 3400 (Part 6)
823	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Effect of liquids (Change in Elongation)	ISO 1817
824	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Effect of liquids (Change in Hardness IRHD)	ASTM D 471
825	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Effect of liquids (Change in Hardness IRHD)	IS 3400 (Part 6)
826	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Effect of liquids (Change in Hardness IRHD)	ISO 1817
827	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Effect of liquids (Change in Hardness Shore A)	ASTM D 471
828	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Effect of liquids (Change in Hardness Shore A)	IS 3400 (Part 6)
829	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Effect of liquids (Change in Hardness Shore A)	ISO 1817
830	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Effect of liquids (Change in Tensile Strength)	ASTM D 471
831	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Effect of liquids (Change in Tensile Strength)	IS 1817
832	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Effect of liquids (Change in Tensile Strength)	IS 3400 (Part 6)
833	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Effect of liquids (Change in Volume)	ASTM D 471
834	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Effect of liquids (Change in Volume)	IS 3400 (Part 6)
835	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Effect of liquids (Change in Volume)	ISO 1817
836	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Elongation	ASTM D 412
837	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Elongation	IS 3400 (Part 1)
838	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Elongation	ISO 37
839	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Hardness (IRHD)	BS 903 A26

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 47 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
840	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Hardness (IRHD)	IS 3400 (Part 2)
841	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Hardness (IRHD)	ISO 48 (Part 2)
842	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Hardness (Shore A)	ASTM D 2240
843	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Hardness (Shore A)	IS 3400 (Part 23/ sec 1)
844	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Hardness (Shore A)	ISO 48 (Part 4)
845	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Hardness (Shore D)	ASTM D 2240
846	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Hardness (Shore D)	IS 3400 (Patt 23 / Sec 1)
847	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Hardness (Shore D)	ISO 48 (Part 4)
848	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Resistance to crystalization	IND/ME/884
849	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Resistance to low temperature	JSS 9320-24
850	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Tear Strength	ASTM D 624
851	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Tear Strength	IS 3400 (Part 17)
852	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Tensile properties	ASTM D 412
853	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Tensile properties	ISO 37
854	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic rubber & products	Tensile Strength	IS 3400 (Part 1)
855	MECHANICAL- TEXTILE MATERIALS	Coated and treated fabrics	Breaking strength of coated and treated fabric	IS 7016 (Part 2)
856	MECHANICAL- TEXTILE MATERIALS	Coated and treated fabrics	Extension at break of coated &Treated Fabrics	IS 7016 (Part 2)
857	MECHANICAL- TEXTILE MATERIALS	Coated and treated fabrics	Tear Strength of coated and fabrics	IS 7016 (Part 3) Metod B
858	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and Non Woven)	Breaking load of fabrics	IS 1969 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name : MATERIAL TESTING LABORATORY, B -103, OKHLA INDUSTRIAL AREA, PHASE -1, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7008 **Page No** 48 of 48

Validity 22/08/2021 to 21/08/2023 **Last Amended on** 05/10/2021

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
859	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and Non Woven)	Bursting Strength of fabrics	IS 1966 (Part 1)
860	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and Non Woven)	Elongation of fabrics at break	IS 1969 (Part 1)
861	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and Non Woven)	Length and Width of Fabrics	IS 1954
862	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and Non Woven)	Mass per unit area of fabrics	IS 1964
863	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and Non Woven)	Mass per unit length of fabrics	IS 1964
864	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and Non Woven)	Tear Strength of fabrics	IS 6489 (Part 1)
865	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven and Non Woven)	Threads per unit length of fabrics	IS 1963
866	MECHANICAL- TEXTILE MATERIALS	Threads (Yarn)	Breaking load of thread	IS 1670
867	MECHANICAL- TEXTILE MATERIALS	Threads (Yarn)	Count of Yarn	IS 3442
868	MECHANICAL- TEXTILE MATERIALS	Threads (Yarn)	Elongation at break	IS 1670
869	MECHANICAL- TEXTILE MATERIALS	Threads (Yarn)	Length of thread per kg	IS 1720
870	MECHANICAL- TEXTILE MATERIALS	Threads (Yarn)	Tenacity of Yarn	IS 1670
871	MECHANICAL- TEXTILE MATERIALS	Wool Felt	Density	IS 1719
872	MECHANICAL- TEXTILE MATERIALS	Wool Felt	Oil Retention	IS 1719
873	MECHANICAL- TEXTILE MATERIALS	Wool Felt	Splitting resistance	IS 1719
874	MECHANICAL- TEXTILE MATERIALS	Wool Felt	Tensile Strength	IS 1719
875	MECHANICAL- TEXTILE MATERIALS	Wool Felt	Thickness	IS 1719