National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BALAJI SCIENTIFIC LABORATORIES, 2K-18, N.I.T, FARIDABAD, HARYANA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5031 **Page No** 1 of 18
Validity 29/04/2022 to 28/04/2024 **Last Amended on** 11/08/2022

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
LOCATION 1-2K-18, N.I.T, FARIDABAD, HARYANA, INDIA Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Aggregates (Coarse/Fine)	Acid soluble chloride	BS-1744 (Part-1)
2	CHEMICAL- BUILDING MATERIAL	Aggregates (Coarse/Fine)	Alkali aggregate reaction (Chemical method) Dissolved silica	IS 2386 Part-7
3	CHEMICAL- BUILDING MATERIAL	Aggregates (Coarse/Fine)	Alkali aggregate reaction (Chemical method) Reduction of alkalinity	IS 2386 Part-7
4	CHEMICAL- BUILDING MATERIAL	Aggregates (Coarse/Fine)	Chloride as NaCl	BS 1744(Part-1)
5	CHEMICAL- BUILDING MATERIAL	Aggregates(Coarse/Fine)	Total sulphate as SO3	BS 1744(Part-1)
6	CHEMICAL- BUILDING MATERIAL	Bitumen	Mineral Matter(Ash Content)	IS 1217
7	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Alumina as Al2O3	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Calcium Oxide as CaO	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Chloride	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Insoluble residue	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Iron oxide as Fe2O3	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Loss on ignition	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Magnesia as MgO	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Sulphuric anhydride as SO3	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement Concrete/Plaster	Chlorides	IS 14959 Part-1&2
16	CHEMICAL- BUILDING MATERIAL	Cement Concrete/Plaster	Sulphate as SO3	BS 1881 Part-124
17	CHEMICAL- BUILDING MATERIAL	Cement(OPC/PPC)	Silica as SiO2	IS 4032

SCOPE OF ACCREDITATION

Laboratory Name : BALAJI SCIENTIFIC LABORATORIES, 2K-18, N.I.T, FARIDABAD, HARYANA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5031 **Page No** 2 of 18
Validity 29/04/2022 to 28/04/2024 **Last Amended on** 11/08/2022

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
18	CHEMICAL- BUILDING MATERIAL	Concrete admixture	Ash content	IS 9103
19	CHEMICAL- BUILDING MATERIAL	Concrete admixture	Chloride	IS 6925
20	CHEMICAL- BUILDING MATERIAL	Concrete Admixture	Dry material content	IS 9103
21	CHEMICAL- BUILDING MATERIAL	Concrete Admixture	pH	IS 9103
22	CHEMICAL- BUILDING MATERIAL	Concrete admixture	Relative density	IS 9103
23	CHEMICAL- BUILDING MATERIAL	Fly ash	Alumina as Al2O3	IS 1727
24	CHEMICAL- BUILDING MATERIAL	Fly ash	Calcium oxide as CaO	IS 1727
25	CHEMICAL- BUILDING MATERIAL	Fly ash	Chloride	IS 4032
26	CHEMICAL- BUILDING MATERIAL	Fly ash	Iron oxide as Fe2O3	IS 1727
27	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on ignition	IS 1727
28	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesia as MgO	IS 1727
29	CHEMICAL- BUILDING MATERIAL	Fly ash	Moisture content	IS 3812(Part-1)
30	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica as SiO2	IS 1727
31	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphuric anhydride as SO3	IS 1727
32	CHEMICAL- BUILDING MATERIAL	Glazed/Vitrified Tiles	Chemical Resistance	IS 13630(P-8)
33	CHEMICAL- BUILDING MATERIAL	Glazed/Vitrified Tiles	Chemical Resistance	IS 15622
34	CHEMICAL- BUILDING MATERIAL	Gypsum/Plaster of paris	Loss on ignition	IS 2547 Part-1
35	CHEMICAL- BUILDING MATERIAL	Gypsum/Plaster of paris	Sulphate as SO3	IS 1288
36	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Chloride	BS-1881(P-124)

SCOPE OF ACCREDITATION

Laboratory Name : BALAJI SCIENTIFIC LABORATORIES, 2K-18, N.I.T, FARIDABAD, HARYANA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5031 **Page No** 3 of 18
Validity 29/04/2022 to 28/04/2024 **Last Amended on** 11/08/2022

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
37	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Sulphate	BS-1881(P-124)
38	CHEMICAL- BUILDING MATERIAL	Micro silica	Loss on ignition	IS 1727
39	CHEMICAL- BUILDING MATERIAL	Micro silica	Moisture content	IS 15388
40	CHEMICAL- BUILDING MATERIAL	Micro silica	Silica as (SiO2)	IS 1727
41	CHEMICAL- BUILDING MATERIAL	Water Proofing Compound	Chloride Content	IS 2645
42	CHEMICAL- BUILDING MATERIAL	Water Proofing Compound	Chloride Content	IS 6925
43	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous	Mass of zinc coating	IS 6745
44	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Non Ferrous	Powder Coating	Cl 3. of IS 101(Part 3/Section 2)
45	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Aluminium coating Pannel	Coating Thickness	IS 6012
46	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous	Uniformity of zinc coating	IS 2633
47	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous/non ferrous	Anodic coating	IS 5523
48	CHEMICAL- METALS & ALLOYS	HT Strand Wire	Phosphorus	IS 228(P-3)
49	CHEMICAL- METALS & ALLOYS	HT Strand Wire	Sulphur	IS 228(P-9)
50	CHEMICAL- METALS & ALLOYS	Mild steel products	Carbon	IS 228 Part-1
51	CHEMICAL- METALS & ALLOYS	Mild steel products	Manganese	IS 228 Part-2
52	CHEMICAL- METALS & ALLOYS	Mild steel products	Phosphorus	IS 228 Part-3
53	CHEMICAL- METALS & ALLOYS	Mild steel products	Silicon	IS 228 Part-8

SCOPE OF ACCREDITATION

Laboratory Name : BALAJI SCIENTIFIC LABORATORIES, 2K-18, N.I.T, FARIDABAD, HARYANA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5031 **Page No** 4 of 18
Validity 29/04/2022 to 28/04/2024 **Last Amended on** 11/08/2022

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
54	CHEMICAL- METALS & ALLOYS	Mild steel products	Sulphur	IS 228 Part-9
55	CHEMICAL- METALS & ALLOYS	Stainless steel products	Carbon	IS 228 Part-1
56	CHEMICAL- METALS & ALLOYS	Stainless steel products	Chromium	IS 228 Part-6
57	CHEMICAL- METALS & ALLOYS	Stainless steel products	Manganese	IS 228 Part-2
58	CHEMICAL- METALS & ALLOYS	Stainless steel products	Molybdenum	IS 228 Part-7
59	CHEMICAL- METALS & ALLOYS	Stainless steel products	Nickel	IS 228 Part-5
60	CHEMICAL- METALS & ALLOYS	Stainless steel products	Phosphorus	IS 228 Part-3
61	CHEMICAL- METALS & ALLOYS	Stainless steel products	Silicon	IS 228 Part-8
62	CHEMICAL- METALS & ALLOYS	Stainless steel products	Sulphur	IS 228 Part-9
63	CHEMICAL- METALS & ALLOYS	Steel Fiber	Phosphorus	IS 228(P-3)
64	CHEMICAL- METALS & ALLOYS	Steel Fiber	Sulphur	IS 228(P-9)
65	CHEMICAL- PAINTS & SURFACE COATING	Glass beads	Free flow Properties	Morth spec. sec-800
66	CHEMICAL- PAINTS & SURFACE COATING	Glass beads	Sieve analysis	BS 6088
67	CHEMICAL- PAINTS & SURFACE COATING	Thermo plastic paint	Low temperature cracking resistance test	BS 3262(Part-1)
68	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic paint	Binder content	ASTM D 4797
69	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic paint	Binder content	BS 3262(Part-1)
70	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic paint	Drying time	IS 101(Part-3) Sec-1
71	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic paint	Glass Beads	BS 3262(Part-1)
72	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic paint	Glass beads content	ASTM D 4797

SCOPE OF ACCREDITATION

Laboratory Name : BALAJI SCIENTIFIC LABORATORIES, 2K-18, N.I.T, FARIDABAD, HARYANA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5031 **Page No** 5 of 18
Validity 29/04/2022 to 28/04/2024 **Last Amended on** 11/08/2022

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
73	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic paint	Softening point	ASTM D 36/D36M
74	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic paint	Titanium dioxide	D1394-2003
75	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic Paint/Road Marking Paint/Emulsion Paint	Colour	IS 15489
76	CHEMICAL- PAINTS & SURFACE COATING	Thermoplastic Paint/Road Marking Paint/Emulsion Paint	Resistance to Alkali	IS 15489
77	CHEMICAL- SOIL AND ROCK	Bentonite	pH Value	IS 6186
78	CHEMICAL- SOIL AND ROCK	Soil	Calcium carbonate as CaCO3	IS 2720 Part-23
79	CHEMICAL- SOIL AND ROCK	Soil	Cation Exchange Capacity	IS 2720(P-24)
80	CHEMICAL- SOIL AND ROCK	Soil	Organic matter	IS 2720 Part-22
81	CHEMICAL- SOIL AND ROCK	Soil	pH Value	IS 2720 Part-26
82	CHEMICAL- WATER	Drinking water	Calcium as Ca	IS 3025 Part-40
83	CHEMICAL- WATER	Drinking water	Chloride as Cl	Cl. 2 of IS 3025 Part-32
84	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 Part-4
85	CHEMICAL- WATER	Drinking water	Magnesium as Mg	IS 3025 Part-46
86	CHEMICAL- WATER	Drinking water	Odour	IS 3025 Part-5
87	CHEMICAL- WATER	Drinking water	pH value	IS 3025 Part-11
88	CHEMICAL- WATER	Drinking water	Sulphate as SO4	Cl. 2. of IS 3025 Part-24
89	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 Part-8
90	CHEMICAL- WATER	Drinking water	Total Alkalinity	IS 3025 Part-23
91	CHEMICAL- WATER	Drinking water	Total dissolved solids	IS 3025 Part-16
92	CHEMICAL- WATER	Drinking water	Total hardness as CaCO3	Cl 5 of IS 3025 Part-21
93	CHEMICAL- WATER	Water for Construction Purpose	Acidity	IS 3025 Part-22
94	CHEMICAL- WATER	Water for Construction Purpose	Alkalinity	IS 3025 Part-23
95	CHEMICAL- WATER	Water for Construction Purpose	Chloride	IS 3025 Part-32
96	CHEMICAL- WATER	Water for Construction Purpose	Inorganic solids	IS 3025 Part-18
97	CHEMICAL- WATER	Water for Construction Purpose	Organic solids	IS 3025 Part-18

SCOPE OF ACCREDITATION

Laboratory Name : BALAJI SCIENTIFIC LABORATORIES, 2K-18, N.I.T, FARIDABAD, HARYANA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5031 **Page No** 6 of 18
Validity 29/04/2022 to 28/04/2024 **Last Amended on** 11/08/2022

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
98	CHEMICAL- WATER	Water for Construction Purpose	pH value	IS 3025 Part-11
99	CHEMICAL- WATER	Water for Construction Purpose	Sulphate as SO3	IS 3025 Part-24
100	CHEMICAL- WATER	Water for Construction Purpose	Suspended matter	IS 3025 Part-17
101	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600 Micron IS sieve	IS 8887
102	MECHANICAL- BUILDINGS MATERIALS	GSB, WMM, Blanket Material	Water content	IS 2720 (Part-2)
103	MECHANICAL- BUILDINGS MATERIALS	AAC/ACC/CLC Blocks	Bulk density	IS 6441 Part-1
104	MECHANICAL- BUILDINGS MATERIALS	AAC/ACC/CLC Blocks	Compressive strength	IS 6441 Part-5
105	MECHANICAL- BUILDINGS MATERIALS	AAC/ACC/CLC Blocks	Moisture content	IS 6441 Part-1
106	MECHANICAL- BUILDINGS MATERIALS	AAC/ACC/CLC Hollow& Soild Blocks	Dimensions -Length, Width & Height	IS 2185 Part-3
107	MECHANICAL- BUILDINGS MATERIALS	Admixture	Flexural Strength	IS 516 Part 1 sec 1
108	MECHANICAL- BUILDINGS MATERIALS	APP Membrane	Thickness	ASTM D 5147
109	MECHANICAL- BUILDINGS MATERIALS	APP Membrane	Total no. of layers	ASTM D-5147
110	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coagulation of emulsion at low temperature	IS 8887
111	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility with water	IS 8887
112	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Particle Charge	IS 8887
113	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue By evaporation	IS 8887
114	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage Stability after 24 hrs	IS 8887
115	MECHANICAL- BUILDINGS MATERIALS	Bitumen, Emulsion	Ductility Test	IS 1208
116	MECHANICAL- BUILDINGS MATERIALS	Bitumen, Emulsion	Solubility in trichloroethylene	IS 1216
117	MECHANICAL- BUILDINGS MATERIALS	Bitumen, Emulsion	Specific gravity	IS 1202

SCOPE OF ACCREDITATION

Laboratory Name : BALAJI SCIENTIFIC LABORATORIES, 2K-18, N.I.T, FARIDABAD, HARYANA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5031 **Page No** 7 of 18
Validity 29/04/2022 to 28/04/2024 **Last Amended on** 11/08/2022

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
118	MECHANICAL- BUILDINGS MATERIALS	Bitumen, Emulsion, CRMB, NRMB, water proofing membrane	Penetration at 25 0C	IS 1203
119	MECHANICAL- BUILDINGS MATERIALS	Bitumen, Emulsion, NRMB, CRMB, PMB, water proofing membrane	Softening point	IS 1205
120	MECHANICAL- BUILDINGS MATERIALS	Bitumenious mix	Binder content	IRC-SP-11
121	MECHANICAL- BUILDINGS MATERIALS	Bitumenious mix	Density	ASTM D2726
122	MECHANICAL- BUILDINGS MATERIALS	Bitumenious mix	Grading	IS 2386 Part-1
123	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick/Fly Ash Brick	Compressive Strength	IS 3495 Part-1
124	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick/Fly Ash Brick	water Absorption	IS 3495 Part-3
125	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Bricks/Fly ash Bricks	Efflorescence	IS 3495 Part-3
126	MECHANICAL- BUILDINGS MATERIALS	Burnt clay building bricks/Fly ash bricks	Dimensions -Length, Width & Height	IS 1077
127	MECHANICAL- BUILDINGS MATERIALS	Burnt clay building bricks/Fly ash bricks	Dimensions -Length, Width & Height	IS 12894
128	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Compressive strength (a) 72±1 h, (b) 168±2 h (c) 672±4 h	IS 4031 Part-6
129	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Consistency	IS 4031 Part-4
130	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Density	IS 4031 Part-11
131	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Fineness by Blaine air permeability	IS 4031 Part-2
132	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Setting time (a) Initial	IS 4031 Part-5
133	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Setting time (b) Final	IS 4031 Part-5
134	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Soundness (b) By autoclave test method	IS 4031 Part-3
135	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Soundness a) By Le- Chatelier method	IS 4031 Part-3
136	MECHANICAL- BUILDINGS MATERIALS	Cement concrete flooring tiles	Dimensions -Length, Breadth, Thickness	IS 1237

SCOPE OF ACCREDITATION

Laboratory Name : BALAJI SCIENTIFIC LABORATORIES, 2K-18, N.I.T, FARIDABAD, HARYANA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5031 **Page No** 8 of 18
Validity 29/04/2022 to 28/04/2024 **Last Amended on** 11/08/2022

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
137	MECHANICAL- BUILDINGS MATERIALS	Cement concrete flooring tiles	Flatness	IS 1237
138	MECHANICAL- BUILDINGS MATERIALS	Cement concrete flooring tiles	Perpendicularity	IS 1237
139	MECHANICAL- BUILDINGS MATERIALS	Cement concrete flooring tiles	Straightness	IS 1237
140	MECHANICAL- BUILDINGS MATERIALS	Cement concrete flooring tiles	Thickness of wearing layer	IS 1237
141	MECHANICAL- BUILDINGS MATERIALS	Cement concrete flooring tiles	Water absorption	IS 1237
142	MECHANICAL- BUILDINGS MATERIALS	Cement concrete flooring tiles	Wet transverse strength	IS 1237
143	MECHANICAL- BUILDINGS MATERIALS	Cement(OPC/PPC/PSC)	Fineness by Sieve	IS 4031 Part-1
144	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Dimensions -Length, breadth & Thickness	IS 13801
145	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Flatness	IS 13801
146	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Perpendicularity	IS 13801
147	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Straightness	IS 13801
148	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Thickness of wearing layer	IS13801
149	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Water absorption	IS 13801
150	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Wet transverse strength	IS 13801
151	MECHANICAL- BUILDINGS MATERIALS	Coarse /Fine Aggregates	Petrographic Examination	IS 2386 Part-8
152	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	10% Fine Value	IS 2386 Part-4
153	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 Part-4
154	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Elongation index	IS 2386 Part-1
155	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Flakiness index	IS 2386 Part-1

SCOPE OF ACCREDITATION

Laboratory Name : BALAJI SCIENTIFIC LABORATORIES, 2K-18, N.I.T, FARIDABAD, HARYANA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5031 **Page No** 9 of 18
Validity 29/04/2022 to 28/04/2024 **Last Amended on** 11/08/2022

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
156	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Impact Value	IS 2386 Part-4
157	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Soundness	IS 2386 Part-5
158	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates, Fine Aggregates	Bulk Density	IS 2386 Part-3
159	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates, Fine aggregates	Deleterious materials (iii) Clay and lumps	IS 2386 Part-2
160	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates, Fine aggregates	Deleterious materials (i) material finer than 75µ IS Sieve	IS 2386 Part-2
161	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates,Fine aggregates	Deleterious materials (ii) Coal and lignite	IS 2386 Part-2
162	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates,Fine aggregates	Specific gravity	IS 2386 Part-3
163	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates/Fine aggregates	Sieve analysis	IS 2386 Part-1
164	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates/Fine aggregates	Water absorption	IS 2386 Part-3
165	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block/Inter-locking tiles	Abrasion resistance	IS 15658
166	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block/Inter-locking tiles	Arris/Chamfer	IS 15658
167	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block/Inter-locking tiles	Compressive strength	IS 15658
168	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block/Inter-locking tiles	Dimensions -Length, Width & Height	IS 15658
169	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block/Inter-locking tiles	Flexural strength	IS 15658
170	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block/Inter-locking tiles	Plan Area	IS15658
171	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block/Inter-locking tiles	Tensile splitting strength	IS 15658
172	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block/Inter-locking tiles	Thickness of wearing layer	IS 15658
173	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block/Inter-locking tiles	Water absorption	IS 15658

SCOPE OF ACCREDITATION

Laboratory Name : BALAJI SCIENTIFIC LABORATORIES, 2K-18, N.I.T, FARIDABAD, HARYANA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5031 **Page No** 10 of 18
Validity 29/04/2022 to 28/04/2024 **Last Amended on** 11/08/2022

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
174	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulking of sand	IS 2386 Part-3
175	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Silt Content	Appendix D Cl. 3.1.4.2 CPWD Book Vol. II
176	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727
177	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Blaine air permeability	IS 1727
178	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Sieve analysis at 45 micron	IS 1727
179	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Soundness	IS 1727
180	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific Gravity	IS 1727
181	MECHANICAL- BUILDINGS MATERIALS	GSB/WMM/WBM (Non-bituminous), BM/DBM/BC (Bituminous)	Soundness	IS 2386(Part-5)
182	MECHANICAL- BUILDINGS MATERIALS	GSB/WMM/WBM (Non-bituminous), DBM/BM/BC (Bituminous)	Water Absorption	IS 2386(Part-3)
183	MECHANICAL- BUILDINGS MATERIALS	GSB/WMM/WBM/Screening material(Non-Bituminous),CTSB, BM/BC/DBM/SDBC/ Pre-mix/SMA(Bituminous)	Sieve analysis	IS2386(Part-1)
184	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive strength	IS 516
185	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	split tensile strength	IS 516 Part 1 sec 1
186	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete/Admixture	Compressive Strength of concrete	IS 516 Part 1 Sec 1
187	MECHANICAL- BUILDINGS MATERIALS	Hardness Concrete/Admixture	Flexural Strength	IS 516 Part 1 Sec 1
188	MECHANICAL- BUILDINGS MATERIALS	Micro silica	Compressive Strength	IS 1727
189	MECHANICAL- BUILDINGS MATERIALS	Micro silica	Sieve analysis at 45 micron	IS 1727
190	MECHANICAL- BUILDINGS MATERIALS	Non-bituminous (GSB/ WMM/WBM),Bituminous (BM/BC/ DBM)	Impact value	IS 2386(Part-4)
191	MECHANICAL- BUILDINGS MATERIALS	Non-bituminous (GSB/ WMM/WBM),Bituminous (BM/BC/ DBM)	Water absorption	IS 2386(Part-3)
192	MECHANICAL- BUILDINGS MATERIALS	Pressed Ceramic Tiles	Breaking strength	IS 13630 Part-6

SCOPE OF ACCREDITATION

Laboratory Name : BALAJI SCIENTIFIC LABORATORIES, 2K-18, N.I.T, FARIDABAD, HARYANA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5031 **Page No** 11 of 18
Validity 29/04/2022 to 28/04/2024 **Last Amended on** 11/08/2022

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
193	MECHANICAL- BUILDINGS MATERIALS	Pressed Ceramic Tiles	Flatness	IS 13630 Part-1
194	MECHANICAL- BUILDINGS MATERIALS	Pressed ceramic tiles	Modulus of rupture	IS 13630 Part 6
195	MECHANICAL- BUILDINGS MATERIALS	Pressed Ceramic Tiles	Perpendicularity/Rectangularity	IS 13630 Part-1
196	MECHANICAL- BUILDINGS MATERIALS	Pressed Ceramic Tiles	Scratch Hardness	IS 13630 Part -13
197	MECHANICAL- BUILDINGS MATERIALS	Pressed Ceramic Tiles	Straightness	IS 13630 Part-1
198	MECHANICAL- BUILDINGS MATERIALS	Pressed Ceramic Tiles	Water Absorption	IS 13630 Part-2
199	MECHANICAL- BUILDINGS MATERIALS	Water Proofing compound	Compressive strength (a) 72±1 h, (b) 168±2 h (c) 672±4 h	IS 4031(Part-6)
200	MECHANICAL- BUILDINGS MATERIALS	Water proofing compound	Setting time (b) Final	IS 4031(Part-5)
201	MECHANICAL- BUILDINGS MATERIALS	Water proofing compound	Setting time(a) initial	IS 4031(Part-5)
202	MECHANICAL- BUILDINGS MATERIALS	WBM/WMM (Non-bituminous), BM/DBM/BC (Bituminous)	Elongation index	IS 2386(Part-1)
203	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium section/Products	Elongation at break	IS 1608 Part-1
204	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium section/Products	Tensile Strength	IS 1608 Part-1
205	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium section/Products	Weight/meter	IS 1948
206	MECHANICAL- MECHANICAL PROPERTIES OF METALS	CI Pipes/Ductile iron pressure pipe & Fittings	Dimensions -External diameter/ Wall Thickness	IS 8329
207	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Crush barrier beam, Spacer & Post/ Dowel bar	Dimensions (Diameter, Length, Width & Thickness)	IS 1852
208	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Dowel bar/Structural steel/Crush beam barrier/MS plate	Mass	IS 808

SCOPE OF ACCREDITATION

Laboratory Name : BALAJI SCIENTIFIC LABORATORIES, 2K-18, N.I.T, FARIDABAD, HARYANA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5031 **Page No** 12 of 18
Validity 29/04/2022 to 28/04/2024 **Last Amended on** 11/08/2022

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
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Galvanized Steel Barbed wire	Mass	IS 6006
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	GI Pipe/MS pipe/Steel tubes	Dimensions (Outside diameter, wall thickness)	IS 1239 Part-1
211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	GI Pipe/MS pipe/Steel tubes	Mass	IS 1239 Part-1
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	GI Pipe/MS pipe/Steel tubes/Hollow pipe	Flattening test	IS 2328
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HSD Steel & Wire/ Crush Barrier Beam & Post/Steel Tube, Tublar & Other Wrought Steel Fittings/ Hot Rolled Medium & High Tensile Structural Steel/Barbed Wire/ Dowel bar/GI Pipe/MS Pipe/MS/Plate/Hollow Pipe/ Ducting sheet/Fall ceiling frame/SS Plate, Sheet & Strip/Steel tube for mechanical & general engineer purpose	Elongation % at break	IS 1608 Part-1
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HSD Steel & Wire/ Crush Barrier Beam & Post/Steel Tube, Tublar & Other Wrought Steel Fittings/ Hot Rolled Medium & High Tensile Structural Steel/Galvanized Steel Barbed Wire/ Dowel bar/GI Pipe/MS Pipe/MS/Plate/Hollow Pipe/ Ducting sheet/Fall ceiling frame/SS Plate, Sheet & Strip/Reinforcement couplers/Indented wire for pre-stressed concrete/Steel Fibre/Steel tube for mechanical & general engineer purpose/ Steel wire rope/Plain hard drawn steel wire for pre-stressed concrete/Strand Wire/Wire mesh gabions/HS Bolts,Screw,Studs	Tensile strength/Breaking Load	IS 1608 Part-1
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HSD Steel & Wire/ Crush Barrier Beam & Post/Steel Tube, Tublar & Other Wrought Steel Fittings/ Hot Rolled Medium & High Tensile Structural Steel/Galvanized Steel Barbed wire/ Dowel bar/GI Pipe/MS Pipe/MS/Plate/Hollow Pipe/ Ducting sheet/Fall ceiling frame/SS Plate, Sheet & Strip/Steel tube for mechanical & general engineer purpose	Yield Stress/Yield Strength/0.2% Proof Stress	IS 1608 Part-1
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HSD Steel bar & wire /Dowel bar/Structural steel/Crush barrier beam/MS plate	Bend test	IS 1599
217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HSD Steel bars & wires	Mass per meter	IS 1786
218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HSD Steel bars & wires	Rebend test	IS 1786

SCOPE OF ACCREDITATION

Laboratory Name : BALAJI SCIENTIFIC LABORATORIES, 2K-18, N.I.T, FARIDABAD, HARYANA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5031 **Page No** 13 of 18
Validity 29/04/2022 to 28/04/2024 **Last Amended on** 11/08/2022

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
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel tubes	Hydrostatic Pressure	IS 1239 Part-1
220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes/Steel Tube for Mechanical & General Engineering Purpose/GI Pipe	Flattening test	IS 2328
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Strand wire	Diameter	IS 14268
222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Strand wire	Length of lay	IS 14268
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Strand wire	Nominal cross-sectional area	IS 14268
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Strand wire	Nominal Mass	IS 14268
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire mesh gabions/Lace wire/Rope fall netting/ Revet mattresses	Dimensions	IS 16014
226	MECHANICAL- SOIL AND ROCK	GSB, WMM, Blanket Material,	Water content	IS 2720(Part-2)
227	MECHANICAL- SOIL AND ROCK	Marble (Blocks, Slabs & Tiles)	Dimensions -Length, Width, Thickness	IS 1130
228	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Apparent Specific gravity	IS 1124
229	MECHANICAL- SOIL AND ROCK	Natural building Stone	Transverse Strength	IS 1121 Part-2
230	MECHANICAL- SOIL AND ROCK	Natural Building Stone	True Specific gravity	IS 1122
231	MECHANICAL- SOIL AND ROCK	Natural Building Stones	Compressive Strength	IS 1121 Part-1
232	MECHANICAL- SOIL AND ROCK	Natural Building Stones	Water absorption	IS 1124
233	MECHANICAL- SOIL AND ROCK	Polished Building Stone - Granite	Dimensions -Length, breadth & Thickness	IS 14223 Part-1
234	MECHANICAL- SOIL AND ROCK	Sand stone (Slabs & Tiles)	Dimensions -Length, Breadth, Thickness	IS 3622

SCOPE OF ACCREDITATION

Laboratory Name : BALAJI SCIENTIFIC LABORATORIES, 2K-18, N.I.T, FARIDABAD, HARYANA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5031 **Page No** 14 of 18
Validity 29/04/2022 to 28/04/2024 **Last Amended on** 11/08/2022

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
235	MECHANICAL- SOIL AND ROCK	Soil	Water content	IS 2720 Part-2
236	MECHANICAL- SOIL AND ROCK	Soil, Fly ash, GSB, WMM, Blanket Material, Bentonite	Atterberg's limit -Plastic limit	IS 2720 part-5
237	MECHANICAL- SOIL AND ROCK	Soil, Pond ash	Proctor compaction test- Light compaction OMC	IS 2720 Part-7
238	MECHANICAL- SOIL AND ROCK	Soil, Pond ash, GSB, WMM, Blanket Material	California Bearing Ratio Value	IS 2720 Part-16
239	MECHANICAL- SOIL AND ROCK	Soil, Pond ash, GSB, WMM, Blanket Material	Direct shear test -C- value	IS 2720 Part-13
240	MECHANICAL- SOIL AND ROCK	Soil, Pond ash, GSB, WMM, Blanket Material	Direct shear test- -Phi Value	IS 2720 Part-13
241	MECHANICAL- SOIL AND ROCK	Soil, Pond ash, GSB, WMM, Blanket Material	Proctor compaction test- Heavy compaction-MDD	IS 2720 Part-8
242	MECHANICAL- SOIL AND ROCK	Soil, Pond ash, GSB, WMM, Blanket Material	Proctor compaction test- Heavy compaction-OMC	IS 2720 Part-8
243	MECHANICAL- SOIL AND ROCK	Soil, Pond ash, GSB, WMM, Blanket Material	Proctor compaction test- Light compaction-MDD	IS 2720 Part-7
244	MECHANICAL- SOIL AND ROCK	Soil, Pond ash, GSB, WMM, Blanket Material, Bentonite	Atterberg's limits -Liquid limit	IS 2720 Part-5
245	MECHANICAL- SOIL AND ROCK	Soil, Pond ash, GSB, WMM, Blanket Material, Bentonite	Free swell index	IS 2720 Part-40
246	MECHANICAL- SOIL AND ROCK	Soil, Pond ash, GSB, WMM, Blanket Material, Bentonite	Grain size analysis	IS 2720 Part-2
247	MECHANICAL- SOIL AND ROCK	Soil, Pond ash, GSB, WMM, Blanket Material, Bentonite	Moisture content	IS 2720 Part-2
248	MECHANICAL- SOIL AND ROCK	Soil,Pond ash, GSB, WMM, Blanket Material, Bentonite	Specific gravity	IS 2720 Part-3/Sec-1
249	MECHANICAL- SOIL AND ROCK	Structural granite	Dimensions -Length, breadth & thickness	IS 3316
250	MECHANICAL- SOIL AND ROCK	Sub Base (Non-Bituminous) GSB, WMM, WBM, Stone Metal	Atterberg's Limits -Liquid limit	IS 2720 Part-5
251	MECHANICAL- SOIL AND ROCK	Sub Base (Non-Bituminous) GSB, WMM, WBM, Stone Metal	Atterberg's Limits -Plastic limit	IS 2720 Part-5
252	MECHANICAL- SOIL AND ROCK	Sub Base (Non-Bituminous) GSB, WMM, WBM, Stone Metal	CBR value	IS 2720 Part-16
253	MECHANICAL- SOIL AND ROCK	Sub Base (Non-Bituminous) GSB, WMM, WBM, Stone Metal	Heavy Compaction -Maximum dry density	IS 2720 Part-8

SCOPE OF ACCREDITATION

Laboratory Name : BALAJI SCIENTIFIC LABORATORIES, 2K-18, N.I.T, FARIDABAD, HARYANA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5031 **Page No** 15 of 18
Validity 29/04/2022 to 28/04/2024 **Last Amended on** 11/08/2022

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
254	MECHANICAL- SOIL AND ROCK	Sub Base (Non-Bituminous) GSB, WMM, WBM, Stone Metal	Heavy Compaction -Optimum moisture content	IS 2720 Part-8
255	MECHANICAL- WOOD AND WOOD PRODUCTS	Door Shutter	General flatness test	IS 4020 part-3
256	MECHANICAL- WOOD AND WOOD PRODUCTS	Door Shutters	Dimensions-Length, Width, Thickness	IS 4020 Part-2
257	MECHANICAL- WOOD AND WOOD PRODUCTS	Door Shutters	End immersion test	IS 4020 Part-13
258	MECHANICAL- WOOD AND WOOD PRODUCTS	Door Shutters	Glue adhesion	IS 4020 Part-15
259	MECHANICAL- WOOD AND WOOD PRODUCTS	Door Shutters	Impact indentation test	IS 4020 Part-5
260	MECHANICAL- WOOD AND WOOD PRODUCTS	Door Shutters	Knife Test	IS 4020 Part-14
261	MECHANICAL- WOOD AND WOOD PRODUCTS	Door shutters	Local planeness test	IS 4020 Part-4
262	MECHANICAL- WOOD AND WOOD PRODUCTS	Door Shutters	Squareness	IS 4020 Part-2
263	MECHANICAL- WOOD AND WOOD PRODUCTS	Marine Plywood	Dimension (length, width & thickness)	IS 707
264	MECHANICAL- WOOD AND WOOD PRODUCTS	Ply board	Dimension(length,width& thickness)	IS;1734 Part-1
265	MECHANICAL- WOOD AND WOOD PRODUCTS	Ply board	Moisture content	IS 1734 Part-1
266	MECHANICAL- WOOD AND WOOD PRODUCTS	Plyboard	Density	IS 1734 Part-1
267	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood for Concrete Shuttering works	Dimension (Length, width & Thickness)	IS 4990
268	MECHANICAL- WOOD AND WOOD PRODUCTS	Prelaminated particle Boards	Density	IS 2380 Part-3
269	MECHANICAL- WOOD AND WOOD PRODUCTS	Prelaminated particle Boards	Dimensions(Length, width & thickness)	IS 12835
270	MECHANICAL- WOOD AND WOOD PRODUCTS	Prelaminated particle Boards	Water Absorption	IS 2380 Part-16
271	MECHANICAL- WOOD AND WOOD PRODUCTS	Prelaminated particle Boards	Water Absorption	IS 2380 Part-3
272	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber/Wood	Moisture content	IS 1708 Part-1

SCOPE OF ACCREDITATION

Laboratory Name :	BALAJI SCIENTIFIC LABORATORIES, 2K-18, N.I.T, FARIDABAD, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5031	**Page No**	16 of 18
Validity	29/04/2022 to 28/04/2024	**Last Amended on**	11/08/2022

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
273	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood/Timber	Density/Specific gravity	IS 1708 Part-2

SCOPE OF ACCREDITATION

Laboratory Name : BALAJI SCIENTIFIC LABORATORIES, 2K-18, N.I.T, FARIDABAD, HARYANA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5031 **Page No** 17 of 18
Validity 29/04/2022 to 28/04/2024 **Last Amended on** 11/08/2022

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
LOCATION 1-2K-18, N.I.T, FARIDABAD, HARYANA, INDIA Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Field Dry Density-Core Cutter Method	IS 2720 Part-29
2	MECHANICAL- SOIL AND ROCK	Soil, GSB, WMM, WBM	Field Dry Density-Sand Replacement Method	IS 2720 Part-28
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Bituminous /Concrete road section	Bridge Load Test	IRC SP 51 Ministry of Road Transport & Highway
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Rebound hammer	IS 516 Part-5/Sec-4
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Ultrasonic Pulse Velocity	IS 516 Part-5/Sec-1

SCOPE OF ACCREDITATION

Laboratory Name : BALAJI SCIENTIFIC LABORATORIES, 2K-18, N.I.T, FARIDABAD, HARYANA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5031 **Page No** 18 of 18
Validity 29/04/2022 to 28/04/2024 **Last Amended on** 11/08/2022

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
LOCATION 2 - 2K-46, B.P, N.I.T, FARIDABAD, HARYANA, INDIA Permanent Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Admixture	Air Content	IS 1199 Part 4
2	MECHANICAL- BUILDINGS MATERIALS	Admixture	Bleeding	IS 9103
3	MECHANICAL- BUILDINGS MATERIALS	Admixtures	Slump	IS 9103
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix Material	Marshal Flow	MS-2 7 Edition
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen mix Material	Marshal Stability	MS-2 7 Edition
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix Materials	Marshal Flow	ASTM D 6927
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix Materials	Marshal Stability	ASTM D6927
8	MECHANICAL- BUILDINGS MATERIALS	Cement concrete flooring tiles	Resistance to Wear	IS 1237
9	MECHANICAL- BUILDINGS MATERIALS	Cement concrete flooring tiles	Thickness of Wearing Layer	IS 1237
10	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Resistance to Wear	IS 13801
11	MECHANICAL- BUILDINGS MATERIALS	Chequered cement concrete tiles	Thickness of wearing Layer	IS 13801
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Stripping Value	IS 6241
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates, BM/BC/DBM (Bituminous), GSB/WMM (Non-Bituminous)	LA Abrasion Value	IS 2386 Part-4
14	MECHANICAL- BUILDINGS MATERIALS	Concrete Paver Block/Inter-locking tiles	Visual inspection	IS 15658
15	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Density	IS 1199 Part 3
16	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Test	IS 1199 Part 2