National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SCIENTIFIC INFRA GEOINVESTIGATION LAB, PLOT NO. 2, DC ENCLAVE, MAIN WAZIRPUR ROAD, FARIDABAD, HARYANA, INDIA

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride Content	IS 9103 & IS 6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH Value	IS: 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Aggregate	Alkali Aggregate Reactivity (Chemical Method) 1. Reduction in alkalinity	IS 2386 (Pt-7)
7	CHEMICAL- BUILDING MATERIAL	Aggregate	Alkali Aggregate Reactivity (Chemical Method) 2. Dissolved Silica	IS 2386 (Pt-7)
8	CHEMICAL- BUILDING MATERIAL	Aggregate	Organic Impurities	IS 2386 (P 2)
9	CHEMICAL- BUILDING MATERIAL	Bitumen	Solubility in Trichloroethylene	IS 1216
10	CHEMICAL- BUILDING MATERIAL	Bitumen Emulsion	Solubility in Trichloroethylene	IS 1216
11	CHEMICAL- BUILDING MATERIAL	Cement OPC, PPC	Aluminium Oxide	IS 4032 Cl 4.6.1
12	CHEMICAL- BUILDING MATERIAL	Cement OPC, PPC	Calcium Oxide	IS 4032 Cl 4.7.2
13	CHEMICAL- BUILDING MATERIAL	Cement OPC, PPC	Chloride	IS 4032 & IS 6925
14	CHEMICAL- BUILDING MATERIAL	Cement OPC, PPC	Insoluble Residue	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement OPC, PPC	Iron Oxide	IS 4032 Cl. 4.5.2
16	CHEMICAL- BUILDING MATERIAL	Cement OPC, PPC	Loss on Ignition	IS 4032
17	CHEMICAL- BUILDING MATERIAL	Cement OPC, PPC	Magnesium Oxide	IS 4032 Cl 4.8.1 & 4.8.2

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18	CHEMICAL- BUILDING MATERIAL	Cement OPC, PPC	Silica	IS 4032
19	CHEMICAL- BUILDING MATERIAL	Cement OPC, PPC	Sulphuric Anhydride as SO3	IS 4032
20	CHEMICAL- BUILDING MATERIAL	Fly Ash	Alumina Oxide	IS 1727
21	CHEMICAL- BUILDING MATERIAL	Fly Ash	Calcium Oxide	IS 1727
22	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chloride	IS 1727
23	CHEMICAL- BUILDING MATERIAL	Fly Ash	Iron Oxide	IS 1727
24	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss on ignition	IS 1727
25	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesium Oxide	IS 1727
26	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica	IS 1727
27	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphuric Anhydride as SO3	IS 1727
28	CHEMICAL- BUILDING MATERIAL	Plaster of Paris/ Gypsum	Calcium Oxide as CaO	IS 1288 Cl 10
29	CHEMICAL- BUILDING MATERIAL	Plaster of Paris/ Gypsum	Loss on Ignition	IS 2547 (P-1) Appendix-B
30	CHEMICAL- BUILDING MATERIAL	Plaster of Paris/ Gypsum	Soluble Magnesium Salt as MgO	IS 2547 (P-1) Appendix-A, IS 1288 Cl 11
31	CHEMICAL- BUILDING MATERIAL	Plaster of Paris/ Gypsum	Sulphur Trioxide as SO3	IS 1288 Cl-12
32	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Macro Examination Copper, MS, SS	Macro Examination Visual & Magnifying Glass	ASME section 9, IS 13015, IS 13484
33	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metals Coating	Anodic Coating	IS 5523
34	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metals Coating	Mass of Zinc Coating	IS 6745

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35	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metals Coating	Uniformity of Coating	IS 2633
36	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Paint & Surface Coating	Powder Coating	IS101 Part 3 Section 2
37	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	IS 228 (P-1)
38	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon Equivalent	IS 1786
39	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	IS 228 (P-2)
40	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorous	IS 228 (P-3)
41	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	IS 228 (P-8)
42	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	IS 228 (P-9)
43	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 228 (P-1)
44	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 228 (P-6)
45	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 228 (P-2)
46	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (P-5)
47	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 228 (P-3)
48	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 228 (P-8)
49	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 228 (P-9)
50	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent / Sewage / Waste Water	Chemical Oxygen Demand (COD)	IS 3025 (P-58)
51	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent / Sewage / Waste Wate	Sulphate	IS 3025 Part-24
52	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent / Sewage / Waste Water	Acidity	IS 3025 Part-22

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53	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent / Sewage / Waste Water	Biological Oxygen Demand (BOD), 3 days at 27°C	IS 3025 (P-44)
54	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent / Sewage / Waste Water	Dissolved Oxygen	IS 3025 (Part 38)
55	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent / Sewage / Waste Water	Oil & Grease	IS 3025 (P-39)
56	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent / Sewage / Waste Water	pH	IS 3025 (P-11)
57	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent / Sewage / Waste Water	Suspended Matter	IS 3025 (P-17)
58	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent / Sewage / Waste Water	Total Kjeldahl Nitrogen (as NH3-N)	IS 3025 Part-34
59	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent / Sewage / Waste Water	Total Residue	IS 3025 Part-15
60	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent / Sewage / Waste Water	Total suspended Solids, Non-filterable residue	IS 3025 Part- 17
61	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent / Sewage / Waste Water	Volatile and Fixed Residue	IS 3025 Part-18
62	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Electrical Conductivity	IS 14767
63	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Organic Matter	IS 2720 (P-22) Section 1
64	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	pH	IS 2720 (P-26)
65	CHEMICAL- SOIL AND ROCK	Soil	Electrical Conductivity	IS 14767
66	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 P-22 (section 1)
67	CHEMICAL- SOIL AND ROCK	Soil	pH	IS 2720 P-26
68	CHEMICAL- SOIL AND ROCK	Soil	Silica	IS 2720 (P-25)
69	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Solids	IS 2720 (Part 21)
70	CHEMICAL- SOIL AND ROCK	Soil	Water Soluble Sulphates	IS 2720 P-27
71	CHEMICAL- SOIL AND ROCK	Soil Testing	Calcium Carbonates	IS 2720 (P-23)

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72	CHEMICAL- SOIL AND ROCK	Soil Testing	Total Nitrogen	IS 14684
73	CHEMICAL- WATER	Construction water	Acidity 0.02N NaOH	IS 3025 (P-22)
74	CHEMICAL- WATER	Construction water	Alkalinity 0.02N H2SO4	IS 3025 (P-23)
75	CHEMICAL- WATER	Construction water	Chloride as Cl	IS 3025 (P-32)
76	CHEMICAL- WATER	Construction water	In-organic solids	IS 3025 (P-16)
77	CHEMICAL- WATER	Construction water	Organic Solids	IS 3025 (P-16)
78	CHEMICAL- WATER	Construction water	pH	IS 3025 (P-11)
79	CHEMICAL- WATER	Construction water	Sulphate as SO3	IS 3025 (P-24)
80	CHEMICAL- WATER	Construction water	Suspended Matter	IS 3025 (P-17)
81	CHEMICAL- WATER	Drinking water / Borewell water	Alkalinity	IS 3025 (P-23)
82	CHEMICAL- WATER	Drinking water / Borewell water	Calcium as Ca	IS 3025 (P-40)
83	CHEMICAL- WATER	Drinking water / Borewell water	Chloride as Cl	IS 3025 (P-32)
84	CHEMICAL- WATER	Drinking water / Borewell water	Colour	IS 3025 (P-4)
85	CHEMICAL- WATER	Drinking water / Borewell water	Fluoride as F	IS 3025 (P-40)
86	CHEMICAL- WATER	Drinking water / Borewell water	Free Residual Chlorine	IS 3025 (P-26)
87	CHEMICAL- WATER	Drinking water / Borewell water	Magnesium as Mg	IS 3025 (P-46)
88	CHEMICAL- WATER	Drinking water / Borewell water	Odour	IS:3025(P-5)
89	CHEMICAL- WATER	Drinking water / Borewell water	pH	IS 3025 (P-11)
90	CHEMICAL- WATER	Drinking water / Borewell water	Specific Conductivity	IS 3025 (P-14)
91	CHEMICAL- WATER	Drinking water / Borewell water	Sulphate as SO4	IS 3025 (P-24)
92	CHEMICAL- WATER	Drinking water / Borewell water	Total Dissolved Solid	IS 3025 (P-16)
93	CHEMICAL- WATER	Drinking water / Borewell water	Total Hardness as CaCO3	IS 3025 (P-21)
94	CHEMICAL- WATER	Drinking water / Borewell water	Total Iron as Fe	IS 3025 (P-53)
95	CHEMICAL- WATER	Drinking water / Borewell water	Turbidity	IS 3025 (P-10)
96	CHEMICAL- WATER	Drinking Water/Borewell Water	Taste	IS 3025 (Part 7 & 8)
97	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Bulk Density	IS 6441 (Part 1)
98	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Compressive Strength	IS 6441 (Part 5)
99	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Moisture Content	IS 6441 (Part 1)

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100	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 Part-2
101	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Bitumen Content	IRC SP11/ ASTM D 2172
102	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
103	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point	IS 1209
104	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206 Part-3
105	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
106	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
107	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202 1978, RA
108	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Stripping Value	IS 6241
109	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600 Micron Sieve	IS 8887 (Annex. B)
110	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by Ford Cup	IS 1206 (Part 1)
111	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Bitumen content	ASTM D 2172-
112	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Flow Test	ASTM D 6927-
113	MECHANICAL- BUILDINGS MATERIALS	Bitumen Mix	Marshal Stability	ASTM D 6927-
114	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Compressive Strength	IS 4031 (Part-6)
115	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Consistency	IS 4031 (Part-4)
116	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Density	IS 4031 (Part-11)
117	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Final Settings Time	IS 4031 (Part-5)
118	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Fineness By Dry Sieving	IS 4031 (Part-1)

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119	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Fineness Test By- Blain's Air Permeability	IS 4031 (Part-2)
120	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Initial Setting Time	IS 4031 (Part-5)
121	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Soundness by Autoclave Expansion	IS 4031 (Part-3)
122	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Soundness by Le-chatelier Expansion	IS 4031 (Part-3)
123	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension - Length	IS 1237
124	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension - Width	IS 1237
125	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension -Height	IS 1237
126	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Scratch Hardness (by Mohs' scale)	IS 13630 (Part 13)
127	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS 1237 Annexure E
128	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Resistance to Acid	IS 13630 (Part 7)
129	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Resistance to Alkalis	IS 13630 (Part 7)
130	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Resistance to house hold chemicals	IS 13630 (Part 7)
131	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Resistance to pool salt	IS 13630 (Part 7)
132	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Scratch Hardness (by Mohs' scale)	IS 13630 (Part 13)
133	MECHANICAL- BUILDINGS MATERIALS	Chequered /Terrazocement Concrete Tiles	Dimension - Length	IS 15622
134	MECHANICAL- BUILDINGS MATERIALS	Chequered/Terrazocement Concrete Tiles	Dimension -Thickness	IS 15622
135	MECHANICAL- BUILDINGS MATERIALS	Chequered/Terrazocement Concrete Tiles	Dimension -Width	IS 15622
136	MECHANICAL- BUILDINGS MATERIALS	Clay Burnt Bricks	Compressive Strength	IS 3495 (Part 1)
137	MECHANICAL- BUILDINGS MATERIALS	Clay Burnt Bricks	Dimension- Length	IS 1077

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138	MECHANICAL- BUILDINGS MATERIALS	Clay Burnt Bricks	Dimension- Width	IS 1077
139	MECHANICAL- BUILDINGS MATERIALS	Clay Burnt Bricks	Dimension-Height	IS 1077
140	MECHANICAL- BUILDINGS MATERIALS	Clay Burnt Bricks	Efflorescence	IS 3495 (Part 3)
141	MECHANICAL- BUILDINGS MATERIALS	Clay Burnt Bricks	Water Absorption	IS 3495 (Part 2)
142	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 (Part 4)
143	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS 2386 (Part 4)
144	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
145	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Clay Lumps	IS 2386 (Part 2)
146	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Coal & Lignite	IS 2386 (Part 2)
147	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
148	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
149	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
150	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angles Abrasion Value	IS 2386 (Part 4)
151	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Material Finer than 75 µm	IS 2386 (Part 1)
152	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Moisture Content	IS 2386 (Part 3)
153	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 (Part 1)
154	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (MgSO4)	IS 2386 (Part 5)
155	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (Na2SO4)	IS 2386 (Part 5)
156	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)

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157	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
158	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
159	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Clay Lumps	IS 2386 (Part 2)
160	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Coal & Lignite	IS 2386 (Part 2)
161	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 µm	IS 2386 (Part 1)
162	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Moisture Content	IS 2386 (Part 3)
163	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS 2386 (Part 2)
164	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (Part 1)
165	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Magnesium Sulphate (MgSO4)	IS 2386 (Part 5)
166	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Sodium Sulphate (Na2SO4)	IS 2386 (Part 5)
167	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
168	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
169	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727
170	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Drying Shrinkage	IS 1727
171	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Final Setting Time	IS 1727
172	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Blaine's method	IS 1727
173	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by wet sieving	IS 1727
174	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Initial Setting Time	IS 1727
175	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Lime Reactivity	IS 1727

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176	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Material Retained on 45 micron IS Sieve	IS 1727
177	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by Autoclave Expansion	IS 1727
178	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by Le-chatelier Expansion	IS 1727
179	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS 1727
180	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Lime Bricks	Dimension-Height	IS 12894
181	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Lime Bricks	Dimension-Length	IS 12894
182	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Lime Bricks	Compressive Strength	IS 3495 (Part 1)
183	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Lime Bricks	Dimension-Width	IS 12894
184	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Lime Bricks	Efflorescence	IS 3495 (Part 3)
185	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Lime Bricks	Water Absorption	IS 3495 (Part 2)
186	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Compaction Factor	IS 1199
187	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Compressive Strength of accelerated cured concrete	IS 9013
188	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Test	IS 1199
189	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength of concrete cube/core	IS 516
190	MECHANICAL- BUILDINGS MATERIALS	Kerb Stone	Compressive Strength	IS 516
191	MECHANICAL- BUILDINGS MATERIALS	Kerb Stone	Dimension - Length	IS 5758
192	MECHANICAL- BUILDINGS MATERIALS	Kerb Stone	Dimension - Width	IS 5758
193	MECHANICAL- BUILDINGS MATERIALS	Kerb Stone	Dimension -Height	IS 5758
194	MECHANICAL- BUILDINGS MATERIALS	Kerb Stone	Water Absorption	IS 5758 Appendix B

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
195	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658 Annex-E
196	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension-Height	IS 15658 Annex-B
197	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension-Length	IS 15658 Annex-B
198	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension-Width	IS 15658 Annex-B
199	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658 Annex-C
200	MECHANICAL- BUILDINGS MATERIALS	Stone	Compressive Strength	IS 1121 (Part 1)
201	MECHANICAL- BUILDINGS MATERIALS	Stone	Hardness (Mho's Scale)	IS 13630 (Part-13)
202	MECHANICAL- BUILDINGS MATERIALS	Stone	Specific Gravity	IS 1124
203	MECHANICAL- BUILDINGS MATERIALS	Stone	Water Absorption	IS 1124
204	MECHANICAL- BUILDINGS MATERIALS	Wood	Density	IS 1708
205	MECHANICAL- BUILDINGS MATERIALS	Wood	Moisture Content	IS 1708
206	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Bar for Concrete Reinforcement	% Elongation	IS 1608, IS 1786
207	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Bar for Concrete Reinforcement	Bend Test	IS 1599-2012, IS 1786
208	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Bar for Concrete Reinforcement	Mass per Meter	IS 1786
209	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Bar for Concrete Reinforcement	Re-bend Test	IS 1786
210	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Bar for Concrete Reinforcement	Ultimate Tensile Strength	IS 1608, IS 1786
211	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Bar for Concrete Reinforcement	Yield Stress	IS 1608, IS 1786

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
212	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
213	MECHANICAL- SOIL AND ROCK	Soil	Dry Density- Core Cutting Method	IS 2720 (Part 29)
214	MECHANICAL- SOIL AND ROCK	Soil	Dry Density- Sand Replacement Method	IS 2720 (Part 28)
215	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
216	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 (Part 4)
217	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction MDD	IS 2720 (Part 8)
218	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction OMC	IS 2720 (Part 8)
219	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction MDD	IS 2720 (Part 7)
220	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction OMC	IS 2720 (Part 7)
221	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
222	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2)
223	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
224	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3, Sec-1)
225	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Corrosion Potential Of Uncoated Reinforcing Steel	ASTM C-876
226	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Test	BS 1881 (Part 201)
227	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Concrete Cover Test	BS 1881-204 Amendment No. 1

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
228	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer Test	IS 13311 (P-II)
229	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity Test	IS 13311 (P-1)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Dry Density- Core Cutting Method	IS 2720 (Part 29)
2	MECHANICAL- SOIL AND ROCK	Soil	Dry Density- Sand Replacement Method	IS 2720 (Part 28)
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Corrosion Potential Of Uncoated Reinforcing Steel	ASTM C-876
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Test	BS 1881 (Part 201)
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Concrete Cover Test	BS 1881-204 Amendment No. 1
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer Test	IS 13311 (P-II)
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity Test	IS 13311 (P-1)