



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

OMEGALAB TESTING SERVICES PRIVATE LIMITED, 996, M.G. ROAD,
PURBASAN, HARIDVEPUR, THAKURPUKUR, KOLKATA, WEST BENGAL,
INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-13401

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Validity 28/03/2026 to 27/03/2030

Last Amended on 04/04/2026

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 Testing				
1	CHEMICAL- BUILDING MATERIAL	Admixtures for concrete, mortar and grout	Determination of water soluble chloride content	BS EN 480-10
2	CHEMICAL- BUILDING MATERIAL	Ceramic unglazed vitreous acid resisting tiles	Determination of acid resistance	IS 4457 (ANNEX G)
3	CHEMICAL- BUILDING MATERIAL	Ceramic unglazed vitreous acid resisting tiles	Determination of Chemical resistance	IS 4457 (ANNEX F)
4	CHEMICAL- BUILDING MATERIAL	Concrete	Electrical Indication of Concretes Ability to Resist Chloride Ion Penetration	ASTM C1202
5	CHEMICAL- BUILDING MATERIAL	Concrete Admixture	Ash Content	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Concrete Admixture	Dry Material Content	IS 9103
7	CHEMICAL- BUILDING MATERIAL	Concrete Admixture	pH value	IS 9103
8	CHEMICAL- BUILDING MATERIAL	Concrete Admixture	Relative Density	IS 9103
9	CHEMICAL- BUILDING MATERIAL	Concrete Admixture	Specific Gravity	ASTM C 494/C 494M
10	CHEMICAL- BUILDING MATERIAL	Concrete Admixture/ Water Proofing Compound	Chloride Content	IS 6925
11	CHEMICAL- BUILDING MATERIAL	Fly ash	Aluminum Oxide	IS 1727
12	CHEMICAL- BUILDING MATERIAL	Fly ash	Calcium Oxide	IS 1727
13	CHEMICAL- BUILDING MATERIAL	Fly ash	Chloride	IS 1727
14	CHEMICAL- BUILDING MATERIAL	Fly ash	Iron Oxide	IS 1727
15	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition	IS 1727
16	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesium oxide	IS 1727
17	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica	IS 1727
18	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphate as SO ₃	IS 1727
19	CHEMICAL- BUILDING MATERIAL	Fly ash (use as Admixture in Cement Mortar and Concrete)	Available alkali as Na ₂ O	IS 3812 : Part 2 (Annex B)



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20	CHEMICAL- BUILDING MATERIAL	Fly ash (use as Admixture in Cement Mortar and Concrete)	Moisture Content	IS 3812 : Part 2 (Annex C)
21	CHEMICAL- BUILDING MATERIAL	Fly ash (use as Admixture in Cement Mortar and Concrete)	Silicon di oxide plus Aluminium Oxide plus Iron oxide	IS 3812 (Part 2)
22	CHEMICAL- BUILDING MATERIAL	Fly ash (Use as pozzolana in cement, cement mortar and concrete)	Available alkali as Na ₂ O	IS 3812 : Part 1 (Annex C)
23	CHEMICAL- BUILDING MATERIAL	Fly ash (Use as pozzolana in cement, cement mortar and concrete)	Moisture Content	IS 3812 : Part 1 (Annex D)
24	CHEMICAL- BUILDING MATERIAL	Fly ash (Use as pozzolana in cement, cement mortar and concrete)	Reactive Silica	IS 3812 : Part 1 (Annex C)
25	CHEMICAL- BUILDING MATERIAL	Fly ash (Use as pozzolana in cement, cement mortar and concrete)	Silicon di oxide plus Aluminium Oxide plus Iron oxide	IS 3812 (Part 1)
26	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Sulphate content	BS 1881-124
27	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Alumina	IS 4032
28	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Available alkali as Na ₂ O	IS 4032
29	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Calcium Oxide	IS 4032 (by Gravimetric method as Clause 4.7.1)
30	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Chloride content	IS 4032
31	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Insoluble Residue	IS 4032
32	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Iron Oxide	IS 4032 (volumetric method as per Clause 4.5.1)
33	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Loss on Ignition	IS 4032
34	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Magnesia (as MgO)	IS 4032 (by Gravimetric method as Clause 4.8.1)
35	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Potassium Oxide	IS 4032
36	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Silica	IS 4032
37	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Sodium Oxide	IS 4032
38	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Sulphide Sulphur (as S)	IS 4032
39	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PCC)	Sulphuric Anhydride	IS 4032



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40	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Alumina	IS 4032
41	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Available alkali as Na ₂ O	IS 4032
42	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Calcium Oxide	IS 4032 (by Gravimetric method as Clause 4.7.1)
43	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Chloride content	IS 4032
44	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Iron Oxide	IS 4032 (volumetric method as per Clause 4.5.1)
45	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Loss on Ignition	IS 4032
46	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Potassium Oxide	IS 4032
47	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Silica	IS 4032
48	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Sodium Oxide	IS 4032
49	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Sulphuric Anhydride	IS 4032
50	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Alumina	IS 4032
51	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Available alkali as Na ₂ O	IS 4032
52	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Calcium Oxide	IS 4032 (by Gravimetric method as Clause 4.7.1)
53	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Chloride content	IS 4032
54	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Insoluble Residue	IS 4032
55	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Iron Oxide	IS 4032 (volumetric method as per Clause 4.5.1)
56	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Loss on Ignition	IS 4032
57	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Potassium Oxide	IS 4032
58	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Silica	IS 4032
59	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Sodium Oxide	IS 4032



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60	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Sulphuric Anhydride	IS 4032
61	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Magnesia (as Mgo)	IS 4032 (by Gravimetric method as Clause 4.8.1)
62	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Alumina	IS 4032
63	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Available alkali as Na ₂ O	IS 4032
64	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Calcium Oxide	IS 4032 (by Gravimetric method as Clause 4.7.1)
65	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Chloride content	IS 4032
66	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Insoluble Residue	IS 4032
67	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Iron Oxide	IS 4032 (volumetric method as per Clause 4.5.1)
68	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Loss on Ignition	IS 4032
69	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Magnesia (as MgO)	IS 4032 (by Gravimetric method as Clause 4.8.1)
70	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Potassium Oxide	IS 4032
71	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Ratio of percentage of alumina to that of iron oxide	IS 269 (Table 2)
72	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Ratio of percentage of lime to percentages of silica, alumina and iron oxide	IS 269 (Table 2)
73	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Silica	IS 4032
74	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Sodium Oxide	IS 4032
75	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Sulphuric Anhydride	IS 4032
76	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Tricalcium aluminate (as C3A)	IS 269 (Table 2)
77	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (OPC)	Tricalcium Silicate (as C3S)	IS 269 (Table 2)
78	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PPC)	Insoluble Residue	IS 4032
79	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Magnesia (as MgO)	IS 4032 (by Gravimetric method as Clause 4.8.1)

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80	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement (PSC)	Sulphide Sulphur (as S)	IS 4032
81	CHEMICAL- BUILDING MATERIAL	Tiles (Ceramic and Vitrified)	Chemical resistance Test (Glazed)	IS 13630 : Part 8
82	CHEMICAL- BUILDING MATERIAL	Tiles (Ceramic and Vitrified)	Chemical resistance Test (Unglazed)	IS 13630 : Part 7
83	CHEMICAL- BUILDING MATERIAL	Tiles (Ceramic and Vitrified)	Stain Test (Glazed)	IS 13630 : Part 8
84	CHEMICAL- BUILDING MATERIAL	Tiles (Ceramic and Vitrified)	Stain Test (Unglazed)	IS 13630 : Part 7
85	CHEMICAL- SOIL AND ROCK	Clays & Soils (Coarse & Fine Grained)/ Filing material	Organic Matter	IS 2720 (Part 22)
86	CHEMICAL- SOIL AND ROCK	Clays & Soils (Coarse & Fine Grained)/ Filing material	pH Value	BS 1377 (Part 3)
87	CHEMICAL- SOIL AND ROCK	Clays & Soils (Coarse & Fine Grained)/ Filing material	pH value	IS 2720 (Part 26)
88	CHEMICAL- SOIL AND ROCK	Clays & Soils (Coarse & Fine Grained)/ Filing material	Soluble Sulphate (2:1 Water-solid ratio)	BS 1377 (Part 3)
89	CHEMICAL- SOIL AND ROCK	Clays & Soils (Coarse & Fine Grained)/ Filing material	Sulphate (Acid soluble sulphate)	BS 1377 (Part 3)
90	CHEMICAL- SOIL AND ROCK	Clays & Soils (Coarse & Fine Grained)/ Filing material	Total Soluble Sulphate	IS 2720 (Part 27)
91	CHEMICAL- SOIL AND ROCK	Clays & Soils (Coarse & Fine Grained)/ Filing material	Water soluble chloride (water extract)	BS 1377 (Part 3)
92	CHEMICAL- WATER	Alkalinity (To neutralize 100 ml sample of water, using mixed indicator)	Alkalinity	IS 3025 (Part 23)
93	CHEMICAL- WATER	Borewell water	Acidity	IS 3025 (Part 22)
94	CHEMICAL- WATER	Borewell water	Alkalinity	IS 3025 (Part 23)
95	CHEMICAL- WATER	Borewell water	Chloride	IS 3025 (Part 32)
96	CHEMICAL- WATER	Borewell water	Filterable Residue (TDS) @ 180 °C	IS 3025 (Part 16)
97	CHEMICAL- WATER	Borewell water	Non Filterable Residue (TSS) @ 103 °C to 105 °C	IS 3025 (Part 17)
98	CHEMICAL- WATER	Borewell water	pH value	IS 3025 (Part 11)
99	CHEMICAL- WATER	Borewell water	Sulphates	IS 3025 (Part 24, Sec 1)
100	CHEMICAL- WATER	Borewell water	Total Inorganic Solids	IS 3025 (Part 18)
101	CHEMICAL- WATER	Borewell water	Total organic Solids	IS 3025 (Part 18)



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102	CHEMICAL- WATER	Construction Water	Acidity (To neutralize 100 ml sample of water, using phenolphthalein as an indicator)	IS 3025 (Part 22)
103	CHEMICAL- WATER	Construction Water	Chloride	IS 3025 (Part 32)
104	CHEMICAL- WATER	Construction Water	Filterable Residue (TDS) @180 °C	IS 3025 (Part 16)
105	CHEMICAL- WATER	Construction Water	Non Filterable Residue (TSS) @ 103°C to 105 °C	IS 3025 (Part 17)
106	CHEMICAL- WATER	Construction Water	pH value	IS 3025 (Part 11)
107	CHEMICAL- WATER	Construction Water	Sulphates	IS 3025 (Part 24, Sec 1)
108	CHEMICAL- WATER	Construction Water	Total Inorganic Solids	IS 3025 (Part 18)
109	CHEMICAL- WATER	Construction Water	Total organic Solids	IS 3025 (Part 18)
110	CHEMICAL- WATER	Drinking Water	Aluminium (as Al)	APHA 24th Edition 3500-Al-B
111	CHEMICAL- WATER	Drinking Water	Ammonia (as total ammonia - N)	APHA 24th Edition 4500-NH3-F
112	CHEMICAL- WATER	Drinking Water	Calcium	APHA 24th Edition 3500-Ca-B
113	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part 32)
114	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
115	CHEMICAL- WATER	Drinking Water	Conductivity	IS 3025 (Part 14)
116	CHEMICAL- WATER	Drinking Water	Fluoride (as F)	APHA 24th Edition 4500-F-D
117	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	IS 3025 (Part 26)
118	CHEMICAL- WATER	Drinking Water	Hexavalent Chromium (as Cr+6)	APHA 24th Edition 3500-Cr-B
119	CHEMICAL- WATER	Drinking Water	Iron (as Fe)	APHA 24th Edition 3500-Fe-B
120	CHEMICAL- WATER	Drinking Water	Magnesium	APHA 24th Edition 3500-Mg-B
121	CHEMICAL- WATER	Drinking Water	Nitrate - Nitrogen	APHA 24th Edition 4500-NO3-B
122	CHEMICAL- WATER	Drinking Water	Nitrite - Nitrogen	APHA 24th Edition 4500-NO2-B
123	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
124	CHEMICAL- WATER	Drinking Water	pH Value	IS 3025 (Part 11)
125	CHEMICAL- WATER	Drinking Water	Phosphorus (as PO4 - P)	APHA 24th Edition 4500-P-D
126	CHEMICAL- WATER	Drinking Water	Potassium (K)	IS 3025 (Part 45)
127	CHEMICAL- WATER	Drinking Water	Silica (as SiO2)	IS 3025 (Part 35)
128	CHEMICAL- WATER	Drinking Water	Sodium (Na)	IS 3025 (Part 45)
129	CHEMICAL- WATER	Drinking Water	Sulphates	IS 3025 (Part 24, Sec 1, Clause 4)

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130	CHEMICAL- WATER	Drinking Water	Sulphates	IS 3025 (Part 24, Sec 1, Clause 5)
131	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 8)
132	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 (Part 23)
133	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid (TDS) @180 °C	IS 3025 (Part 16)
134	CHEMICAL- WATER	Drinking Water	Total Hardness	APHA 24th Edition 2340-C
135	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
136	CHEMICAL- WATER	Surface /Ground water	Aluminium (as Al)	APHA 24th Edition 3500-Al-B
137	CHEMICAL- WATER	Surface /Ground water	Ammonia (as total ammonia - N)	APHA 24th Edition 4500-NH3-F
138	CHEMICAL- WATER	Surface /Ground water	Calcium	APHA 24th Edition 3500-Ca-B
139	CHEMICAL- WATER	Surface /Ground water	Chloride	IS 3025 (Part 32)
140	CHEMICAL- WATER	Surface /Ground water	Colour	IS 3025 (Part 4)
141	CHEMICAL- WATER	Surface /Ground water	Conductivity	IS 3025 (Part 14)
142	CHEMICAL- WATER	Surface /Ground water	Fluoride (as F)	APHA 24th Edition 4500-F-D
143	CHEMICAL- WATER	Surface /Ground water	Hexavalent Chromium (as Cr+6)	APHA 24th Edition 3500-Cr-B
144	CHEMICAL- WATER	Surface /Ground water	Iron (as Fe)	APHA 24th Edition 3500-Fe-B
145	CHEMICAL- WATER	Surface /Ground water	Magnesium	APHA 24th Edition 3500-Mg-B
146	CHEMICAL- WATER	Surface /Ground water	Nitrate - Nitrogen	APHA 24th Edition 4500-NO3-B
147	CHEMICAL- WATER	Surface /Ground water	Nitrite - Nitrogen	APHA 24th Edition 4500-NO2-B
148	CHEMICAL- WATER	Surface /Ground water	pH Value	IS 3025 (Part 11)
149	CHEMICAL- WATER	Surface /Ground water	Phosphorus (as P)	APHA 24th Edition 4500-P-D
150	CHEMICAL- WATER	Surface /Ground water	Potassium (K)	IS 3025 (Part 45)
151	CHEMICAL- WATER	Surface /Ground water	Silica (as SiO2)	IS 3025 (Part 35)
152	CHEMICAL- WATER	Surface /Ground water	Sodium (Na)	IS 3025 (Part 45)
153	CHEMICAL- WATER	Surface /Ground water	Sulphates	IS 3025 (Part 24, Sec 1)
154	CHEMICAL- WATER	Surface /Ground water	Sulphates	IS 3025 (Part 24, Sec 1, Clause 5)
155	CHEMICAL- WATER	Surface /Ground water	Total Alkalinity	IS 3025 (Part 23)
156	CHEMICAL- WATER	Surface /Ground water	Total Dissolved Solid (TDS) @ 180 °C	IS 3025 (Part 16)
157	CHEMICAL- WATER	Surface /Ground water	Total Hardness	APHA 24th Edition 2340-C
158	CHEMICAL- WATER	Surface /Ground water	Turbidity	IS 3025 (Part 10)

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159	CHEMICAL- WATER	Swimming pool water	Aluminium (as Al)	APHA 24th Edition 3500-Al-B
160	CHEMICAL- WATER	Swimming pool water	Chloride	IS 3025 (Part 32)
161	CHEMICAL- WATER	Swimming pool water	Colour	IS 3025 (Part 4)
162	CHEMICAL- WATER	Swimming pool water	Iron (as Fe)	APHA 24th Edition 3500-Fe-B
163	CHEMICAL- WATER	Swimming pool water	Odour	IS 3025 (Part 5)
164	CHEMICAL- WATER	Swimming pool water	pH value	IS 3025 (Part 11)
165	CHEMICAL- WATER	Swimming pool water	Potassium (K)	IS 3025 (Part 45)
166	CHEMICAL- WATER	Swimming pool water	Sodium (Na)	IS 3025 (Part 45)
167	CHEMICAL- WATER	Swimming pool water	Total Alkalinity	IS 3025 (Part 23)
168	CHEMICAL- WATER	Swimming pool water	Total Dissolved Solid (TDS) @180 °C	IS 3025 (Part 16)
169	CHEMICAL- WATER	Swimming pool water	Total Residual Chlorine	IS 3025 (Part 26)
170	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Accelerated Cured Concrete	Compressive strength	IS 9013
171	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Autoclaved celular (aerated) Concrete blocks	Bulk Density	IS 6441 (Part 1)
172	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Autoclaved celular (aerated) Concrete blocks	Compressive strength	IS 6441 (Part 5)
173	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Autoclaved celular (aerated) Concrete blocks	Thermal Conductivity	IS 3346
174	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ballast	Aggregate Abrasion value by Los Angeles Machine	IS 2386 (Part 4)
175	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ballast	Aggregate Impact Value	IS 2386 (Part 4)
176	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ballast	Sieve analysis (20 mm to 65 mm)	IS/RDSO-GE/0001 (ANNEXURE- IV)



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177	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ballast	Water Absorption	IS 2386 (Part 3)
178	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Absolute Viscosity @ 60 °C	IS 1206 (Part 2)
179	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Ductility	IS 1208 (Part 1)
180	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Flash Point	IS 1448 (Part 69)
181	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Kinematic viscosity @ 135 °C	IS 1206 (Part 3)
182	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Loss on Heating	IS 1212
183	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Solubility in trichloroethylene	IS 1216
184	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Specific Gravity	IS 1202
185	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Viscosity Ratio	IS 73
186	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion	Ductility	IS 1208 (Part 1)
187	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion	Miscibility with Water	IS 8887 (Annexure H)



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188	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion	Particle Charge	IS 8887 (Annexure E)
189	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion	Penetration	IS 1203
190	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion	Residue by Evaporation	IS 8887 (Annexure J)
191	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion	Residue on 600 micron Sieve	IS 8887 (Annexure B)
192	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion	Solubility in trichloroethylene	IS 1216
193	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion	Stability to Mixing with cement	IS 8887 (Annexure G)
194	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Emulsion	Storage Stability after 24h	IS 8887 (Annexure D)
195	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen, Modified Bitumen, APP Membrane	Penetration	IS 1203
196	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen, Modified Bitumen, APP Membrane	Softening Point	IS 1205
197	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Blanketing Material	Aggregate Abrasion value by Los Angeles Machine	IS 2386 (Part 4)
198	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bonding Agent	Compressive strength	FIP/9/2 (Clause 5.12)



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199	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bricks (Common burnt clay Bricks/Burnt clay fly ash bricks/ Pulverized Fuel Ash Lime bricks/ Pulverized Fuel Ash Cement bricks)	Compressive strength.	IS 3495 (Part 1)
200	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bricks (Common burnt clay Bricks/Burnt clay fly ash bricks/ Pulverized Fuel Ash Lime bricks/ Pulverized Fuel Ash Cement bricks)	Efflorescence.	IS 3495 (Part 3)
201	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bricks (Common burnt clay Bricks/Burnt clay fly ash bricks/ Pulverized Fuel Ash Lime bricks/ Pulverized Fuel Ash Cement bricks)	Water absorption	IS 3495 (Part 2)
202	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Fly ash Bricks	Dimension - Width	IS 13757
203	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Fly ash Bricks	Dimension -Height	IS 13757
204	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Fly ash Bricks	Dimension- Length	IS 13757
205	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic unglazed Vitreous Acid resisting tiles	Breaking strength	IS 4457(Annex D)
206	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic unglazed Vitreous Acid resisting tiles	Modulus of rupture	IS 4457(Annex D)
207	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ceramic unglazed Vitreous Acid resisting tiles	Water Absorption	IS 4457(Annex C)
208	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	10% Fines value	IS 2386 (Part 4)
209	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Aggregate Abrasion value by Los Angels Machine	IS 2386 (Part 4)



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210	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS 2386 (Part 4)
211	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Bulk Density (Compacted)	IS 2386 (Part 3)
212	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Bulk Density (Loose)	IS 2386 (Part 3)
213	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Clay Lumps	IS 2386 (Part 2)
214	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Coal Lignite	IS 2386 (Part 2)
215	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Combined Flakiness & Elongation index	IS 383
216	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
217	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Elongation index	IS 2386 (Part 1)
218	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Flakiness index	IS 2386 (Part 1)
219	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Material finer than 75 micron	IS 2386 (Part 1)
220	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Sieve analysis (80 mm to 2.36 mm)	IS 2386 (Part 1)



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221	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Soundness by MgSO4	IS 2386 (Part 5)
222	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Soundness by Na2SO4	IS 2386 (Part 5)
223	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
224	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Stripping Value	IS 6241
225	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
226	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Common Burnt Clay bricks	Dimension - Width	IS 1077
227	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Common Burnt Clay bricks	Dimension -Height	IS 1077
228	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Common Burnt Clay bricks	Dimension- Length	IS 1077
229	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete paving Block	Abrasion resistance	IS 15658 (Annex E)
230	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete paving Block	Compressive Strength	IS 15658 (Annex D)
231	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete paving Block	Dimension - Width	IS 15658 (Annex B)



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232	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete paving Block	Dimension- Length	IS 15658 (Annex B)
233	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete paving Block	Dimension -Thickness	IS 15658 (Annex B)
234	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete paving Block	Splitting Tensile Strength	IS 15658 (Annex F)
235	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete paving Block	Water Absorption	IS 15658 (Annex C)
236	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Curing Compound	Drying Time	ASTM C 309
237	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Curing Compound	Water Retention (Loss of water after 72 hrs)	ASTM C 156
238	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Bulk Density (Compacted)	IS 2386(Part 3)
239	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Bulk Density (Loose)	IS 2386(Part 3)
240	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Clay Lumps	IS 2386(Part 2)
241	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Clay, Fine silt & Fine dust	IS 2386(Part 2)
242	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Coal Lignite	IS 2386(Part 2)



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243	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Fineness Modulus	ASTM C 136
244	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Material finer than 75 micron	IS 2386(Part 1)
245	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Sieve analysis (10 mm to 0.150 mm)	ASTM C 136
246	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Sieve analysis (10 mm to 0.150 mm)	IS 2386(Part 1)
247	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Soundness by MgSO ₄	IS 2386(Part 5)
248	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Soundness by Na ₂ SO ₄	IS 2386(Part 5)
249	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Specific Gravity	IS 2386(Part 3)
250	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Water Absorption	IS 2386(Part 3)
251	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash/ Pozzolanic material	Compressive strength	IS 1727 (Clause -10)
252	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash/ Pozzolanic material	Fineness By Blain apparatus	IS 1727 (Clause 6.1)
253	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash/ Pozzolanic material	Fineness by wet sieving (45micron)	IS 1727 (Clause -6.2)



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254	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash/ Pozzolanic material	Lime Reactivity	IS 1727 (Clause -09)
255	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash/ Pozzolanic material	Soundness by Autoclave Expansion	IS 4031 (Part-03)
256	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fly ash/ Pozzolanic material	Specific Gravity	IS 1727 (Clause -15)
257	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Cement Concrete	Flow test	IS 1199 (Part 6)
258	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Cement Concrete	Slump test	IS: 1199 (Part 2)
259	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Cement Concrete	V Funnel test	IS: 1199 (Part 6)
260	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub Base	Aggregate Impact Value	IS 2386 (Part 4)
261	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub Base	Sieve analysis (0.075 mm to 75 mm)	IS 2386 (Part 1)
262	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Granular Sub Base	Water Absorption	IS 2386 (Part 3)
263	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Compressive strength(Core)	IS 516 (Part 4)
264	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Compressive strength(Cube)	IS 516 (Part 1, Sec 1)



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265	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Depth of Water Penetration Under Pressure	IS 516 (Part 2, Sec 1)
266	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Flexural Strength	IS 516 (Part 1, Sec 1)
267	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Splitting Tensile Strength	IS 516 (Part 1, Sec 1)
268	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Water absorption	BS 1881(P-122)
269	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PPC/PSC/PCC)	Compressive strength	IS 4031 (Part 6)
270	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PPC/PSC/PCC)	Density	IS 4031 (Part 11)
271	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PPC/PSC/PCC)	Final Setting Time	IS 4031 (Part 5)
272	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PPC/PSC/PCC)	Fineness By Blain apparatus	IS 4031 (Part 2)
273	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PPC/PSC/PCC)	Fineness by Dry Sieving	IS 4031 (Part 1)
274	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PPC/PSC/PCC)	Initial Setting Time	IS 4031 (Part 5)
275	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PPC/PSC/PCC)	Normal Consistency	IS 4031 (Part 4)



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276	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PPC/PSC/PCC)	Soundness by Autoclave Expansion	IS 4031 (Part 3)
277	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PPC/PSC/PCC)	Soundness by La- Chatelier	IS 4031 (Part 3)
278	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hydraulic Cement (OPC/PPC/PSC/PCC)	Specific Gravity	ASTM C 188
279	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Micro Silica / Silica Fume	Compressive strength	IS 1727 (Clause -10)
280	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Micro Silica / Silica Fume	Over size % retain on 45 Micron IS Sieve	IS 1727 (Clause -6.2)
281	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Micro Silica / Silica Fume	Specific Gravity	IS 1727 (Clause -15)
282	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash Lime Bricks	Dimension - Width	IS 12894
283	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash Lime Bricks	Dimension -Height	IS 12894
284	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash Lime Bricks	Dimension- Length	IS 12894
285	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash-Cement Bricks	Dimension - Width	IS 16720
286	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash-Cement Bricks	Dimension -Height	IS 16720



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287	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Pulverized Fuel Ash-Cement Bricks	Dimension- Length	IS 16720
288	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Screening Material	Sieve analysis (0.180 mm to 13.2 mm)	IS 2386 (Part 1)
289	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Tiles	Breaking strength	IS 13630 (Part 6)
290	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Tiles	Breaking strength	ISO 10545 (P-4)
291	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Tiles	Modulus of rupture	IS 13630 (Part 6)
292	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Tiles	Modulus of rupture	ISO 10545 (P-4)
293	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Tiles	Scratch Hardness	IS 13630 (Part 13)
294	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Tiles	Water Absorption	IS 13630 (Part 2)
295	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Tiles	Water Absorption	ISO 10545 (P-3)
296	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wet Mix Macadam	Sieve analysis (0.075 mm to 53 mm)	IS 2386 (Part 1)
297	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	White cement based polymeric putty	Compressive strength	IS 4031 (Part 6)



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298	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	White cement based polymeric putty	Final Setting Time	IS 17545 (Annex D)
299	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	White cement based polymeric putty	Initial Setting Time	IS 17545 (Annex D)
300	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wood/Timber	Density	IS 1708 (Part 2)
301	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wood/Timber	Moisture Content	IS 1708 (Part 1)
302	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wood/Timber	Specific Gravity	IS 1708 (Part 2)
303	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wooden Door Shutter	Glue adhesion Test	IS 4020 (Part 15)
304	MECHANICAL- BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Wooden Door Shutter	Knife Test	IS 4020 (Part 14)
305	MECHANICAL- SOIL AND ROCKS	Blanketing Material	California Bering Ratio (CBR)	IS 2720(Part 16)
306	MECHANICAL- SOIL AND ROCKS	Blanketing Material	Co-efficient of Curvature (Cc)	IS 1498
307	MECHANICAL- SOIL AND ROCKS	Blanketing Material	Co-efficient of Uniformity (Cu)	IS 1498
308	MECHANICAL- SOIL AND ROCKS	Blanketing Material	Heavy Compaction Test - Maximum Dry Density	IS 2720 (Part 8)
309	MECHANICAL- SOIL AND ROCKS	Blanketing Material	Heavy Compaction Test - Optimum Moisture Content	IS 2720 (Part 8)
310	MECHANICAL- SOIL AND ROCKS	Blanketing Material	Liquid limit	IS 2720 (Part 5)
311	MECHANICAL- SOIL AND ROCKS	Blanketing Material	Plastic Limit	IS 2720 (Part 5)
312	MECHANICAL- SOIL AND ROCKS	Blanketing Material	Plasticity index	IS 2720 (Part 5)

This is annexure to 'Certificate of Accreditation' and does not require any signature.



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INDIA

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
313	MECHANICAL- SOIL AND ROCKS	Blanketing Material	Sieve analysis (0.075 mm to 40 mm)	IS 2720 (Part 4)
314	MECHANICAL- SOIL AND ROCKS	Clay & Soil (Fine Grained)	Hydrometer Analysis	IS 2720(Part 4)
315	MECHANICAL- SOIL AND ROCKS	Clay & Soil (Coarse & Fine Grained)	California Bering Ratio (CBR)	IS 2720 (Part 16)
316	MECHANICAL- SOIL AND ROCKS	Clay & Soil (Coarse & Fine Grained)	Free Swell index	IS 2720(Part 40)
317	MECHANICAL- SOIL AND ROCKS	Clay & Soil (Coarse & Fine Grained)	Heavy Compaction Test - Maximum Dry Density	IS 2720 (Part 8)
318	MECHANICAL- SOIL AND ROCKS	Clay & Soil (Coarse & Fine Grained)	Heavy Compaction Test - Optimum Moisture Content	IS 2720 (Part 8)
319	MECHANICAL- SOIL AND ROCKS	Clay & Soil (Coarse & Fine Grained)	Light Compaction Test - Optimum Moisture Content	IS 2720 (Part 7)
320	MECHANICAL- SOIL AND ROCKS	Clay & Soil (Coarse & Fine Grained)	Light Compaction Test- Maximum Dry Densit	IS 2720 (Part 7)
321	MECHANICAL- SOIL AND ROCKS	Clay & Soil (Coarse & Fine Grained)	Liquid limit	IS 2720 (Part 5)
322	MECHANICAL- SOIL AND ROCKS	Clay & Soil (Coarse & Fine Grained)	Plastic Limit	IS 2720 (Part 5)
323	MECHANICAL- SOIL AND ROCKS	Clay & Soil (Coarse & Fine Grained)	Plasticity index	IS 2720 (Part 5)
324	MECHANICAL- SOIL AND ROCKS	Clay & Soil (Coarse & Fine Grained)	Sieve analysis (19 mm to 0.075 mm)	IS 2720(Part 4)
325	MECHANICAL- SOIL AND ROCKS	Clay & Soil (Coarse & Fine Grained)	Specific Gravity	IS 2720 (Part 3, Sec- 1)
326	MECHANICAL- SOIL AND ROCKS	Clay & Soil (Coarse & Fine Grained)	Water content / Moisture Content	IS 2720 (Part 2)
327	MECHANICAL- SOIL AND ROCKS	Clay & Soil (Coarse Grained)	Co-efficient of Curvature (Cc)	IS 1498
328	MECHANICAL- SOIL AND ROCKS	Clay & Soil (Coarse Grained)	Co-efficient of Uniformity (Cu)	IS 1498
329	MECHANICAL- SOIL AND ROCKS	Clay & Soil (Maximum Particle size of 4.75 mm)	Direct Shear test (Angel of Internal Friction)	IS 2720 (Part 13)
330	MECHANICAL- SOIL AND ROCKS	Clay & Soil (Maximum Particle size of 4.75 mm)	Direct Shear test (Cohesion)	IS 2720 (Part 13)
331	MECHANICAL- SOIL AND ROCKS	Granular Sub Base	California Bering Ratio (CBR)	IS 2720(Part 16)
332	MECHANICAL- SOIL AND ROCKS	Granular Sub Base	Heavy Compaction Test - Maximum Dry Density	IS 2720 (Part 8)



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333	MECHANICAL- SOIL AND ROCKS	Granular Sub Base	Heavy Compaction Test - Optimum Moisture Content	IS 2720 (Part 8)
334	MECHANICAL- SOIL AND ROCKS	Granular Sub Base	Liquid limit	IS 2720 (Part 5)
335	MECHANICAL- SOIL AND ROCKS	Granular Sub Base	Plastic Limit	IS 2720 (Part 5)
336	MECHANICAL- SOIL AND ROCKS	Granular Sub Base	Plasticity index	IS 2720 (Part 5)
337	MECHANICAL- SOIL AND ROCKS	Stones & Rock (Natural Building Stones)	Scratch Hardness	IS 13630 (Part 13)
338	MECHANICAL- SOIL AND ROCKS	Stones & Rock (Natural Building Stones)	Apparent Porosity	IS 1124
339	MECHANICAL- SOIL AND ROCKS	Stones & Rock (Natural Building Stones)	Apparent specific gravity	IS 1124
340	MECHANICAL- SOIL AND ROCKS	Stones & Rock (Natural Building Stones)	Resistance to wear by abrasion	IS 1706
341	MECHANICAL- SOIL AND ROCKS	Stones & Rock (Natural Building Stones)	True Porosity	IS 1124
342	MECHANICAL- SOIL AND ROCKS	Stones & Rock (Natural Building Stones)	True Specific gravity	IS 1122
343	MECHANICAL- SOIL AND ROCKS	Stones & Rock (Natural Building Stones)	Ultrasonic Pulse Velocity	IS 516 (Part 5, Sec 1)
344	MECHANICAL- SOIL AND ROCKS	Stones & Rock (Natural Building Stones)	Uni-Axial Compressive Strength	IS 1121 (P-1)
345	MECHANICAL- SOIL AND ROCKS	Stones & Rock (Natural Building Stones)	Water absorption	IS 1124
346	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	California Bering Ratio (CBR)	IS 2720(Part 16)
347	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Heavy Compaction Test - Maximum Dry Density	IS 2720 (Part 8)
348	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Heavy Compaction Test - Optimum Moisture Content	IS 2720 (Part 8)
349	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Liquid limit	IS 2720 (Part 5)
350	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Plastic Limit	IS 2720 (Part 5)
351	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam	Plasticity index	IS 2720 (Part 5)



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Site Testing				
1	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Carbonation Depth test	IS 516 (Part 5, Sec 3)
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Estimation of the depth of a surface crack using Ultrasonic Pulse Velocity measurement Pulse Velocity measurement	IS 516 (Part 5, Sec 1)
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound Hammer test	IS 516 (Part 5, Sec 4)
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Ultrasonic Pulse velocity	IS 516 (Part 5, Sec 1)