National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CIMEC TECHNOLOGIES PVT. LTD., 23/H, MELDI ESTATE, GOTA, AHMEDABAD, GUJARAT, 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
Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride Content	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	Cement	Tricalcium Aluminate Content (C3A)	Chem/cement/14 issue no.01
7	CHEMICAL- BUILDING MATERIAL	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Alkali Content as Na20 Equivalent	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Aluminum Oxide	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Calcium Oxide	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Chloride	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Combined ferric oxide and Alumina	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Insoluble Residue	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Iron Oxide	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Loss On Ignition	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Magnesium Oxide	IS 4032

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16	CHEMICAL- BUILDING MATERIAL	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Ratio of Percentage of Lime to Percentage of Silica,Alumina and Iron Oxide	Chem/cement/10 issue no.01
17	CHEMICAL- BUILDING MATERIAL	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Silica	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Sulphur as Sulphide	IS 4032
19	CHEMICAL- BUILDING MATERIAL	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Sulphuric Anhydride	IS 4032
20	CHEMICAL- BUILDING MATERIAL	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Tricalcium Silicate Content (C3S)	Chem/cement/15 issue no.01
21	CHEMICAL- BUILDING MATERIAL	Cement Concrete and Mortar (Fresh & Hardened)	Ability to Resist Chloride Ion Penetration (Rapid Chloride Penetration)	BS EN 12390-11
22	CHEMICAL- BUILDING MATERIAL	Cement Concrete and Mortar (Fresh & Hardened)	Ability to Resist Chloride Ion Penetration (Rapid Chloride Penetration)	ASTM C 1202
23	CHEMICAL- BUILDING MATERIAL	Cement Concrete and Mortar (Fresh & Hardened)	Determination of Chloride Content	BS 1881 (Pt-124)
24	CHEMICAL- BUILDING MATERIAL	Cement Concrete and Mortar (Fresh & Hardened)	Determination of Sulphate Content	BS 1881 (Pt-124)
25	CHEMICAL- BUILDING MATERIAL	Cement Concrete and Mortar (Fresh & Hardened)	Determination of Sulphate Content	IS 2317
26	CHEMICAL- BUILDING MATERIAL	Cement Concrete and Mortar (Fresh & Hardened)	Water Soluble Chloride (Fresh Mortar & Concrete) and Acid Soluble Chloride (Fresh Mortar & Concrete)	IS 14959 (Pt-1)
27	CHEMICAL- BUILDING MATERIAL	Cement Concrete and Mortar (Fresh & Hardened)	Water Soluble Chloride (Hardened Mortar & Concrete) and Acid Soluble Chloride (Hardened Mortar & Concrete)	IS 14959 (Pt-2)
28	CHEMICAL- BUILDING MATERIAL	Fly ash	Aluminum Oxide & Iron Oxide	IS 1727
29	CHEMICAL- BUILDING MATERIAL	Fly Ash	Available Alkali Content as Na2O Equivalent	IS 3812(Pt-1)
30	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss On Ignition	IS 1727

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31	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesium Oxide	IS 1727
32	CHEMICAL- BUILDING MATERIAL	Fly Ash	Reactive Silica	IS 3812(Pt-1)
33	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica	IS 1727
34	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silicon dioxide + Aluminiom Oxide+Iron Oxide	Chem/Flyash/07 issue no. 1
35	CHEMICAL- BUILDING MATERIAL	Fly ash	Total Sulphur As SO3	IS 1727
36	CHEMICAL- BUILDING MATERIAL	GGBS	(CaO+CaS+(1/2 MgO)+Al2O3)(/SiO2+MnO)	Chem/GGBS/07 issue no. 01
37	CHEMICAL- BUILDING MATERIAL	GGBS	(CaO+MgO+Al2O3)/(Sio2)	Chem/GGBS/08 issue no.01
38	CHEMICAL- BUILDING MATERIAL	GGBS	Alumina Oxide as (Al2O3)	IS 4032
39	CHEMICAL- BUILDING MATERIAL	GGBS	Calcium Oxide as (CaO)	IS 4032
40	CHEMICAL- BUILDING MATERIAL	GGBS	Loss on ignition	IS 4032
41	CHEMICAL- BUILDING MATERIAL	GGBS	Magnesium Oxide	IS 4032
42	CHEMICAL- BUILDING MATERIAL	GGBS	Manganese Oxide	IS 4032
43	CHEMICAL- BUILDING MATERIAL	GGBS	Silicon Dioxide (As SiO2)	IS 4032
44	CHEMICAL- BUILDING MATERIAL	Rock stone, Coarse & Fine aggregate	Alkali Aggregate Reactivity - Dissolved Silica	IS 2386 (Pt-7)
45	CHEMICAL- BUILDING MATERIAL	Rock stone, Coarse & Fine aggregate	Alkali Aggregate Reactivity - Reduction in Alkalinity	IS 2386 (Pt-7)
46	CHEMICAL- BUILDING MATERIAL	Rock stone, Coarse & Fine aggregate	Sulphate as SO3	BS EN 1744-1
47	CHEMICAL- BUILDING MATERIAL	Rock stone, Coarse & Fine aggregate	Total Chloride as Cl	BS EN 1744-1
48	CHEMICAL- BUILDING MATERIAL	Silica Fume	Available Alkali	IS 15388
49	CHEMICAL- BUILDING MATERIAL	Silica Fume	Loss on Ignition	IS 1727

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50	CHEMICAL- BUILDING MATERIAL	Silica Fume	Moisture Content	IS 15388
51	CHEMICAL- BUILDING MATERIAL	Silica Fume	Silicon Dioxide	IS 1727
52	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Aluminium	ASTM E 415
53	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Boron	ASTM E 415
54	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Carbon	ASTM E 415
55	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Carbon	IS 8811
56	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	ASTM E 415
57	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Cobalt	ASTM E 415
58	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Copper	ASTM E 415
59	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Manganese	ASTM E 415
60	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	ASTM E 415
61	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nickel	ASTM E 415
62	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Phosphorous	ASTM E 415
63	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	ASTM E 415
64	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	IS 8811
65	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Sulphur	ASTM E 415
66	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Titanium	ASTM E 415
67	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Vanadium	ASTM E 415
68	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Aluminium	IS 8811

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69	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Boron	IS 8811
70	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	IS 8811
71	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Cobalt	IS 8811
72	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Copper	IS 8811
73	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Manganese	IS 8811
74	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	IS 8811
75	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nickel	IS 8811
76	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Phosphorous	IS 8811
77	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Sulphur	IS 8811
78	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Titanium	IS 8811
79	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Vanadium	IS 8811
80	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
81	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
82	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086
83	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
84	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
85	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
86	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
87	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879

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88	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
89	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
90	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086
91	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
92	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E1086
93	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 9879
94	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
95	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
96	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E1086
97	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
98	CHEMICAL- WATER	Water	Chlorides as Cl	IS 3025 (Part 32) Argentrometric.
99	CHEMICAL- WATER	Water	Inorganic solids	IS 3025 (Part 18)
100	CHEMICAL- WATER	Water	Organic solids	IS 3025 (Part 18)
101	CHEMICAL- WATER	Water	pH	IS 3025 (Part 11)
102	CHEMICAL- WATER	Water	Sulphates as SO3	IS 3025 (Part 24)
103	CHEMICAL- WATER	Water	Total Suspended matter	IS 3025 (Part 17)
104	CHEMICAL- WATER	Water	Vol of 0.02N NaOH required to neutralize 100ml sample	IS 3025 (Part 22)
105	CHEMICAL- WATER	Water	Vol. of 0.02N H2SO4 Required to neutralize 100ml sample using mixed indicator	IS 3025 (Part 23)
106	CHEMICAL- WATER	Water for construction purpose	Alkali Content (Expressed as Na2O Equivalent)	IS 9497
107	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Block Density	IS 6441(Pt-1)

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108	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Compressive Strength	IS 6441(Pt-5)
109	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Dimension (Height)	IS 2185 (Pt-3)
110	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Dimension (Length)	IS 2185 (Pt-3)
111	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Dimension (Width)	IS 2185 (Pt-3)
112	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Drying Shrinkage	IS 6441(Pt-2)
113	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Moisture Content	IS 6441(Pt-1)
114	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Thermal Conductivity (10 °C to 80 °C)	IS 3346
115	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM//DBM/BC/BM/WBM	Abrasion Value	IS 2386(Pt-4)
116	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM//DBM/BC/BM/WBM	Aggregate Impact Value	IS 2386(Pt-4)
117	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM//DBM/BC/BM/WBM	CBR	IS 2720(Pt-16)
118	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM//DBM/BC/BM/WBM	Combined Flakiness Index & Elongation Index	IS 2386(Pt-1)
119	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM//DBM/BC/BM/WBM	Crushing Value	IS 2386(Pt-4)
120	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM//DBM/BC/BM/WBM	Gradation	IS 2386(Pt-1)
121	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM//DBM/BC/BM/WBM	Heavy Compaction (Modified Proctor) - Maximum Dry Density	IS 2720 (Pt-8)
122	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM//DBM/BC/BM/WBM	Heavy Compaction (Modified Proctor) - Optimum Moisture content	IS 2720 (Pt-8)
123	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM//DBM/BC/BM/WBM	Liquid Limit	IS 2720 (Pt-5)
124	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM//DBM/BC/BM/WBM	Plastic Limit	IS 2720 (Pt-5)
125	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM//DBM/BC/BM/WBM	Plasticity Index	IS 2720 (Pt-5)

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126	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM//DBM/BC/BM/WBM	Relative Density	IS 2720 (Pt-14)
127	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM//DBM/BC/BM/WBM	Soundness	IS 2386 (Pt-5)
128	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM//DBM/BC/BM/WBM	Water Absorption	IS 2386(Pt-3)
129	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206 (Pt-III)
130	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration Test	IS 1203
131	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
132	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
133	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point	IS 1209
134	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Solubility In Trichloroethylene	IS 1216
135	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 (Pt-II)
136	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Loss on Heating	IS 1212
137	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
138	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Bitumen content	ASTM D2172 / D2172M
139	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshal Flow	ASTM D 6927
140	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshal Stability	ASTM D 6927
141	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Mastic Hardness Number	IS 1195
142	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Density	ASTM D2726 / D2726M
143	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495(Part-1)
144	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Height)	IS 1077

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145	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Height)	IS 12894
146	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Height)	IS 4860
147	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS 1077
148	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS 12894
149	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS 13757
150	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS 4860
151	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (WIdth)	IS 1077
152	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS 12894
153	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS 13757
154	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS 4860
155	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495(Part-3)
156	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495(Part-2)
157	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Fly Ash Building Bricks)	Dimensions (Height)	IS 13757
158	MECHANICAL- BUILDINGS MATERIALS	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Compressive Strength	IS 4031(Pt-6)
159	MECHANICAL- BUILDINGS MATERIALS	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Fineness (Blain Air Permeability)	IS 4031(Pt-2)
160	MECHANICAL- BUILDINGS MATERIALS	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Fineness (Dry Sieving)	IS 4031(Pt-1)
161	MECHANICAL- BUILDINGS MATERIALS	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Setting Time (Final)	IS 4031(Pt-5)

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162	MECHANICAL- BUILDINGS MATERIALS	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Setting Time (Initial)	IS 4031(Pt-5)
163	MECHANICAL- BUILDINGS MATERIALS	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Soundness (Auto Clave)	IS 4031(Pt-3)
164	MECHANICAL- BUILDINGS MATERIALS	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Soundness (Le-Chatilier)	IS 4031(Pt-3)
165	MECHANICAL- BUILDINGS MATERIALS	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Specific gravity/ Density	IS 4031 (Pt-11)
166	MECHANICAL- BUILDINGS MATERIALS	Cement 1. OPC (Ordinary Portland Cement) 2. PPC (Portland Pozzolana Cement) 3. PSC (Portland Slag Cement) 4. SRPC (Sulphate Resisting Portland cement)	Standard Consistency	IS 4031(Pt-4)
167	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete flooring tiles	Breadth	IS 1237
168	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Flatness of the Tile Surface	IS 1237
169	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete flooring tiles	Length	IS 1237
170	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Perpendicularity	IS 1237
171	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete flooring tiles	Resistance to wear	IS 1237
172	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Straightness	IS 1237
173	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete flooring tiles	Thickness	IS 1237
174	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Thickness of Wearing layer	IS 1237
175	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete flooring tiles	Water Absorption	IS 1237
176	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete flooring tiles	Wet transverse strength	IS 1237
177	MECHANICAL- BUILDINGS MATERIALS	Checkered Cement Concrete Tiles	Breadth	IS 13801
178	MECHANICAL- BUILDINGS MATERIALS	Checkered Cement Concrete Tiles	Length	IS 13801

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179	MECHANICAL- BUILDINGS MATERIALS	Checkered Cement Concrete Tiles	Resistance to Wear	IS 13801
180	MECHANICAL- BUILDINGS MATERIALS	Checkered Cement Concrete Tiles	Thickness	IS 13801
181	MECHANICAL- BUILDINGS MATERIALS	Checkered Cement Concrete Tiles	Thickness of Wearing Layer	IS 13801
182	MECHANICAL- BUILDINGS MATERIALS	Checkered Cement Concrete Tiles	Water Absorption	IS 13801
183	MECHANICAL- BUILDINGS MATERIALS	Checkered Cement Concrete Tiles	Wet Transverse Strength	IS 13801
184	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Flatness of the Tile Surface	IS 13801
185	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Perpendicularity	IS 13801
186	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tiles	Straightness	IS 13801
187	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 % Fine Value	IS 2386 (Pt-4)
188	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS 2386 (Pt-4)
189	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Alkali Aggregate Reactivity (By Mortar Bar Method)	ASTM C 1260
190	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Alkali Aggregate Reactivity (By Mortar Bar Method)	IS 2386(Pt-7)
191	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk density & Voids	IS 2386(Pt-3)
192	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Combined Flakiness & Elongation Index	Mech/Aggregate/04 issue no.01
193	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386(Pt-4)
194	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Materials	IS 2386 (Pt-1&2)
195	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Determination of Clay, Fine Silt and Fine Dust (Sedimentation Method)	IS 2386(Pt-2)
196	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386(Pt-1)

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197	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Flakiness Index	IS 2386(Pt-1)
198	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386(Pt-4)
199	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Organic Impurities	IS 2386(Pt-2)
200	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386(Pt-1)
201	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness	IS 2386(Pt-5)
202	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386(Pt-3)
203	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Stripping value	IS 6241:1971
204	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Surface Moisture	IS 2386(Pt-3)
205	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Water Absorption	IS 2386(Pt-3)
206	MECHANICAL- BUILDINGS MATERIALS	Concrete	Accelerated Curing Test	IS 9013
207	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516 (Part-1; Sec 1)
208	MECHANICAL- BUILDINGS MATERIALS	Concrete	Drying shrinkage	IS 1199
209	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength	IS 516 (Part-1; Sec 1)
210	MECHANICAL- BUILDINGS MATERIALS	Concrete	Moisture Movement	IS 1199
211	MECHANICAL- BUILDINGS MATERIALS	Concrete	Permeability	BS EN 12390-8:
212	MECHANICAL- BUILDINGS MATERIALS	Concrete	Permeability Test	1716.5 & Appendix-II of MORTH Specification
213	MECHANICAL- BUILDINGS MATERIALS	Concrete	Permeability Test	DIN 1048 (Pt-5)
214	MECHANICAL- BUILDINGS MATERIALS	Concrete	Split Tensile test	BS EN 12390-6
215	MECHANICAL- BUILDINGS MATERIALS	Concrete	Split Tensile test	IS 5816

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216	MECHANICAL- BUILDINGS MATERIALS	Concrete (Hardened)	Density	IS 516(Pt-2; Sec-1)
217	MECHANICAL- BUILDINGS MATERIALS	Concrete (Hardened)	Drying Shrinkage	IS 516 (Pt-6)
218	MECHANICAL- BUILDINGS MATERIALS	Concrete (Hardened)	Initial Surface Absorption	IS 516(Pt-2; Sec-2)
219	MECHANICAL- BUILDINGS MATERIALS	Concrete (Hardened)	Moisture Movement	IS 516 (Pt-6)
220	MECHANICAL- BUILDINGS MATERIALS	Concrete (Hardened)	Split Tensile test	IS 516 (Part-1; Sec 1)
221	MECHANICAL- BUILDINGS MATERIALS	Concrete (Hardened)	Water Absorption	BS 1881-122
222	MECHANICAL- BUILDINGS MATERIALS	Concrete (Hardened)	Water Permeability Test	BS EN 12390-8
223	MECHANICAL- BUILDINGS MATERIALS	Concrete (Hardened)	Water Permeability Test	IS 516(Pt-2; Sec-1)
224	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Alkali Aggregate Reactivity (By Mortar Bar Method)	IS 2386(Pt-7)
225	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Alkali Aggregate Reactivity (By Mortar Bar Method)	ASTM C 1260
226	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk density & Voids	IS 2386(Pt-3)
227	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of Fine Aggregate	IS 2386(Pt-3)
228	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Materials	IS 2386(Pt-1 & 2)
229	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Determination of Clay, Fine Silt and Fine Dust (Sedimentation Method)	IS 2386(Pt-2)
230	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 Micron IS Sieve	IS 2386(Pt-1)
231	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sand Equivalent Value	IS 2720(Pt-37)
232	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386(Pt-1)
233	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness	IS 2386 (Pt-5)

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234	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Specific Gravity	IS 2386(Pt-3)
235	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Surface Moisture	IS 2386(Pt-3)
236	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386(Pt-3)
237	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blastfurnance Slag	Compressive Strength	IS 4031 (Pt-6)
238	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blastfurnance Slag	Fineness (By Blaine's permeability Method)	IS 4031(Pt-2)
239	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blastfurnance Slag	Particles retained on 45µ (micron) sieve, (wet sieving)	IS 3812(Pt-1)
240	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Chloride Migration Coefficient of Concrete	NT Built 492
241	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete (Concrete Core)	Compressive Strength	IS 516 (Part 4)
242	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Block Density	IS 2185 (Pt-1)
243	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Compressive Strength	IS 2185 (Pt-1)
244	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension (Height)	IS 2185 (Pt-1)
245	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension (Length)	IS 2185 (Pt-1)
246	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension (Width)	IS 2185 (Pt-1)
247	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Drying Shrinkage	IS 2185 (Pt-1)
248	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Moisture Movement	IS 2185 (Pt-1)
249	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Water Absorption	IS 2185 (Pt-1)
250	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Materials	Compressive Strength	IS 1727
251	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Materials	Fineness by Blain permeability apparatus	IS 1727
252	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Materials	Lime Reactivity	IS 1727

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253	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic materials	Moisture Content	IS 3812 (Pt-1)
254	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Materials	Particle retained on 45 micron IS Sieve	IS 1727
255	MECHANICAL- BUILDINGS MATERIALS	Pozzolanic Materials	Soundness by Autoclave Test	IS 1727
256	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete block for paving	Abrassive wear	IS 15658
257	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete block for paving	Breaking Load	IS 15658
258	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete block for paving	Flexural Strength	IS 15658
259	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete block for paving	Thickness of wearing layer	IS 15658
260	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Blocks for paving	Compressive Strength	IS 15658
261	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Blocks for Paving	Length	IS 15658
262	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Blocks for Paving	Thickness	IS 15658
263	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Blocks for Paving	Water Absorption	IS 15658
264	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Blocks for Paving	Width	IS 15658
265	MECHANICAL- BUILDINGS MATERIALS	Stone (Granite, Kota Lime, Marble)	Apparent Porosity	IS 1124
266	MECHANICAL- BUILDINGS MATERIALS	Stone (Granite, Kota Lime, Marble)	Apparent Specific Gravity	IS 1122
267	MECHANICAL- BUILDINGS MATERIALS	Stone (Granite, Kota Lime, Marble)	Compressive Strength	IS 1121 (Part-1)
268	MECHANICAL- BUILDINGS MATERIALS	Stone (Granite, Kota Lime, Marble)	Hardness	IS 13630 (Part 13)
269	MECHANICAL- BUILDINGS MATERIALS	Stone (Granite, Kota Lime, Marble)	Moisture content	IS 13030
270	MECHANICAL- BUILDINGS MATERIALS	Stone (Granite, Kota Lime, Marble)	Resistance to wear	IS 1706
271	MECHANICAL- BUILDINGS MATERIALS	Stone (Granite, Kota Lime, Marble)	True Specific Gravity	IS 1122

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272	MECHANICAL- BUILDINGS MATERIALS	Stone (Granite, Kota Lime, Marble)	Water Absorption	IS 1122
273	MECHANICAL- BUILDINGS MATERIALS	Tiles	Abrassion Value	IS 13630 (Pt-8)
274	MECHANICAL- BUILDINGS MATERIALS	Tiles	Breaking Strength	IS 13630 (Pt-6)
275	MECHANICAL- BUILDINGS MATERIALS	Tiles	Dimension (Length)	IS 13630 (Pt-1)
276	MECHANICAL- BUILDINGS MATERIALS	Tiles	Dimension (Width)	IS 13630 (Pt-1)
277	MECHANICAL- BUILDINGS MATERIALS	Tiles	Dimensions (Thickness)	IS 13630 (Pt-1)
278	MECHANICAL- BUILDINGS MATERIALS	Tiles	Impact Resistane	IS 13630 (Pt-14)
279	MECHANICAL- BUILDINGS MATERIALS	Tiles	Resistance to acids and alkalies (with the excepting of hydrofluoric acid and its compounds	IS 13630 (Pt-8)
280	MECHANICAL- BUILDINGS MATERIALS	Tiles	Resistance to House hold Chemicals & Swimming pool water cleaners except to cleaning agent, containing hydrofluoric acid and its compound	IS 13630 (Pt-8)
281	MECHANICAL- BUILDINGS MATERIALS	Tiles	Resistance to staining of glazed tiles	IS 13630 (Pt-8)
282	MECHANICAL- BUILDINGS MATERIALS	Tiles	Scratch/Hardness, Mohs Scale	IS 13630 (Pt-1)
283	MECHANICAL- BUILDINGS MATERIALS	Tiles	Surface Quality	IS 13630 (Pt-1)
284	MECHANICAL- BUILDINGS MATERIALS	Tiles	Water Absorption	IS 13630 (Pt-2)
285	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Breaking Strength	IS 4457
286	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Dimensions (Length)	IS 4457
287	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Dimensions (Thickness)	IS 4457
288	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Dimensions (Width)	IS 4457

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289	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Resistance to concentrated HN03 and H2SO4	IS 4457
290	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Resistance to High concentrations of acids and alkalies	IS 4457
291	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Resistance to household chemicals and swimming pool salts	IS 4457
292	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Resistance to low concentrations of acids and alkalies	IS 4457
293	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Surface Quality	IS 4457
294	MECHANICAL- BUILDINGS MATERIALS	Unglazed Ceramic Vitreous Acid Resisting Tiles	Water Absorption	IS 4457
295	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Couplers	Distance of fracture from coupler	IS 16172
296	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Couplers	Location of fracture	IS 16172
297	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Couplers	Static Tensile Test (Tensile Strength)	IS 16172 (Annex B)
298	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Couplers	Total Elongation at Maximum Force	IS 16172
299	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement/ Structural steel	Bend Test	IS 1599
300	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement/ Structural steel	Bend/Re-bend Test	IS 1786
301	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement/ Structural steel	Elongation % at break	IS 1608 Part 1
302	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement/ Structural steel	mass/metre	IS 1786

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303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement/ Structural steel	Re-bend test	IS 1786
304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement/ Structural steel	Tensile Strength	IS 1608 Part 1
305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement/ Structural steel	Total Elongation at maximum force	IS 1608 (Pt-1)
306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement/ Structural steel	Yield Stress	IS 1608 Part 1
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand for Prestressed Concrete	Nominal Cross sectional area of strand	IS 14268
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand for Prestressed Concrete	Percentage difference in diameterof centre wire & Surrounding wire	IS 14268
309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved strand	Lay Length	IS 14268
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved strand	Nominal Dia of Strand	IS 6006
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved strand	Nominal Dia. of Strand	IS 14268
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved strand	Nominal mass of Strand	IS 14268
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved strand	Nominal Mass of Strand	IS 6006
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Strand For Prestressed Concrete	Lay Length	IS 6006
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Strand For Prestressed Concrete	Nominal Cross sectional area of strand	IS 6006
316	MECHANICAL- SOIL AND ROCK	Soil	Angle of Internal Friction using Direct Shear Test (DUU)	IS 2720 (Pt-13)

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317	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
318	MECHANICAL- SOIL AND ROCK	Soil	Cohesion using Direct Shear Test (DUU)	IS 2720 (Part 13)
319	MECHANICAL- SOIL AND ROCK	Soil	Density index (Relative density) of cohesionless soils	IS 2720 (Part 14)
320	MECHANICAL- SOIL AND ROCK	Soil	Dry Density using Heavy compaction	IS 2720 (Part-8)
321	MECHANICAL- SOIL AND ROCK	Soil	Dry Density using Light compaction	IS 2720 (Part-7)
322	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
323	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
324	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720(Pt-2)
325	MECHANICAL- SOIL AND ROCK	Soil	Plastic limit	IS 2720 (Part 5)
326	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis by Dry Sieving	IS 2720 (Part 4)
327	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis by Wet Sieving	IS 2720 (Part 4)
328	MECHANICAL- SOIL AND ROCK	Soil	Sp. Gravity	IS 2720 (Part 3 /Sec I and II)
329	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720(Pt-41)
330	MECHANICAL- SOIL AND ROCK	Soil	Water content using Heavy compaction	IS 2720 (Part-8)
331	MECHANICAL- SOIL AND ROCK	Soil	Water content using Light compaction	IS 2720 (Part-7)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Plate Load Test	IS 1888
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Bridges & Spans	Span Load Test	IRC:SP:51
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced concrete pile	High-Strain Dynamic Testing of Deep Foundations	ASTM D 4945
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced concrete pile	Pile Load Test	IS 2911(Pt-4)
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Pile	Ultrasonic Cross holeTesting	ASTM D6760
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Pile (upto 55 m)	Low strain Pile Integrity test	ASTM D 5882
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Pile (upto 55 m)	Low strain Pile Integrity test	IS 14893
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Cover Meter Test	BS 1881-204
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Determination of Crack Depth using UPV Tester	BS EN 12504-4
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer Test	BS EN 12504-2
11	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer Test	ASTM C805 / C805M

SCOPE OF ACCREDITATION

Laboratory Name :	CIMEC TECHNOLOGIES PVT. LTD., 23/H, MELDI ESTATE, GOTA, AHMEDABAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5549	**Page No**	21 of 21
Validity	19/11/2021 to 18/11/2023	**Last Amended on**	03/03/2022

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
12	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer Test	IS 13311 (Pt-2)
13	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse Velocity Tests	ASTM C 597
14	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse Velocity Tests	BS EN 12504-4
15	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced concrete structures	Rebound Hammer Test	IS 516 : Part 5 (Sec 4)