National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : KCT CONSULTANCY SERVICES, "KCT HOUSE", PLOT NO. 1, SHAYONA SILVER ESTATE, PART-II, OFF. S.G. ROAD, GOTA, AHMEDABAD, GUJARAT, 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 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 Concrete and Mortar (Fresh & Hardened)	Determination of chloride content	BS 1881 (Part–124)
7	CHEMICAL- BUILDING MATERIAL	Cement Concrete and Mortar (Fresh & Hardened)	Determination of Sulphate Content	BS 1881 (Part–124)
8	CHEMICAL- BUILDING MATERIAL	Cement Concrete and Mortar (Fresh & Hardened)	Determination of Sulphate Content	IS 2317
9	CHEMICAL- BUILDING MATERIAL	Cement(OPC, PPC, PSC, SRPC)	Alkali Content as Na2O Equivalent	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement(OPC, PPC, PSC, SRPC)	Aluminium Oxide	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement(OPC, PPC, PSC, SRPC)	Calcium Oxide	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement(OPC, PPC, PSC, SRPC)	Chloride	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement(OPC, PPC, PSC, SRPC)	Insoluble Residue	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement(OPC, PPC, PSC, SRPC)	Iron Oxide	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement(OPC, PPC, PSC, SRPC)	Loss on Ignition	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Cement(OPC, PPC, PSC, SRPC)	Magnesium Oxide	IS 4032
17	CHEMICAL- BUILDING MATERIAL	Cement(OPC, PPC, PSC, SRPC)	Silica	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Cement(OPC, PPC, PSC, SRPC)	Sulphuric Anhydride	IS 4032

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19	CHEMICAL- BUILDING MATERIAL	Coarse Aggregates	Alkali Aggregare Reactivity - Dissolved Silica	IS 2386 (Part-7)
20	CHEMICAL- BUILDING MATERIAL	Coarse Aggregates	Alkali Aggregare Reactivity - Reduction in Alkalinity	IS 2386 (Part-7)
21	CHEMICAL- BUILDING MATERIAL	Coarse Aggregates	Sulphate as SO3 (Acid Soluble)	BS EN 1744- 1:2009+A1, Clause 12
22	CHEMICAL- BUILDING MATERIAL	Coarse Aggregates	Total Chloride as Cl (Water Soluble)	BS EN 1744- 1:2009+A1, Clause 7
23	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Alkali Aggregare Reactivity - Dissolved Silica	IS 2386 (Part-7)
24	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Alkali Aggregare Reactivity - Reduction in Alkalinity	IS 2386 (Part-7)
25	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Sulphate as SO3 (Acid Soluble)	BS EN 1744- 1:2009+A1, Clause 12
26	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Total Chloride as Cl (Water Soluble)	BS EN 1744- 1:2009+A1, Clause 7
27	CHEMICAL- BUILDING MATERIAL	Fly ash	Aluminum Oxide & Iron Oxide	IS 1727
28	CHEMICAL- BUILDING MATERIAL	Fly ash	Available Alkali Content as Na2O Equivalent	IS 3812 (Part-1)
29	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition	IS 1727
30	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesium Oxide	IS 1727
31	CHEMICAL- BUILDING MATERIAL	Fly ash	Reactive Silica	IS 3812 (Part-1)
32	CHEMICAL- BUILDING MATERIAL	Fly ash	Silicon dioxide	IS 1727
33	CHEMICAL- BUILDING MATERIAL	Fly ash	Total Sulphur as SO3	IS 1727
34	CHEMICAL- BUILDING MATERIAL	GGBS	Aluminium Oxide as (Al2O3)	IS 4032
35	CHEMICAL- BUILDING MATERIAL	GGBS	Calcium Oxide (CaO)	IS 4032
36	CHEMICAL- BUILDING MATERIAL	GGBS	Loss on Ignition	IS 4032
37	CHEMICAL- BUILDING MATERIAL	GGBS	Magnesium Oxide	IS 4032

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38	CHEMICAL- BUILDING MATERIAL	GGBS	Manganese Oxide	IS 4032
39	CHEMICAL- BUILDING MATERIAL	GGBS	Silicon Dioxide (As SiO2)	IS 4032
40	CHEMICAL- BUILDING MATERIAL	Silica Fume	Available Alkali	IS 15388
41	CHEMICAL- BUILDING MATERIAL	Silica Fume	Loss on Ignition	IS 1727
42	CHEMICAL- BUILDING MATERIAL	Silica Fume	Moisture Content	IS 15388
43	CHEMICAL- BUILDING MATERIAL	Silica Fume	Silicon Dioxide	IS 1727
44	CHEMICAL- METALS & ALLOYS	Carbon Steel	Aluminium	ASTM E 415
45	CHEMICAL- METALS & ALLOYS	Carbon Steel	Aluminium	IS 8811
46	CHEMICAL- METALS & ALLOYS	Carbon Steel	Boron	IS 8811
47	CHEMICAL- METALS & ALLOYS	Carbon Steel	Carbon	ASTM E 415
48	CHEMICAL- METALS & ALLOYS	Carbon Steel	Carbon	IS 8811
49	CHEMICAL- METALS & ALLOYS	Carbon Steel	Chromium	ASTM E 415
50	CHEMICAL- METALS & ALLOYS	Carbon Steel	Chromium	IS 8811
51	CHEMICAL- METALS & ALLOYS	Carbon Steel	Copper	ASTM E 415
52	CHEMICAL- METALS & ALLOYS	Carbon Steel	Copper	IS 8811
53	CHEMICAL- METALS & ALLOYS	Carbon Steel	Manganese	ASTM E 415
54	CHEMICAL- METALS & ALLOYS	Carbon Steel	Manganese	IS 8811
55	CHEMICAL- METALS & ALLOYS	Carbon Steel	Molybdenum	ASTM E 415
56	CHEMICAL- METALS & ALLOYS	Carbon Steel	Molybdenum	IS 8811

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57	CHEMICAL- METALS & ALLOYS	Carbon Steel	Nickel	ASTM E 415
58	CHEMICAL- METALS & ALLOYS	Carbon Steel	Nickel	IS 8811
59	CHEMICAL- METALS & ALLOYS	Carbon Steel	Phosphorous	ASTM E 415
60	CHEMICAL- METALS & ALLOYS	Carbon Steel	Phosphorous	IS 8811
61	CHEMICAL- METALS & ALLOYS	Carbon Steel	Silicon	ASTM E 415
62	CHEMICAL- METALS & ALLOYS	Carbon Steel	Silicon	IS 8811
63	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulphur	ASTM E 415
64	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulphur	IS 8811
65	CHEMICAL- METALS & ALLOYS	Carbon Steel	Titanium	IS 8811
66	CHEMICAL- METALS & ALLOYS	Carbon Steel	Vanadium	ASTM E 415
67	CHEMICAL- METALS & ALLOYS	Carbon Steel	Vanadium	IS 8811
68	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminium	ASTM E 415
69	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	ASTM E 415
70	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium	ASTM E 415
71	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper	ASTM E 415
72	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	ASTM E 415
73	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	ASTM E 415
74	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel	ASTM E 415
75	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorus	ASTM E 415

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76	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	ASTM E 415
77	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	ASTM E 415
78	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium	ASTM E 415
79	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
80	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
81	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
82	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
83	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
84	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
85	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 9879
86	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
87	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
88	CHEMICAL- SOIL AND ROCK	Rock	Alkali Aggregare Reactivity - Dissolved Silica	IS 2386 (Part-7)
89	CHEMICAL- SOIL AND ROCK	Rock	Alkali Aggregare Reactivity - Reduction in Alkalinity	IS 2386 (Part-7)
90	CHEMICAL- SOIL AND ROCK	Rock	Sulphate as SO3 (Acid Soluble)	BS EN 1744- 1:2009+A1, Clause 12
91	CHEMICAL- SOIL AND ROCK	Rock	Total Chloride as Cl (Water Soluble)	BS EN 1744- 1:2009+A1, Clause 7
92	CHEMICAL- SOIL AND ROCK	Stones	Alkali Aggregare Reactivity - Dissolved Silica	IS 2386 (Part-7)
93	CHEMICAL- SOIL AND ROCK	Stones	Alkali Aggregare Reactivity - Reduction in Alkalinity	IS 2386 (Part-7)
94	CHEMICAL- SOIL AND ROCK	Stones	Sulphate as SO3 (Acid Soluble)	BS EN 1744- 1:2009+A1, Clause 12

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95	CHEMICAL- SOIL AND ROCK	Stones	Total Chloride as Cl (Water Soluble)	BS EN 1744- 1:2009+A1, Clause 7
96	CHEMICAL- WATER	Construction Water	Chloride	IS 3025 (Part 32), Clause-2
97	CHEMICAL- WATER	Construction Water	pH Value	IS 3025 (Part 11)
98	CHEMICAL- WATER	Construction Water	Sulphate (SO4)	IS 3025 (Part 24), Clause-4
99	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS 3025 (Part-18)
100	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS 3025 (Part-18)
101	CHEMICAL- WATER	Water for construction purpose	Total Suspended Matter	IS 3025 (Part-17)
102	CHEMICAL- WATER	Water for construction purpose	Vol of 0.02 N NaOH required to neutralize 100 ml Sample using phenophthelin indicator	IS 3025 (Part-22)
103	CHEMICAL- WATER	Water for construction purpose	Vol. of 0.02N H2SO4 Required to neutralized 100 ml Sample using mixed Indicator	IS 3025 (Part-23)
104	MECHANICAL- BUILDINGS MATERIALS	Vitrified Tiles And Ceramic Tiles	Scratch Hardness (Mho's Scale)	IS 13630 (Part 13)
105	MECHANICAL- BUILDINGS MATERIALS	Vitrified Tiles And Ceramic Tiles	Straightness Of Sides	IS 13630 (Part 1)
106	MECHANICAL- BUILDINGS MATERIALS	Vitrified Tiles And Ceramic Tiles	Surface Flatness	IS 13630 (Part 1)
107	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Blocks	Dimension (Length)	IS 2185 (Part 3)
108	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Blocks	Dimension (Height)	IS 2185 (Part 3)
109	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Blocks	Dimension(Breadth)	IS 2185 (Part 3)
110	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Blocks	Dry Density	IS 6441 (Part 1)
111	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Blocks	Moisture Content	IS 6441 (Part 1)
112	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM/DBM/BC/BM/WBM	Abrasion Value	IS 2386 (Part-4)
113	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM/DBM/BC/BM/WBM	Aggregate Impact Value	IS 2386 (Part-4)
114	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM/DBM/BC/BM/WBM	CBR	IS 2720 (Part-16)

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115	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM/DBM/BC/BM/WBM	Combined Flakiness Index and Elongation Index	IS 2386 (Part-1)
116	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM/DBM/BC/BM/WBM	Crushing Value	IS 2386 (Part-4)
117	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM/DBM/BC/BM/WBM	Gradation	IS 2386 (Part-1)
118	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM/DBM/BC/BM/WBM	Heavy Compaction (Modified Proctor) - Maximum Dry Density	IS 2720 (Part-8)
119	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM/DBM/BC/BM/WBM	Heavy Compaction (Modified Proctor) - Optimum Moisture Content	IS 2720 (Part-8)
120	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM/DBM/BC/BM/WBM	Liquid Limit	IS 2720 (Part-5)
121	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM/DBM/BC/BM/WBM	Plastic Limit	IS 2720 (Part-5)
122	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM/DBM/BC/BM/WBM	Plasticity Index	IS 2720 (Part-5)
123	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM/DBM/BC/BM/WBM	Relative Density	IS 2720 (Part 14)
124	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM/DBM/BC/BM/WBM	Soundness (Sodium Sulphate (Na2SO4))	IS 2386 (Part-5)
125	MECHANICAL- BUILDINGS MATERIALS	Ballast/GSB/WMM/DBM/BC/BM/WBM	Water Absorption	IS 2386 (Part-3)
126	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 (Part 2)
127	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility on Residue	IS 1208
128	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point	IS 1209
129	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
130	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
131	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Solubility in Trichloroethylene	IS 1216
132	MECHANICAL- BUILDINGS MATERIALS	Bitumineous Material	Kinematics Viscosity	IS 1206 (Part - 3)

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133	MECHANICAL- BUILDINGS MATERIALS	Bitumineous Material	Loss on heating	IS 1212
134	MECHANICAL- BUILDINGS MATERIALS	Bitumineous Material	Specific Gravity	IS 1202
135	MECHANICAL- BUILDINGS MATERIALS	Bitumineous Mix Design	Bitumen Content	ASTM D2172
136	MECHANICAL- BUILDINGS MATERIALS	Bitumineous Mix Design	Flow	ASTM D6927
137	MECHANICAL- BUILDINGS MATERIALS	Bitumineous Mix Design	Mastic Hardness Number	IS 1195
138	MECHANICAL- BUILDINGS MATERIALS	Bitumineous Mix Design	Stability	ASTM D6927
139	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Density	ASTM D2726
140	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (Part 3)
141	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 (Part 1)
142	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Height)	IS 12894
143	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Height)	IS 4860
144	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS 12894
145	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS 4860
146	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS 12894
147	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS 4860
148	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension-Height	IS 1077
149	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension-Length	IS 1077
150	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimensions-Width	IS 1077
151	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part 2)

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152	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
153	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4)
154	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 (Part 11)
155	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
156	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness (Dry Sieving)	IS 4031 (Part 1)
157	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blain Air permeability (PPC)	IS 4031 (Part 2)
158	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blain Air Permeability(OPC)	IS 4031 (Part 2)
159	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
160	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Autoclave	IS 4031 (Part 3)
161	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chatelier	IS 4031 (Part 3)
162	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Water Absorption	IS 1237 (Annexure D)
163	MECHANICAL- BUILDINGS MATERIALS	Chequered cement Concrete tiles	Dimension (Length)	IS 13801
164	MECHANICAL- BUILDINGS MATERIALS	Chequered cement Concrete tiles	Dimension (Thickness)	IS 13801
165	MECHANICAL- BUILDINGS MATERIALS	Chequered cement Concrete tiles	Dimension (Width)	IS 13801
166	MECHANICAL- BUILDINGS MATERIALS	Chequered cement Concrete tiles	Flatness of the Tile Surface	IS 13801
167	MECHANICAL- BUILDINGS MATERIALS	Chequered cement Concrete tiles	Perpendicularity	IS 13801
168	MECHANICAL- BUILDINGS MATERIALS	Chequered cement Concrete tiles	Straightness	IS 13801
169	MECHANICAL- BUILDINGS MATERIALS	Chequered cement Concrete tiles	Thickness of Wearing	IS 13801
170	MECHANICAL- BUILDINGS MATERIALS	Chequered cement Concrete tiles	Water Absorption	IS 13801

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171	MECHANICAL- BUILDINGS MATERIALS	Chequered cement Concrete tiles	Resistance to Wear	IS 13801
172	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fine Value	IS 2386 (Part 4)
173	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion value	IS 2386 (Part 4)
174	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density & Voids	IS 2386 (Part-3)
175	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
176	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious materials	IS 2386 (Part 2)
177	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
178	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness index	IS 2386 (Part 1)
179	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Gradation (4.75 mm to 150 mm)	IS 2386 (Part 1)
180	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
181	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Organic Impurities	IS 2386 (Part 2)
182	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (Sodium Sulphate (Na2SO4))	IS:2386 (Part 5)
183	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific gravity	IS 2386 (Part 3)
184	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Stripping Value	IS 6241
185	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Water Absorption	IS 2386 (Part 3)
186	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength of Concrete by Accelerated Curing	IS 9013
187	MECHANICAL- BUILDINGS MATERIALS	Concrete	Density	IS 516 (Part 2, Sec 1)
188	MECHANICAL- BUILDINGS MATERIALS	Concrete (Hardened)	Split Tensile Test	IS 516 (Part-1, Sec-1)

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189	MECHANICAL- BUILDINGS MATERIALS	Concrete (Hardened)	Water Absorption	BS 1881-122
190	MECHANICAL- BUILDINGS MATERIALS	Concrete Cubes	Compressive Strength of Cubes	IS 516, Part 1, Sec 1
191	MECHANICAL- BUILDINGS MATERIALS	Concrete Cubes of Concrete Mix	Workability of Fresh Concrete(Slump)	IS 1199 (Part 2)
192	MECHANICAL- BUILDINGS MATERIALS	Fine Aggergates	Deleterious Material	IS 2386 (Part 1 & 2)
193	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density and Voids	IS 2386 (Part 3)
194	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of Fine Aggregate	IS 2386 (Part-3)
195	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Specific gravity	IS 2386 (Part 3)
196	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Gradation (0.075 mm to 10 mm)	IS 2386 (Part 1)
197	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness (Sodium Sulphate (Na2SO4))	IS 2386 (Part 5)
198	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Water Absorption	IS 2836 (Part 3)
199	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Glue Adhesion Test	IS 4020 (Part 15)
200	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Dimension and Squareness(Height)	IS 4020 (Part 2)
201	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Dimension and Squareness(Width)	IS 4020 (Part 2)
202	MECHANICAL- BUILDINGS MATERIALS	Flush Door	Dimension and Squareness-Length	IS 4020 (Part 2)
203	MECHANICAL- BUILDINGS MATERIALS	Flush door	End Immersion Test	IS 4020 (Part 13)
204	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727
205	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Blain Permeability Apparatus	IS 1727
206	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Lime Reactivity	IS 1727
207	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Particle retained on 45 micron IS Sieve	IS 1727

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208	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by Autoclave Test	IS 1727
209	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS 1727
210	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete / Admixtures	Air Content	IS 1199, Part 4
211	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete / Admixtures	Bleeding	IS 9103
212	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete / Admixtures	Flexural Strength	IS 516, Part 1, Sec 1
213	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete / Admixtures	Flow	IS 9103
214	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete / Admixtures	Slump	IS 9103
215	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast furnace Slag	Compressive Strength	IS 4031 (Part-6)
216	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast furnace Slag	Fineness (By Blaine's Permeability Method)	IS 4031 (Part-2)
217	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blastfurnace Slag	Particles retained on 45 micron sieve, (wet sieving)	IS 3812 (Part-1)
218	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Block	Compressive Strength	IS 2185 (Part-1)
219	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Block	Dimension (Height)	IS 2185 (Part-1)
220	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Block	Dimension (Length)	IS 2185 (Part-1)
221	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Block	Dimension (Width)	IS 2185 (Part-1)
222	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Block	Water Absorption	IS 2185 (Part-1)
223	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
224	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Length	IS 15658
225	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Tensile Spliting Strength	IS 15658
226	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Thickness	IS 15658

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227	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
228	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Width	IS 15658
229	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Abrasive Wear	IS 15658
230	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Manhole Cover and Frame	Diameter	IS 12592
231	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Manhole Cover and Frame	Dimension - Length	IS 12592
232	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Manhole Cover and Frame	Dimension - Thickness	IS 12592
233	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Manhole Cover and Frame	Dimension - Width	IS 12592
234	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Manhole Cover and Frame	Ultimate Load	IS 12592
235	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Pipes	Barrel Wall Thickness	IS 458
236	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Pipes	Internal Diameter	IS 458
237	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Pipes	Longitudinal Reinforcement - kg/linear meter	IS 458
238	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Pipes	Longitudinal Reinforcement - Minimum Numbers	IS 458
239	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Pipes	Spiral, Hard Drawn Wire - kg/linear meter	IS 458
240	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Pipes	Strength Test for three edge bearing test - Load to produce 0.25 mm crack (kN/linear meter)	IS 458
241	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Pipes	Strength Test for three edge bearing test - Ultimate Load (kN/linear meter)	IS 458
242	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	0.2% Proof Stress	IS 1608 (Part 1)
243	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Bend Test	IS 1599
244	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Cross Section Area	IS 1786, (Section 6.3.1)

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245	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Elongation	IS 1608 (Part 1)
246	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Re-Bend Test	IS 1786
247	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Ultimate Tensile Strength	IS 1608 (Part 1)
248	MECHANICAL- BUILDINGS MATERIALS	Reinforcement Steel	Weight / Metre	IS 1786
249	MECHANICAL- BUILDINGS MATERIALS	Tiles	Surface Quality	IS 13630 (Part 1)
250	MECHANICAL- BUILDINGS MATERIALS	Vitrified Tiles And Ceramic Tiles	Rectangularity	IS 13630 (Part 1)
251	MECHANICAL- BUILDINGS MATERIALS	Vitrified Tiles and Ceramic Tiles	Breaking Strength	IS 13630 (Part 6)
252	MECHANICAL- BUILDINGS MATERIALS	Vitrified tiles and Ceramic tiles	Dimension (Length)	IS 13630 (Part 1)
253	MECHANICAL- BUILDINGS MATERIALS	Vitrified tiles and Ceramic Tiles	Dimensions(Thickness)	IS 13630 (Part 1)
254	MECHANICAL- BUILDINGS MATERIALS	Vitrified Tiles and Ceramic Tiles	Dimensions(Width)	IS 13630 (Part 1)
255	MECHANICAL- BUILDINGS MATERIALS	Vitrified Tiles and Ceramic tiles	Modulus of Rupture	IS 13630 (Part 6)
256	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General	Dimension – Length	IS 4923
257	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Mass per Meter	IS 3601
258	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Mass per Meter	IS 808
259	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Bend Test	IS 1599

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260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Dimension – Depth	IS 4923
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Dimension – Depth	IS 808
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Dimension - Diameter	IS 1161
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Dimension – Diameter	IS 1732
264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Dimension – Diameter	IS 3601
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Dimension – Length	IS 1161
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Dimension – Length	IS 1732
267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Dimension – Length	IS 3601
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Dimension – Length	IS 808
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Dimension – Thickness	IS 1161
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Dimension – Thickness	IS 3601

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271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Dimension – Thickness	IS 4923
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Dimension – Thickness	IS 808
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Dimension – Width	IS 1732
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Dimension – Width	IS 4923
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Dimension – Width	IS 808
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Elongation	IS 1608 (Part 1)
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Mass per Meter	IS 1161
278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Mass per Meter	IS 1732
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Mass per Meter	IS 4923
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Tensile Strength	IS 1608 (Part 1)
281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium and High Tensile Structural Steel and Hollow Steel Section and Steel Tube for Structural Purpose and Steel Tube for Mechanical and General Engineering Purpose	Yield Strength	IS 1608 (Part 1)

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282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel and Medium Tensile Steel Bars	Bend Test	IS 1599
283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel and Medium Tensile Steel Bars	Diameter of Round Bar or side of square bar	IS 432, Part 1
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel and Medium Tensile Steel Bars	Elongation	IS 1608, Part 1
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel and Medium Tensile Steel Bars	Ultimate Tensile Stress	IS 1608 (Part 1)
286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel and Medium Tensile Steel Bars	Yield Stress	IS 1608 (Part 1)
287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Couplers	Distance of Fracture from coupler	IS 16172
288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Couplers	Location of Fracture	IS 16172
289	MECHANICAL- ROCK-BASIC	Rock	Point Load Index	IS 8764
290	MECHANICAL- ROCK-BASIC	Rock	Porosity	IS 13030
291	MECHANICAL- ROCK-BASIC	Rock	Unconfined compressive Strength	IS 9143
292	MECHANICAL- SOIL-ADVANCED	Soil	Density Index (Relative Density) of Cohesionless Soils (Minimum & Maximum Density)	IS 2720 (Part 14)
293	MECHANICAL- SOIL-ADVANCED	Soil	Permeability by Falling Head Method	IS 2720 (Part 17)
294	MECHANICAL- SOIL-ADVANCED	Soil	Swelling Pressure	IS 2720 (Part 41)
295	MECHANICAL- SOIL-ADVANCED	Soil	Triaxial Compression Consolidated Drained - Angle of Internal Friction (phi)	ASTM D7181
296	MECHANICAL- SOIL-ADVANCED	Soil	Triaxial Compression Consolidated Drained - Cohesion	ASTM D7181

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297	MECHANICAL- SOIL-ADVANCED	Soil	Triaxial Compression consolidated undrained - Angle of Internal Friction (phi)	ASTM D4767
298	MECHANICAL- SOIL-ADVANCED	Soil	Triaxial Compression consolidated undrained - Angle of Internal Friction (phi)	IS 2720 : Part 12
299	MECHANICAL- SOIL-ADVANCED	Soil	Triaxial Compression consolidated undrained - Cohesion	ASTM D4767
300	MECHANICAL- SOIL-ADVANCED	Soil	Triaxial Compression consolidated undrained - Cohesion	IS 2720 : Part 12
301	MECHANICAL- SOIL AND ROCK	Bentonite	Density of Slurry	ASTM D4380
302	MECHANICAL- SOIL AND ROCK	Bentonite	Liquid Limit	IS 2720, Part 5
303	MECHANICAL- SOIL AND ROCK	Bentonite	Marsh Cone Viscosity	ASTM D6910
304	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture Content	IS 2720, Part 2
305	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content by Grain Size (0.075 to 4.75 mm)	IS 6186
306	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Apparent Specific gravity	IS 1124
307	MECHANICAL- SOIL AND ROCK	Natural Building stone	Compressive Strength	IS 1121 (Part 1)
308	MECHANICAL- SOIL AND ROCK	Natural Building stone	True specific gravity	IS 1122
309	MECHANICAL- SOIL AND ROCK	Natural Building stone	Water Absorption	IS 1124
310	MECHANICAL- SOIL AND ROCK	Soil and Rock	Thermal Conductivity	ASTM D5334
311	MECHANICAL- SOIL AND ROCK	Stone (Granite, Kota Stone, Marble)	Apparent Porosity	IS 1124
312	MECHANICAL- SOIL AND ROCK	Stone (Granite, Kota Stone, Marble)	Moisture Content	IS 13030
313	MECHANICAL- SOIL AND ROCK	Stone (Granite, Kota Stone, Marble)	Resistance to Wear	IS 1706

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314	MECHANICAL- SOIL AND ROCK	Stone (Granite, Kota Stone, Marble)	Scratch Hardness of Surface (Moh's Scale)	IS 13630, Part 13
315	MECHANICAL- SOIL- BASIC	Soil	California Bearing Ratio	IS 2720 (Part 16)
316	MECHANICAL- SOIL- BASIC	Soil	Consolidation Properties - Pc	IS 2720 (Part 15)
317	MECHANICAL- SOIL- BASIC	Soil	Direct Shear - Angle of Shearing Resistance	IS 2720 (Part 13)
318	MECHANICAL- SOIL- BASIC	Soil	Direct Shear - Cohesion	IS 2720 (Part 13)
319	MECHANICAL- SOIL- BASIC	Soil	Free Swell Index	IS 2720 (Part 40)
320	MECHANICAL- SOIL- BASIC	Soil	Grain Size Analysis by Dry Sieving (4.75 to 80 mm)	IS 2720 (Part 4)
321	MECHANICAL- SOIL- BASIC	Soil	Grain Size Analysis by Hydrometer	IS 2720 (Part 4)
322	MECHANICAL- SOIL- BASIC	Soil	Grain Size Analysis by Wet Sieving (0.075 to 4.75 mm)	IS 2720 (Part 4)
323	MECHANICAL- SOIL- BASIC	Soil	Heavy Compaction - Maximum Dry Density	IS 2720 (Part 8)
324	MECHANICAL- SOIL- BASIC	Soil	Heavy Compaction - Optimum Moisture Content	IS 2720 (Part 8)
325	MECHANICAL- SOIL- BASIC	Soil	Light Compaction - Maximum Dry Density	IS 2720 (Part 7)
326	MECHANICAL- SOIL- BASIC	Soil	Light Compaction - Optimum Moisture Content	IS 2720 (Part 7)
327	MECHANICAL- SOIL- BASIC	Soil	Liquid Limit	IS 2720 (Part 5)
328	MECHANICAL- SOIL- BASIC	Soil	Plastic Limit	IS 2720 (Part 5)
329	MECHANICAL- SOIL- BASIC	Soil	Shrinkage Limit	IS 2720 (Part 6)
330	MECHANICAL- SOIL- BASIC	Soil	Specific Gravity	IS 2720 (Part 3 / Sec 1)
331	MECHANICAL- SOIL- BASIC	Soil	Triaxial Compression - Angle of Internal Friction (phi)	IS 2720 (Part 11)
332	MECHANICAL- SOIL- BASIC	Soil	Triaxial Compression - Cohesion	IS 2720 (Part 11)
333	MECHANICAL- SOIL- BASIC	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)
334	MECHANICAL- SOIL- BASIC	Soil	Water Content by Oven Drying Method	IS 2720 (Part 2)

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335	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforce Concrete Structure	Depth of Carbonation	BS EN 14630
336	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer Test	IS 516, Part 5, Sec 4
337	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse Velocity	IS 516, Part 5, Sec 1

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Rock	In-situ Permeability Tests	IS 5529, Part 2
2	MECHANICAL- SOIL AND ROCK	Rock	In-situ Permeability Tests	IS 5529, Part 2
3	MECHANICAL- SOIL AND ROCK	Rock	Plate Load Test (as specified in IS 12070: 1987)	IS 1888
4	MECHANICAL- SOIL AND ROCK	Rock	Standard Penetration (as specified in IS:2911 (Part 1): 2010 & IRC:78: 2014	IS 2131
5	MECHANICAL- SOIL AND ROCK	Soil	In-situ permeability test	IS 5529, Part 1
6	MECHANICAL- SOIL AND ROCK	Soil	Pressure Meter	ASTM D4719
7	MECHANICAL- SOIL AND ROCK	Soil and Rock	Crosshole Seismic Test	ASTM D4428
8	MECHANICAL- SOIL AND ROCK	Soil and Rock	Downhole Seismic Test	ASTM D7400
9	MECHANICAL- SOIL AND ROCK	Soil and Rock	Dynamic properties of soil	IS 5249
10	MECHANICAL- SOIL AND ROCK	Soil and Rock	Seismic Refraction Test (SRT)	IS 15681
11	MECHANICAL- SOIL AND ROCK	Soil and Rock	Thermal Conductivity	ASTM D5334
12	MECHANICAL- SOIL- FIELD	Soil	Dry Density by Core Cutter Method	IS 2720 (Part 29)
13	MECHANICAL- SOIL- FIELD	Soil	Dry Density by Sand Replacement Method	IS 2720 (Part 28)
14	MECHANICAL- SOIL- FIELD	Soil	Dynamic Cone Penetration	IS 4968 (Part 1)
15	MECHANICAL- SOIL- FIELD	Soil	Field CBR	IS 2720 (Part 31)
16	MECHANICAL- SOIL- FIELD	Soil	Pile Load Test - Lateral Load	IS 2911 (Part 4, Clause 8)
17	MECHANICAL- SOIL- FIELD	Soil	Pile Load Test - Pull Out Load	IS 2911 (Part 4, Clause 9)
18	MECHANICAL- SOIL- FIELD	Soil	Pile Load Test - Vertical Load	IS 2911, Part - 4 (Clause 7)
19	MECHANICAL- SOIL- FIELD	Soil	Plate Load Test	IS 1888
20	MECHANICAL- SOIL- FIELD	Soil	Soil Resistivity Test	IS 3043, Clause 40
21	MECHANICAL- SOIL- FIELD	Soil	Standard Penetration Test	IS 2131

SCOPE OF ACCREDITATION

Laboratory Name :	KCT CONSULTANCY SERVICES, "KCT HOUSE", PLOT NO. 1, SHAYONA SILVER ESTATE, PART-II, OFF. S.G. ROAD, GOTA, AHMEDABAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6189	**Page No**	22 of 22
Validity	29/09/2022 to 28/09/2024	**Last Amended on**	09/02/2023

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
22	MECHANICAL- SOIL- FIELD	Soil	Static Cone Penetration (Cone Resistance)	IS 4968 (Part 3)
23	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforce Concrete Structure	Cover Meter Test	BS 1881-204
24	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforce Concrete Structure	Depth of Carbonation	BS EN 14630
25	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforce Concrete Structure	Determination of Crack Depth using UPV Test	IS 516, Part 5, Sec 1
26	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforce Concrete Structure	Half Cell Potential Test	ASTM C896
27	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Pile	Low Strain Pile Integrity Test	IS 14893
28	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer Test	IS 516, Part 5, Sec 4
29	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse Velocity	IS 516, Part 5, Sec 1