National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	LANDMARK CONSULTANTS & ENGG. TECHNOLOGY, UNIT NO. 5, SETHIA INDUSTRIAL PARK, NEAR GOLDEN HOTEL, HIGHWAY NO. 8, VASAI PHATA, VASAI, PALGHAR, MAHARASHTRA, 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	Chloride Content	IS 6925
2	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
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	Coarse Aggregate	Alkali Aggregate Reactivity - Dissolved Silica	IS 2386 (Part 7)
7	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Alkali Aggregate Reactivity - Reduction in Alkalinity	IS 2386 (Part 7)
8	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Chloride Content	BS EN 1744 - 1
9	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	pH Value	IS 2720 (Part 26)
10	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Sulphates (SO3)	BS EN 1744 - 1
11	CHEMICAL- BUILDING MATERIAL	Concrete	Sulphate (SO3)	BS 1881 (Part 124)
12	CHEMICAL- BUILDING MATERIAL	Concrete	Cement Content (Cement : Aggregate Ratio)	IS 516 (Part 11)
13	CHEMICAL- BUILDING MATERIAL	Concrete	Chloride Content (Acid Soluble)	BS 1881 (Part 124)
14	CHEMICAL- BUILDING MATERIAL	Concrete	pH Value	IS 2720 (Part 26)
15	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Alkali Aggregate Reactivity - Dissolved Silica	IS 2386 (Part 7)
16	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Alkali Aggregate Reactivity - Reduction in Alkalinity	IS 2386 (Part 7)
17	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Chloride Content	BS EN 1744 - 1
18	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	pH Value	IS 2720 (Part 26)

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19	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Sulphates (SO3)	BS EN 1744 - 1
20	CHEMICAL- BUILDING MATERIAL	Fly Ash	Alumina (Al2O3)	IS 1727
21	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chloride Content	IS 4032
22	CHEMICAL- BUILDING MATERIAL	Fly Ash	Iron Oxide (Fe2O3)	IS 1727
23	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss On Ignition	IS 1727
24	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesia (MgO)	IS 1727
25	CHEMICAL- BUILDING MATERIAL	Fly Ash	Potash (K2O)	IS 4032
26	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica (SiO2)	IS 1727
27	CHEMICAL- BUILDING MATERIAL	Fly Ash	Soda (Na2O)	IS 4032
28	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphuric Anhydride (SO3)	IS 1727
29	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Alumina (Al2O3)	IS 4032
30	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Iron Oxide (Fe2O3)	IS 4032
31	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Lime (CaO)	IS 4032
32	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Loss On Ignition	IS 4032
33	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Magnesia (MgO)	IS 4032
34	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Manganese Oxide (MnO)	IS 4032
35	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Moisture	IS 16714
36	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Silica (SiO2)	IS 4032
37	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Sodium Oxide (Na2O)	IS 4032

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38	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Sulphuric Anhydride (SO3)	IS 4032
39	CHEMICAL- BUILDING MATERIAL	Gypsum & Gypsum Plaster	Free Lime	IS 2547 (Part - 1)
40	CHEMICAL- BUILDING MATERIAL	Gypsum & Gypsum Plaster	Lime (CaO)	IS 2547 (Part - 1)
41	CHEMICAL- BUILDING MATERIAL	Gypsum & Gypsum Plaster	Loss On Ignition	IS 2547 (Part - 1)
42	CHEMICAL- BUILDING MATERIAL	Gypsum & Gypsum Plaster	Magnesia (MgO)	IS 2547 (Part1)
43	CHEMICAL- BUILDING MATERIAL	Gypsum & Gypsum Plaster	Soda (Na2O)	IS 2547 (Part - 1)
44	CHEMICAL- BUILDING MATERIAL	Gypsum & Gypsum Plaster	Sulphates (SO3)	IS 1288
45	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Alumina (Al2O3)	IS 4032
46	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Chloride	IS 4032
47	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Insoluble Residue	IS 4032
48	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Iron Oxide (Fe2O3)	IS 4032
49	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Lime (CaO)	IS 4032
50	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Loss on Ignition	IS 4032
51	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Magnesia (MgO)	IS 4032
52	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Potash (K2O)	IS 4032
53	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Silica (SiO2)	IS 4032
54	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Soda (Na2O)	IS 4032
55	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement	Sulphuric Anhydride (SO3)	IS 4032
56	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Chloride Content	IS 4032

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57	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Insoluble Residue	IS 4032
58	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Loss On Ignition	IS 4032
59	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Magnesia (MgO)	IS 4032
60	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Potash (K2O)	IS 4032
61	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Soda (Na2O)	IS 4032
62	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement	Sulphuric Anhydride (SO3)	IS 4032
63	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement	Chloride Content	IS 4032
64	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement	Insoluble Residue	IS 4032
65	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement	Lime (CaO)	IS 4032
66	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement	Loss on Ignition	IS 4032
67	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement	Magnesia (MgO)	IS 4032
68	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement	Potash (K2O)	IS 4032
69	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement	Silica (SiO2)	IS 4032
70	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement	Soda (Na2O)	IS 4032
71	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement	Sulphuric Anhydride (SO3)	IS 4032
72	CHEMICAL- BUILDING MATERIAL	Silica Fumes / Micro Silica	Loss On Ignition	IS 1727
73	CHEMICAL- BUILDING MATERIAL	Silica Fumes/Micro Silica	Moisture	IS 15388
74	CHEMICAL- BUILDING MATERIAL	Silica Fumes/Micro Silica	Silica (SiO2)	IS 1727
75	CHEMICAL- BUILDING MATERIAL	Silica Fumes/Micro Silica	Sodium Oxide (Na2O)	IS 4032

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76	CHEMICAL- METALS & ALLOYS	Low Alloy Carbon Steel	Carbon	IS 228 : Part 1
77	CHEMICAL- METALS & ALLOYS	Low Alloy Carbon Steel	Phosphorus	IS 228 : Part 3
78	CHEMICAL- METALS & ALLOYS	Low Alloy Carbon Steel	Sulphur by Evolution method	IS 228 : Part 9
79	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonate	IS 2720 (Part 23)
80	CHEMICAL- SOIL AND ROCK	Soil	Chloride	BS 1377 - 3
81	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720(Part 22)
82	CHEMICAL- SOIL AND ROCK	Soil	pH Value	IS 2720 (Part 26)
83	CHEMICAL- SOIL AND ROCK	Soil	Potassium	IS 9497
84	CHEMICAL- SOIL AND ROCK	Soil	Sodium	IS 9497
85	CHEMICAL- SOIL AND ROCK	Soil	Sulphate (SO4)	IS 2720 (Part 27)
86	CHEMICAL- WATER	Water for construction purpose	Acidity	IS 3025 (Part 22)
87	CHEMICAL- WATER	Water for construction purpose	Alkalinity	IS 3025 (Part 23)
88	CHEMICAL- WATER	Water for construction purpose	Chlorides	IS 3025 (Part 32)
89	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS 3025 (Part 18)
90	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS 3025 (Part 18)
91	CHEMICAL- WATER	Water for construction purpose	pH Value	IS 3025 (Part 11)
92	CHEMICAL- WATER	Water for construction purpose	Sulphate (SO3)	IS 3025 (Part 24)
93	CHEMICAL- WATER	Water for construction purpose	Suspended Matter	IS 3025 (Part 17)
94	CHEMICAL- WATER	Water for construction purpose	Total Dissolved Solids	IS 3025 (Part 16)
95	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Dimensions-Height	IS 2185 (Part 3)
96	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Dimensions-Length	IS 2185 (Part 3)
97	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular (Aerated) Concrete Blocks	Dimensions-Thickness	IS 2185 (Part 3)

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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
98	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Block	Compressive Strength	IS 6441 (Part 5)
99	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Block	Density of Block	IS 6441 (Part 1)
100	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Block	Drying Shrinkage	IS 6441(Part 2)
101	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Block	Moisture Content	IS 6441 (Part 1)
102	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
103	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Fire Point	IS 1209
104	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point	IS 1209
105	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
106	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
107	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
108	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Viscosity Absolute	IS 1206 (Part II)
109	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Viscosity Kinematic	IS 1206 (Part III)
110	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Binder Content	ASTM D2172
111	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Bulk Density	IS 2386 (Part 3)
112	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Crushing Value	IS 2386 (Part 4)
113	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Density	ASTM D6927
114	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Elongation Index	IS 2386 (Part 1)
115	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Flakiness Index	IS 2386 (Part 1)
116	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Impact Value	IS 2386 (Part 4)

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117	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Load required for 10% Fine Value	IS 2386 (Part - 4)
118	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Marshal Flow	ASTM D 6927
119	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Marshal Stability	ASTM D 6927
120	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Sieve analysis (Sieve Size: 75 µm to 75mm)	IS 2386 (Part 1)
121	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Specific Gravity	IS 2386 (Part 3)
122	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Water Absorption	IS 2386 (Part 3)
123	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam(BM)	Binder Content	ASTM D2172
124	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam(BM)	Bulk Density	IS 2386 (Part 3)
125	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam(BM)	Crushing Value	IS 2386 (Part 4)
126	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam(BM)	Density	ASTM D6927
127	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam(BM)	Elongation Index	IS 2386 (Part 1)
128	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam(BM)	Flakiness Index	IS 2386 (Part 1)
129	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam(BM)	Impact Value	IS 2386 (Part 4)
130	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam(BM)	Load required for 10% Fine Value	IS 2386 (Part - 4)
131	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam(BM)	Sieve Analysis (Sieve Size: 75 µm to 75mm)	IS 2386 (Part 1)
132	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam(BM)	Specific Gravity	IS 2386 (Part 3)
133	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam(BM)	Water Absorption	IS 2386 (Part 3)
134	MECHANICAL- BUILDINGS MATERIALS	Bricks (Pulverised Fuel Fly Ash)	Dimensions-Length	IS 12894
135	MECHANICAL- BUILDINGS MATERIALS	Bricks (Pulverised Fuel Fly Ash)	Dimensions-Thickness	IS 12894

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136	MECHANICAL- BUILDINGS MATERIALS	Bricks (Pulverised Fuel Fly Ash)	Dimensions-Width	IS 12894
137	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Compressive Strength	IS 3495 (Part 1)
138	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Dimensions-Length	IS 1077
139	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Dimensions-Thickness	IS 1077
140	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Dimensions-Width	IS 1077
141	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Efflorescence	IS 3495 (Part 3)
142	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Water Absorption	IS 3495 (Part 2)
143	MECHANICAL- BUILDINGS MATERIALS	Bricks (Pulverized Fuel Ash Bricks)	Compressive Strength	IS 3495 (Part 1)
144	MECHANICAL- BUILDINGS MATERIALS	Bricks (Pulverized Fuel Ash Bricks / Burnt Clay Bricks)	Efflorescence	IS 3495 (Part 3)
145	MECHANICAL- BUILDINGS MATERIALS	Bricks (Pulverized Fuel Ash Bricks)	Water Absorption	IS 3495 (Part 2)
146	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by dry Sieving	IS 4031 (Part 1)
147	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
148	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 (Part 11)
149	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
150	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial SettingTime	IS 4031 (Part 5)
151	MECHANICAL- BUILDINGS MATERIALS	Cement	Normal Consistency	IS 4031 (Part 4)
152	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le–Chatelier's method	IS 4031 (Part 3)
153	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimensions-Length	IS: 13630(Part 1)
154	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimensions-Thickness	IS: 13630(Part 1)

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155	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimensions-Width	IS: 13630(Part 1)
156	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS: 13630(Part 2)
157	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tile	Water Absorption	IS 13801
158	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement Concrete Tile	Wet Transverse Strength	IS 13801
159	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	10 percent Fines Value	IS 2386 (Part 4)
160	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Angularity Test	IS 2386 (Part 1)
161	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density (Loose)	IS 2386 (Part 3)
162	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 (Part 4)
163	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Deleterious Material (Coal & Lignite)	IS 2386 (Part 2)
164	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Deleterious Material Clay Lumps	IS 2386 (Part 2)
165	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1)
166	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1)
167	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (Part 4)
168	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (Sieve Size: 1.18 mm to 125 mm)	IS 2386 (Part 1)
169	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness - MgSO4	IS 2386 (Part 5)
170	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness - Na2SO4	IS 2386 (Part 5)
171	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (Part 3)
172	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (Part 3)
173	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength (Core)	IS 516 part 4

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174	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength (Cube)	IS 516 part 1 sec1
175	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength by Boiling Water Method	IS 9013
176	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Binder Content	ASTM D2172
177	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Bulk Density	IS 2386 (Part 3)
178	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Crushing Value	IS 2386 (Part 4)
179	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Density	ASTM D6927
180	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Elongation Index	IS 2386 (Part 1)
181	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Flakiness Index	IS 2386 (Part 1)
182	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Impact Value	IS 2386 (Part 4)
183	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Load required for 10% Fine Value	IS 2386 (Part - 4)
184	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Marshal Flow	ASTM D 6927
185	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Marshal Stability	ASTM D 6927
186	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Sieve Analysis (Sieve Size: 75 µm to 75mm)	IS 2386 (Part 1)
187	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Specific Gravity	IS 2386 (Part 3)
188	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Water Absorption	IS 2386 (Part 3)
189	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Deleterious Material (Coal & Lignite)	IS 2386 (Part 2)
190	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density (Loose)	IS 2386 (Part 3)
191	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Deleterious Material (Clay Lumps)	IS 2386 (Part 2)
192	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Material Finer than 75 Micron	IS 2386 (Part 1)

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193	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (Sieve Size: 75 µm to 4.75 mm))	IS 2386 (Part 1)
194	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Silt Content	CPWD Specifications Volume -1
195	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness - MgSO4	IS 2386 (Part 5)
196	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness - Na2SO4	IS 2386 (Part 5)
197	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3)
198	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
199	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727
200	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Drying Shrinkage	IS 1727
201	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Final Setting Time	IS 1727
202	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness	IS 1727
203	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Initial Setting Time	IS 1727
204	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Lime Reactivity	IS 1727
205	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by Le-Chatelier Method	IS 1727
206	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS 1727
207	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Bulk Density	IS 2386 (Part 3)
208	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Crushing Value/ Impact Value	IS 2386 (Part 4)
209	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Elongation Index	IS 2386 Part-1
210	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Flakiness Index	IS 2386 Part-1
211	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Impact Value	IS 2386 (Part 4)

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212	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Load required for 10% Fine Value	IS 2386 (Part - 4)
213	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Sieve Analysis (Sieve Size: 0.075 to 75mm)	IS 2386 (Part 1)
214	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Specific Gravity	IS 2386 (Part 3)
215	MECHANICAL- BUILDINGS MATERIALS	Granular Sub Base	Water Absorption	IS 2386 (Part 3)
216	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag (GGBS)	Compressive Strength	IS 4031 (Part-6)
217	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag (GGBS)	Fineness by Dry Sieving	IS 4031 (Part-1)
218	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag (GGBS)	Specific Gravity	IS 4031 (Part-11)
219	MECHANICAL- BUILDINGS MATERIALS	Mastic Asphalt	Binder content	IRC-SP 112
220	MECHANICAL- BUILDINGS MATERIALS	Mastic Asphalt	Gradation	IS 2386 : Part 1
221	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Compressive Strength	IS 1727
222	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Final Setting Time	IS 1727
223	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Fineness	IS 1727
224	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Initial Setting Time	IS 1727
225	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Soundness by Le-Chatelier Method	IS 1727
226	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Specific Gravity	IS 1727
227	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658 Annex D
228	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimensions-Length	IS: 15658 Annex B
229	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimensions-Thickness	IS: 15658: Annex B
230	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimensions-Width	IS: 15658 Annex B

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231	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658 Annex C
232	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Kerbs, Channels, Edgings, Quadrants And Gutter Apronsx	Transverse Strength	BS: 7263(Part-1)
233	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Kerbs, Channels, Edgings, Quadrants And Gutter Apronsx	Water Absorption	BS: 7263(Part-1)
234	MECHANICAL- BUILDINGS MATERIALS	Solid Concrete Block	Compressive Strength	IS 2185 (Part 1)
235	MECHANICAL- BUILDINGS MATERIALS	Solid Concrete Block	Density	IS 2185 (Part 1)
236	MECHANICAL- BUILDINGS MATERIALS	Solid Concrete Block	Water Absorption	IS 2185 (Part 1)
237	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Bulk Density	IS 2386 (Part 3)
238	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Crushing Value	IS 2386 (Part 4)
239	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Elongation Index	IS 2386 (Part 1)
240	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Flakiness Index	IS 2386 (Part 1)
241	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Impact Value	IS 2386 (Part 4)
242	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Load required for 10% Fine Value	IS 2386 (Part - 4)
243	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Sieve Analysis (Sieve Size: 75 µm to 75mm)	IS 2386 (Part 1)
244	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Specific Gravity	IS 2386 (Part 3)
245	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Water Absorption	IS 2386 (Part 3)
246	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Bulk Density	IS 2386 (Part 3)
247	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Crushing Value	IS 2386 (Part 4)
248	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Elongation Index	IS 2386 (Part 1)
249	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Flakiness Index	IS 2386 (Part 1)

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250	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Impact Value	IS 2386 (Part 4)
251	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Load required for 10% Fine Value	IS 2386 (Part - 4)
252	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Sieve Analysis (Sieve Size: 75 µm to 75mm)	IS 2386 (Part 1)
253	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Specific Gravity	IS 2386 (Part 3)
254	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Water Absorption	IS 2386 (Part 3)
255	MECHANICAL- BUILDINGS MATERIALS	White Portland Cement	Compressive Strength	IS 4031 (Part 6)
256	MECHANICAL- BUILDINGS MATERIALS	White Portland Cement	Density	IS 4031 (Part 11)
257	MECHANICAL- BUILDINGS MATERIALS	White Portland Cement	Final Setting Time	IS 4031 (Part 5)
258	MECHANICAL- BUILDINGS MATERIALS	White Portland Cement	Fineness by Dry Sieving	IS 4031 (Part 1)
259	MECHANICAL- BUILDINGS MATERIALS	White Portland Cement	Initial Setting Time	IS 4031 (Part 5)
260	MECHANICAL- BUILDINGS MATERIALS	White Portland Cement	Soundness by Le-Chatelier Method	IS 4031 (Part 3)
261	MECHANICAL- BUILDINGS MATERIALS	White Portland Cement	Standard Consistency	IS 4031 (Part 4)
262	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars	0.2% Proof Stress	IS 1608 (Part 1)
263	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars	Bend Test	IS 1599
264	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars	Elongation	IS 1608 (Part 1)
265	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars	Mass Per Meter	IS 1786
266	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars	Rebend Test	IS 1786

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267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars	Ultimate Tensile Strength	IS 1608 (Part 1)
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars	Yield Strength	IS 1608 (Part 1)
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel (Steel Plates, Chequered Plates, Dowel Bar, Prestressing steel, Hollow Section, Steel tubes, GI Pipes, Steel Beam, Steel Column, Steel Angles, Reinforced Coupler, Mild Steel)	Bend Test	IS 1599
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel (Steel Plates, Chequered Plates, Dowel Bar, Prestressing steel, Hollow Section, Steel tubes, GI Pipes, Steel Beam, Steel Column, Steel Angles, Reinforced Coupler, Mild Steel)	Elongation	IS 1608 (Part 1)
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel (Steel Plates, Chequered Plates, Dowel Bar, Prestressing steel, Hollow Section, Steel tubes, GI Pipes, Steel Beam, Steel Column, Steel Angles, Reinforced Coupler, Mild Steel)	Ultimate Tensile Strength	IS 1608 (Part 1)
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel (Steel Plates, Chequered Plates, Dowel Bar, Prestressing steel, Hollow Section, Steel tubes, GI Pipes, Steel Beam, Steel Column, Steel Angles, Reinforced Coupler, Mild Steel)	Yield Stress	IS 1608 (Part 1)
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	Dimension (Length of Lay)	IS 14268
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	Dimension (Nominal area)	IS 14268
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	Dimension (Nominal diameter)	IS 14268
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	Nominal Mass	IS 14268
277	MECHANICAL- SOIL AND ROCK	Granular Sub Base	In Situ Soil - Dry density by sand replacement method	IS 2720 (Part 28): 1974
278	MECHANICAL- SOIL AND ROCK	Granular Sub Base	California Bearing Ratio	IS 2720 (Part 16)
279	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Liquid Limit	IS 2720(Part 5)
280	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Plastic Limit	IS 2720 Part 5

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281	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Proctor density-Heavy compaction (MDD)	IS 2720 (Part 8)
282	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Proctor density-Heavy compaction (OMC)	IS 2720 (Part 8)
283	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Proctor density-Light compaction (MDD)	IS 2720 (Part 7)
284	MECHANICAL- SOIL AND ROCK	Granular Sub Base	Proctor density-Light compaction (OMC)	IS 2720 (Part 7)
285	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Apparent Specific Gravity	IS1124
286	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Compressive Strength	IS1121(Part-1)
287	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Porosity	IS1124
288	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Water Absorption	IS1124
289	MECHANICAL- SOIL AND ROCK	Rock	Density	IS13030
290	MECHANICAL- SOIL AND ROCK	Rock	Point Load Test	IS 8764
291	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS13030
292	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
293	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS13030
294	MECHANICAL- SOIL AND ROCK	Soil	C.B.R. (California Bearing Ratio)	IS 2720 (Part 16)
295	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of Internal Friction)	IS 2720 : Part 13
296	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Coefficient of Cohession)	IS 2720 (Part 13)
297	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part-40)
298	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Sieve Size: 75 micron to 80 mm)	IS 2720 (Part 4)
299	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction- OMC	IS 2720 (Part 8)

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300	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction-MDD	IS 2720 (Part 18)
301	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction- MDD	IS 2720 (Part 7)
302	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction-OMC	IS 2720 (Part 7)
303	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
304	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
305	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part-3/Sec-1)
306	MECHANICAL- SOIL AND ROCK	Soil	Water Content (Oven Drying)	IS 2720 (Part 2)
307	MECHANICAL- SOIL AND ROCK	Water Bound Macadam (WBM)	California Bearing Ratio	IS 2720 (Part-16)
308	MECHANICAL- SOIL AND ROCK	Water Bound Macadam (WBM)	Heavy Compaction-MDD	IS 2720 (Part-8)
309	MECHANICAL- SOIL AND ROCK	Water Bound Macadam (WBM)	Heavy Compaction-OMC	IS 2720 (Part-8)
310	MECHANICAL- SOIL AND ROCK	Water Bound Macadam (WBM)	Light Compaction-MDD	IS 2720 (Part-7)
311	MECHANICAL- SOIL AND ROCK	Water Bound Macadam (WBM)	Light Compaction-OMC	IS 2720 (Part-7)
312	MECHANICAL- SOIL AND ROCK	Water Bound Macadam (WBM)	Liquid Limit	IS 2720 (Part-5)
313	MECHANICAL- SOIL AND ROCK	Water Bound Macadam (WBM)	Plastic Limit	IS 2720 (Part-5)
314	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam (WMM)	California Bearing Ratio	IS 2720 (Part-16)
315	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam (WMM)	Heavy Compaction-MDD	IS 2720 (Part-8)
316	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam (WMM)	Heavy Compaction-OMC	IS 2720 (Part-8)
317	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam (WMM)	Light Compaction-MDD	IS 2720 (Part-7)
318	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam (WMM)	Light Compaction-OMC	IS 2720 (Part-7)

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319	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam (WMM)	Liquid Limit	IS 2720 (Part-5)
320	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam (WMM)	Plastic Limit	IS 2720 (Part-5)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Wet Mix Macadam	Dry Density by Sand Replacement Method	IS 2720(Part 28)
2	MECHANICAL- SOIL AND ROCK	Asphalt	In Situ Soil - Dry Density by Sand Replacement Method	IS 2720(Part 28)
3	MECHANICAL- SOIL AND ROCK	Granular Sub Base / Wet Mix Macadam / Water Bound Macadam	In Situ Soil - Dry Density by Sand Replacement Method	IS 2720(Part 28)
4	MECHANICAL- SOIL AND ROCK	Soil	In Situ Soil - Dry Density by Core Cutter	IS 2720(Part 29)
5	MECHANICAL- SOIL AND ROCK	Soil	In Situ Soil - Dry Density by Sand Replacement Method	IS 2720(Part 28)
6	MECHANICAL- SOIL AND ROCK	Water Bound Macadam	Dry Density by Sand Replacement Method	IS 2720(Part 28)
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Piles	Pile Integrity	ASTM D5882
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Half Cell Potential	IS 516 (Part 5/Sec 2)
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Rebound Hammer	IS 516 (Part 5/Sec 4)
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structure	Ultrasonic Pulse Velocity	IS 516 (Part 5, Section 1)