National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	INDIAN MATERIAL RESEARCH CENTER, PLOT NO.G75/76, SECTOR-12, KHARGHAR, NAVI MUMBAI, RAIGAD, 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
LOCATION 1-PLOT NO.G75/76, SECTOR-12, KHARGHAR, NAVI MUMBAI, RAIGAD, MAHARASHTRA, INDIA 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	Admixture	Sulphates (SO4)	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Accelerated Corrosion Test For 21 Hrs	RDSO SPECIFICATION No. M&C/PCN/126: Appendix-I
8	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Appearance	RDSO SPECIFICATION No. M&C/PCN/126
9	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Immersion Test For 720 Hrs	RDSO SPECIFICATION No. M&C/PCN/126
10	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Odour	RDSO SPECIFICATION No. M&C/PCN/126
11	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	pH	IS 9103
12	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Skin Irritation	RDSO SPECIFICATION No. M&C/PCN/126
13	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Specific Gravity at 27+/-2 °C	IS 1448 (Part 16)
14	CHEMICAL- BUILDING MATERIAL	Bipolar Concrete Penetrating Corrosion Inhibiting Admixture	Viscosity By Ford Cup	IS 101 (Part 1) Sec 5
15	CHEMICAL- BUILDING MATERIAL	Cement - Ordinary Portland Cement	Alumina (Al2O3)	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Cement - Ordinary Portland Cement	Chloride	IS 4032
17	CHEMICAL- BUILDING MATERIAL	Cement - Ordinary Portland Cement	Insoluble Residue	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Cement - Ordinary Portland Cement	Iron Oxide (Fe2O3)	IS 4032

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19	CHEMICAL- BUILDING MATERIAL	Cement - Ordinary Portland Cement	Lime (CaO)	IS 4032
20	CHEMICAL- BUILDING MATERIAL	Cement - Ordinary Portland Cement	Loss on Ignition	IS 4032
21	CHEMICAL- BUILDING MATERIAL	Cement - Ordinary Portland Cement	Magnesia (MgO)	IS 4032
22	CHEMICAL- BUILDING MATERIAL	Cement - Ordinary Portland Cement	Potash (K2O)	IS 4032
23	CHEMICAL- BUILDING MATERIAL	Cement - Ordinary Portland Cement	Silica (SiO2)	IS 4032
24	CHEMICAL- BUILDING MATERIAL	Cement - Ordinary Portland Cement	Soda (Na2O)	IS 4032
25	CHEMICAL- BUILDING MATERIAL	Cement - Ordinary Portland Cement	Sulphuric Anhydride (SO3)	IS 4032
26	CHEMICAL- BUILDING MATERIAL	Cement - Portland Slag Cement	Chloride Content	IS 4032
27	CHEMICAL- BUILDING MATERIAL	Cement - Portland Slag Cement	Insoluble Residue	IS 4032
28	CHEMICAL- BUILDING MATERIAL	Cement - Portland Slag Cement	Loss On Ignition	IS 4032
29	CHEMICAL- BUILDING MATERIAL	Cement - Portland Slag Cement	Magnesia (MgO)	IS 4032
30	CHEMICAL- BUILDING MATERIAL	Cement - Portland Slag Cement	Potash (K2O)	IS 4032
31	CHEMICAL- BUILDING MATERIAL	Cement - Portland Slag Cement	Soda (Na2O)	IS 4032
32	CHEMICAL- BUILDING MATERIAL	Cement - Portland Slag Cement	Sulphuric Anhydride (SO3)	IS 4032
33	CHEMICAL- BUILDING MATERIAL	Cement - Pozzolana Portland Cement	Chloride Content	IS 4032
34	CHEMICAL- BUILDING MATERIAL	Cement - Pozzolana Portland Cement	Insoluble Residue	IS 4032
35	CHEMICAL- BUILDING MATERIAL	Cement - Pozzolana Portland Cement	Loss on Ignition	IS 4032
36	CHEMICAL- BUILDING MATERIAL	Cement - Pozzolana Portland Cement	Magnesia (MgO)	IS 4032
37	CHEMICAL- BUILDING MATERIAL	Cement - Pozzolana Portland Cement	Potash (K2O)	IS 4032

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38	CHEMICAL- BUILDING MATERIAL	Cement - Pozzolana Portland Cement	Silica (SiO2)	IS 4032
39	CHEMICAL- BUILDING MATERIAL	Cement - Pozzolana Portland Cement	Soda (Na2O)	IS 4032
40	CHEMICAL- BUILDING MATERIAL	Cement - Pozzolana Portland Cement	Sulphuric Anhydride (SO3)	IS 4032
41	CHEMICAL- BUILDING MATERIAL	Cement- Pozzolana Portland Cement	Lime (CaO)	IS 4032
42	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Alkali Aggregate Reactivity - Dissolved Silica	IS 2386 (Part 7)
43	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Alkali Aggregate Reactivity - Reduction in Alkalinity	IS 2386 (Part 7)
44	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Chloride Content	BS EN 1744 - 1
45	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	pH Value	IMRC/STP/CHEM/006 Issue No. 01, dated 23-05-2019
46	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Sulphates (SO3)	BS EN 1744 - 1
47	CHEMICAL- BUILDING MATERIAL	Concrete	Cement Content (Cement : Aggregate Ratio)	IS 516 (Part 11)
48	CHEMICAL- BUILDING MATERIAL	Concrete	Chloride Content (Acid Soluble)	BS 1881 (Part 124)
49	CHEMICAL- BUILDING MATERIAL	Concrete	Chloride Content (Acid Soluble)	IS 14959 (Part 2)
50	CHEMICAL- BUILDING MATERIAL	Concrete	Chloride Content (Water Soluble)	IS 14959 (Part 2)
51	CHEMICAL- BUILDING MATERIAL	Concrete	pH Value	IMRC/STP/CHEM/006 Issue No. 01, dated 23-05-2019
52	CHEMICAL- BUILDING MATERIAL	Concrete	Sulphate (SO3)	BS 1881 (Part 124)
53	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Alkali Aggregate Reactivity - Dissolved Silica	IS 2386 (Part 7)
54	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Alkali Aggregate Reactivity - Reduction in Alkalinity	IS 2386 (Part 7)
55	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Chloride Content	BS EN 1744 - 1
56	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	pH Value	IMRC/STP/CHEM/006 Issue No. 01, dated 23-05-2019

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57	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Sulphates (SO3)	BS EN 1744 - 1
58	CHEMICAL- BUILDING MATERIAL	Fly Ash	Alumina (Al2O3)	IS 1727
59	CHEMICAL- BUILDING MATERIAL	Fly Ash	Calcium Oxide (CaO)	IS 1727
60	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chloride Content	IS 4032
61	CHEMICAL- BUILDING MATERIAL	Fly Ash	Iron Oxide (Fe2O3)	IS 1727
62	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss On Ignition	IS 1727
63	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesia (MgO)	IS 1727
64	CHEMICAL- BUILDING MATERIAL	Fly Ash	Potash (K2O)	IS 3812 (Part 1) Annexure C
65	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica (SiO2)	IS 1727
66	CHEMICAL- BUILDING MATERIAL	Fly Ash	Soda (Na2O)	IS 3812 (Part 1) Annexure C
67	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphuric Anhydride (SO3)	IS 1727
68	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Alumina (Al2O3)	IS 4032
69	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Iron Oxide (Fe2O3)	IS 4032
70	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Lime (CaO)	IS 4032
71	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Magnesia (MgO)	IS 4032
72	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Manganese Oxide (MnO)	IS 4032
73	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Moisture	IS 16714
74	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Silica (SiO2)	IS 4032
75	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Sodium Oxide (Na2O)	IS 4032

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76	CHEMICAL- BUILDING MATERIAL	Gypsum & Gypsum Plaster	Free Lime	IS 2547 (Part 1) (Appendix C)
77	CHEMICAL- BUILDING MATERIAL	Gypsum & Gypsum Plaster	Lime (CaO)	IS 1288
78	CHEMICAL- BUILDING MATERIAL	Gypsum & Gypsum Plaster	Loss On Ignition	IS 2547 (Part 1) Appendix B
79	CHEMICAL- BUILDING MATERIAL	Gypsum & Gypsum Plaster	Magnesia (MgO)	IS 2547 (Appendix A)
80	CHEMICAL- BUILDING MATERIAL	Gypsum & Gypsum Plaster	Soda (Na2O)	IS 2547 (Part 1) (Appendix A)
81	CHEMICAL- BUILDING MATERIAL	Gypsum & Gypsum Plaster	Sulphates (SO3)	IS 1288
82	CHEMICAL- BUILDING MATERIAL	Silica Fumes / Micro Silica	Loss On Ignition	IS 1727
83	CHEMICAL- BUILDING MATERIAL	Silica Fumes / Micro Silica	Moisture	IS 15388
84	CHEMICAL- BUILDING MATERIAL	Silica Fumes / Micro Silica	Silica (SiO2)	IS 1727
85	CHEMICAL- BUILDING MATERIAL	Silica Fumes / Micro Silica	Sodium Oxide (Na2O)	IS 15388
86	CHEMICAL- METALS & ALLOYS	Low Alloy Carbon Steel	Carbon	IS 228 (Part 1)
87	CHEMICAL- METALS & ALLOYS	Low Alloy Carbon Steel	Phosphorus	IS 228 (Part 3)
88	CHEMICAL- METALS & ALLOYS	Low Alloy Carbon Steel	Sulphur by Evolution method	IS 228 (Part 9)
89	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water / Waste Water	Biochemical / Biological Oxygen Demand	IS 3025 (Part 44)
90	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water / Waste Water	Chemical Oxygen Demand	IS 3025 (Part 58)
91	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water / Waste Water	Conductivity	IS 3025 (Part 14)
92	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water / Waste Water	Dissolved Oxygen	IS 3025 (Part 38)
93	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water / Waste Water	Oil and Grease	IS 3025 (Part 39)
94	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water / Waste Water	pH Value	IS 3025 (Part 11)

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95	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water / Waste Water	Residual Chlorine	IS 3025 (Part 26)
96	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water / Waste Water	Total Dissolved Solids	IS 3025 (Part 16)
97	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water / Waste water	Total Suspended Solids	IS 3025 (Part 17)
98	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water / Waste Water	Turbidity	IS 3025 (Part 10)
99	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonate	IS 2720 (Part 23)
100	CHEMICAL- SOIL AND ROCK	Soil	Chloride	BS 1377 - 3 : 1990
101	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (Part 22)
102	CHEMICAL- SOIL AND ROCK	Soil	pH Value	IS 2720 (Part 26)
103	CHEMICAL- SOIL AND ROCK	Soil	Potassium as K2O	IS 9497
104	CHEMICAL- SOIL AND ROCK	Soil	Sodium as Na2O	IS 9497
105	CHEMICAL- SOIL AND ROCK	Soil	Sulphate (SO4)	IS 2720 (Part 27)
106	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part 32)
107	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
108	CHEMICAL- WATER	Drinking Water	Fluoride	IS 3025 (Part 60)
109	CHEMICAL- WATER	Drinking Water	Iron	IS 3025 (Part 53)
110	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
111	CHEMICAL- WATER	Drinking Water	pH Value	IS 3025 (Part 11)
112	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS 3025 (Part 26)
113	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
114	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
115	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (Part 21)
116	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
117	CHEMICAL- WATER	Water for construction purpose	Acidity	IS 3025 (Part 22)
118	CHEMICAL- WATER	Water for construction purpose	Alkalinity	IS 3025 (Part 23)

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119	CHEMICAL- WATER	Water for construction purpose	Chlorides	IS 3025 (Part 32)
120	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS 3025 (Part 18)
121	CHEMICAL- WATER	Water for construction purpose	Iron	IS 3025 (Part 53)
122	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS 3025 (Part 18)
123	CHEMICAL- WATER	Water for construction purpose	pH Value	IS 3025 (Part 11)
124	CHEMICAL- WATER	Water for construction purpose	Sulphate (SO3)	IS 3025 (Part 24)
125	CHEMICAL- WATER	Water for construction purpose	Suspended Matter	IS 3025 (Part 17)
126	CHEMICAL- WATER	Water for construction purpose	Total Dissolved Solids	IS 3025 (Part 16)
127	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete Block (AAC)	Bulk Density	IS 6441 (Part 1)
128	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete Block (AAC)	Drying Shrinkage	IS 6441 (Part 2)
129	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete Block (AAC)	Moisture Content	IS 6441 (Part 1)
130	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Concrete Block(AAC)	Compressive Strength	IS 6441 (Part 5)
131	MECHANICAL- BUILDINGS MATERIALS	Bentonite	Liquid Limit	IS 2720 (Part 5)
132	MECHANICAL- BUILDINGS MATERIALS	Bentonite	Moisture content	IS 12446
133	MECHANICAL- BUILDINGS MATERIALS	Bentonite	Swelling Index	IS 2720 Part 40
134	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility test	IS 1208
135	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point and Fire Point	IS 1209
136	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration Test	IS 1203
137	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point Test	IS 1205
138	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
139	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Viscosity Absolute	IS 1206 (Part II)
140	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Viscosity Kinematic	IS 1206 (Part III)

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141	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Binder Content	ASTM D2172
142	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Bulk Density	IS 2386 (Part 3)
143	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Crushing Value	IS 2386 (Part 4)
144	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Density	ASTM D6927
145	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Elongation Index	IS 2386 (Part 1)
146	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Flakiness Index	IS 2386 (Part 1)
147	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Impact Value	IS 2386 (Part 4)
148	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Load required for 10% Fine Value	IS 2386 (Part 4)
149	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Los Angeles Abrasion	IS 2386 (Part 4)
150	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Marshal Flow	ASTM D 6927
151	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Marshal Stability	ASTM D 6927
152	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Sieve analysis (Gradation) (45 mm, 37.5 mm, 26.5 mm, 19 mm, 13.2 mm, 9.5 mm, 4.75 mm, 2.36 mm, 1.18 mm, 600 micron, 300 micron, 150 micron, 75 micron)	IS 2386 (Part 1)
153	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Specific Gravity	IS 2386 (Part 3)
154	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete (BC)	Water Absorption	IS 2386 (Part 3)
155	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam (BM)	Binder Content	ASTM D2172
156	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam (BM)	Bulk Density	IS 2386 (Part 3)
157	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam (BM)	Crushing Value	IS 2386 (Part 4)

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158	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam (BM)	Density	ASTM D6927
159	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam (BM)	Elongation Index	IS 2386 (Part 1)
160	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam (BM)	Flakiness Index	IS 2386 (Part 1)
161	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam (BM)	Impact Value	IS 2386 (Part 4)
162	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam (BM)	Load required for 10% Fine Value	IS 2386 (Part 4)
163	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam (BM)	Los Angeles Abrasion	IS 2386 (Part 4)
164	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam (BM)	Specific Gravity	IS 2386 (Part 3)
165	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam (BM)	Water Absorption	IS 2386 (Part 3)
166	MECHANICAL- BUILDINGS MATERIALS	Bituminous Macadam(BM)	Sieve analysis (Gradation) (45 mm, 37.5 mm, 26.5 mm, 19 mm, 13.2 mm, 4.75 mm, 2.36 mm, 600 micron, 300 micron, 75 micron)	IS 2386 (Part 1)
167	MECHANICAL- BUILDINGS MATERIALS	Cement	Blain's Air Permeability Test	IS 4031 (Part 2)
168	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
169	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
170	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by dry Sieving	IS 4031 (Part 1)
171	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
172	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le-Chatilier method	IS 4031 (Part 3)
173	MECHANICAL- BUILDINGS MATERIALS	Cement	Specific Gravity	IS 4031 (Part 11)
174	MECHANICAL- BUILDINGS MATERIALS	Cement	Standard Consistency	IS 4031 (Part 4)
175	MECHANICAL- BUILDINGS MATERIALS	Cement Based Repair Material	Rapid Chloride Migration Test	NT BUILD 492

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176	MECHANICAL- BUILDINGS MATERIALS	Cement Based Repair Material	Rapid-Ion Chloride Penetration	ASTM C1202
177	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Breaking strength	IS 13630 (Part 6)
178	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension	IS 13630 (Part 1)
179	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Modulus of rupture	IS 13630 (Part 6)
180	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Scratch Hardness	IS 13630 (Part 13)
181	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630 (Part 2)
182	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
183	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
184	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material	IS 2386 (Part 2)
185	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
186	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
187	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
188	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Load required for 10% Fine Value	IS 2386 (Part 4)
189	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion	IS 2386 (Part 4)
190	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Material finer than 75 micron	IS 2386 (Part 1)
191	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Organic Impurities	IS 2386 (Part 2)

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192	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve analysis (125 mm, 100 mm, 90 mm, 80 mm, 75 mm, 63 mm, 50 mm, 45 mm, 40 mm, 37 mm, 31.5 mm, 25 mm, 22.4 mm, 20 mm, 19 mm, 16 mm, 12.5 mm, 11.2 mm, 10 mm, 9.5 mm, 8 mm, 6.3 mm, 4.75 mm, 4 mm, 2.36 mm, 2 mm, 1.7 mm, 1.18 mm, 1 mm, 600 µm, 500 µm, 425 µm, 300 µm, 212 µm, 150 µm, 150 µm, 90 µm, 75 µm, 45 µm)	IS 2386 (Part 1)
193	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
194	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sulphate Soundness (Sodium and Magnesium)	IS 2386 (Part 5)
195	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
196	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	Compressive Strength	IS 3495 (Part 1)
197	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	Dimension	IS 1077
198	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	Efflorescence	IS 3495 (Part 3)
199	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	Water Absorption	IS 3495 (Part 2)
200	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Binder Content	ASTM D2172
201	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Bulk Density	IS 2386 (Part 3)
202	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Crushing Value	IS 2386 (Part 4)
203	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Density	ASTM D6927
204	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Elongation Index	IS 2386 (Part 1)
205	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Flakiness Index	IS 2386 (Part 1)
206	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Impact Value	IS 2386 (Part 4)

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207	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Load required for 10% Fine Value	IS 2386 (Part 4)
208	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Los Angeles Abrasion	IS 2386 (Part 4)
209	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Marshal Flow	ASTM D 6927
210	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Marshal Stability	ASTM D 6927
211	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Sieve analysis (Gradation) (45 mm, 37.5 mm, 26.5 mm, 19 mm, 13.2 mm, 9.5 mm, 4.75 mm, 2.36 mm, 1.18 mm, 600 micron, 300 micron, 150 micron, 75 micron)	IS 2386 (Part 1)
212	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Specific Gravity	IS 2386 (Part 3)
213	MECHANICAL- BUILDINGS MATERIALS	Dense Bituminous Macadam (DBM)	Water Absorption	IS 2386 (Part 3)
214	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material finer than 75 micron	IS 2386 (Part 1)
215	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt content (By volume)	CPWD Clause 3.1.3.2
216	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sulphate Soundness (Sodium and Magnesium)	IS 2386 (Part 5)
217	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density	IS 2386 (Part 3)
218	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulking	IS 2386 (Part 3)
219	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Deleterious Material	IS 2386 (Part 2)
220	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Organic Impurities	IS 2386 (Part 2)
221	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve analysis (10 mm, 9.5 mm, 4.75 mm, 2.36 mm, 1.18 mm, 850 Micron, 600 µm, 300 µm, 250 Micron, 150 µm, 75 µm)	IS 2386 (Part 1)
222	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3)

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223	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
224	MECHANICAL- BUILDINGS MATERIALS	Flexible Pavement	Pavement surface deflection by Benkleman Beam Deflection	IRC – 81
225	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727
226	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Drying Shrinkage	IS 1727
227	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Final Setting Time	IS 1727
228	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Sieving (45 micron)	IS 1727
229	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Initial Setting Time	IS 1727
230	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Lime Reactivity	IS 1727
231	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness	IS 1727
232	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS 1727
233	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific Surface	IS 1727
234	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Air Content	IS 1199 (Part 4)
235	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Bleeding of Fresh Concrete	IS 9103
236	MECHANICAL- BUILDINGS MATERIALS	Granular Sub-Base (GSB)	Bulk Density	IS 2386 (Part 3)
237	MECHANICAL- BUILDINGS MATERIALS	Granular Sub-Base (GSB)	Crushing Value	IS 2386 (Part 4)
238	MECHANICAL- BUILDINGS MATERIALS	Granular Sub-Base (GSB)	Deleterious Material	IS 2386 (Part 2)
239	MECHANICAL- BUILDINGS MATERIALS	Granular Sub-Base (GSB)	Elongation Index	IS 2386 (Part 1)
240	MECHANICAL- BUILDINGS MATERIALS	Granular Sub-Base (GSB)	Flakiness Index	IS 2386 (Part 1)
241	MECHANICAL- BUILDINGS MATERIALS	Granular Sub-Base (GSB)	Impact Value	IS 2386 (Part 4)

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242	MECHANICAL- BUILDINGS MATERIALS	Granular Sub-Base (GSB)	Load required for 10% Fine Value	IS 2386 (Part 4)
243	MECHANICAL- BUILDINGS MATERIALS	Granular Sub-Base (GSB)	Los Angeles Abrasion	IS 2386 (Part 4)
244	MECHANICAL- BUILDINGS MATERIALS	Granular Sub-Base (GSB)	Organic Impurities	IS 2386 (Part 2)
245	MECHANICAL- BUILDINGS MATERIALS	Granular Sub-Base (GSB)	Sieve analysis (75mm, 53 mm, 37.5mm, 26.5 mm,19mm, 9.5 mm, 5.6mm, 4.75 mm, 2.36 mm, 850 micron, 600 mircon, 425 micron, 300 micron, 75 micron)	IS 2386 (Part 1)
246	MECHANICAL- BUILDINGS MATERIALS	Granular Sub-Base (GSB)	Specific Gravity	IS 2386 (Part 3)
247	MECHANICAL- BUILDINGS MATERIALS	Granular Sub-Base (GSB)	Sulphate Soundness (Sodium and Magnesium)	IS 2386 (Part 5)
248	MECHANICAL- BUILDINGS MATERIALS	Granular Sub-Base (GSB)	Water Absorption	IS 2386 (Part 3)
249	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast furnace Slag (GGBS)	Comparative Compressive Strength (Slag Activity Index)	IS 4031 (Part 6)
250	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast furnace Slag (GGBS)	Fineness by dry Sieving	IS 4031 (Part 1)
251	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast furnace Slag (GGBS)	Specific Gravity	IS 4031 (Part 11)
252	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast furnace Slag (GGBS)	Specific Surface	IS 4031 (Part 2)
253	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Bulk/Set Density	IS 2542 : Part 1 : Sec 1 to 12 : 1978
254	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Compressive strength	IS 2542 : Part 1 : Sec 1 to 12 : 1978
255	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Fineness	IS 2542 : Part 1 : Sec 1 to 12 : 1978
256	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Normal Consistency	IS 2542 : Part 1 : Sec 1 to 12 : 1978
257	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Setting Time	IS 2542 (Part 1) Sec 1 to 12
258	MECHANICAL- BUILDINGS MATERIALS	Gypsum Products	Determination of Mass	IS 2542: Part 2 : Sec 1 to 8

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259	MECHANICAL- BUILDINGS MATERIALS	Gypsum Products	Length	IS 2542 : Part 2 : Sec 1 to 8
260	MECHANICAL- BUILDINGS MATERIALS	Gypsum Products	Moisture content (Free Moisture)	IS 2542: Part 2 : Sec 1 to 8
261	MECHANICAL- BUILDINGS MATERIALS	Gypsum Products	Thickness	IS 2542 : Part 2 : Sec 1 to 8
262	MECHANICAL- BUILDINGS MATERIALS	Gypsum Products	Water Absorption	IS 2542 : Part 2 : Sec 1 to 8
263	MECHANICAL- BUILDINGS MATERIALS	Gypsum Products	Width	IS 2542 : Part 2 : Sec 1 to 8
264	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete (Cement Concrete)	Drying Shrinkage	IS 516 (Part 6)
265	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete (Cement Concrete)	Rapid Chloride Migration Test	NT BUILD 492
266	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete (Cement Concrete)	Rapid-Ion Chloride Penetration	ASTM C1202
267	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Beam	Flexural strength	IS 516 Part 1 Section 1
268	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Core	Compressive Strength	IS 516 Part 4
269	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Core	Modulus of Elasticity	IS 516: Part 8 :Sec 1
270	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Core	Permeability	IS 516 : Part 2 : Sec 1
271	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Core	Splitting Tensile Strength	IS 516 Part 1 Sec 1
272	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cube	Accelerated -cured concrete test specimens	IS 9013
273	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cube	Compressive Strength	IS 516
274	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cube	Compressive Strength	IS 516 Part 1 Sec 1
275	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cube	Modulus of Elasticity	IS 516: Part 8 :Sec 1
276	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cube	Permeability	IS 516 : Part 2 : Sec 1
277	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cube	Splitting Tensile Strength	IS 516 Part 1 Sec 1

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278	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cylinder	Compressive Strength	IS 516
279	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cylinder	Compressive Strength	IS 516 Part 1 Sec 1
280	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cylinder	Modulus of Elasticity	IS 516: Part 8 :Sec 1
281	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cylinder	Splitting Tensile Strength	IS 516 Part 1 Sec 1
282	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cylinder, Hardened Concrete Core	Permeability	Indian Railway Standard (IRS) Bridge Code: 1997 Appendix - G
283	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cylinder, Hardened Concrete Core	Permeability	MORTH Clause 1700
284	MECHANICAL- BUILDINGS MATERIALS	Mastic Asphalt	Binder content	IRC-SP 112
285	MECHANICAL- BUILDINGS MATERIALS	Mastic Asphalt	Gradation (19 mm, 13.2 mm, 2.36 mm, 600 micron, 212 micron, 75 micron)	IS 2386 (Part 1)
286	MECHANICAL- BUILDINGS MATERIALS	Mastic Asphalt	Hardness Number	IS 1195
287	MECHANICAL- BUILDINGS MATERIALS	Micro silica	Fineness by Sieving (45 micron)	IS 1727
288	MECHANICAL- BUILDINGS MATERIALS	Microsilica	Compressive Strength	IS 1727
289	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Abrasion Resistance	IS 15658
290	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
291	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension	IS 15658
292	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Splitting Tensile strength	IS 15658
293	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water absorption	IS 15658
294	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen (PMB)	Ductility	IS 1208
295	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen (PMB)	Flash Point and Fire Point	IS 1209

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296	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen (PMB)	Penetration Test	IS 1203
297	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen (PMB)	Softening Point	IS 1205
298	MECHANICAL- BUILDINGS MATERIALS	Polymer Modified Bitumen (PMB)	Specific Gravity	IS 1202
299	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Kerbs	Bending Strength	IS 5758
300	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Kerbs	Compressive Strength	IS 5758
301	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Kerbs	Dimension	IS 5758
302	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Kerbs	Water Absorption	IS 5758
303	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Bricks	Compressive Strength	IS 3495 (Part 1)
304	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Bricks	Dimension	IS 1077
305	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Bricks	Efflorescence	IS 3495 (Part 3)
306	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Bricks	Water Absorption	IS 3495 (Part 2)
307	MECHANICAL- BUILDINGS MATERIALS	Solid Concrete Block	Bulk Density	IS 2185 (Part 1)
308	MECHANICAL- BUILDINGS MATERIALS	Solid Concrete Block	Compressive Strength	IS 2185 (Part 1)
309	MECHANICAL- BUILDINGS MATERIALS	Solid Concrete Block	Dimension	IS 2185 (Part 1)
310	MECHANICAL- BUILDINGS MATERIALS	Solid Concrete Block	Drying Shrinkage	IS 2185 (Part 1)
311	MECHANICAL- BUILDINGS MATERIALS	Solid Concrete Block	Moisture Movement	IS 2185 (Part 1)
312	MECHANICAL- BUILDINGS MATERIALS	Solid Concrete Block	Water Absorption	IS 2185 (Part 1)
313	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Bulk Density	IS 2386 (Part 3)
314	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Crushing Value	IS 2386 (Part 4)

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315	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Deleterious Material	IS 2386 (Part 2)
316	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Elongation Index	IS 2386 (Part 1)
317	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Flakiness Index	IS 2386 (Part 1)
318	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Impact Value	IS 2386 (Part 4)
319	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Load required for 10% Fine Value	IS 2386 (Part 4)
320	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Los Angeles Abrasion	IS 2386 (Part 4)
321	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Organic Impurities	IS 2386 (Part 2)
322	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Sieve analysis (75mm, 63 mm, 53 mm, 45 mm, 22.4 mm, 13.2 mm, 11.2 mm, 9.5mm, 5.6 mm, 180 micron)	IS 2386 (Part 1)
323	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Specific Gravity	IS 2386 (Part 3)
324	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Sulphate Soundness (Sodium and Magnesium)	IS 2386 (Part - 5)
325	MECHANICAL- BUILDINGS MATERIALS	Water Bound Macadam (WBM)	Water Absorption	IS 2386 (Part 3)
326	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Bulk Density	IS 2386 (Part 3)
327	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Crushing Value	IS 2386 (Part 4)
328	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Deleterious Material	IS 2386 (Part 2)
329	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Elongation Index	IS 2386 (Part 1)
330	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Flakiness Index	IS 2386 (Part 1)
331	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Impact Value	IS 2386 (Part 4)
332	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Load required for 10% Fine Value	IS 2386 (Part 4)

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333	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Los Angeles Abrasion	IS 2386 (Part 4)
334	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Organic Impurities	IS 2386 (Part 2)
335	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Sieve analysis (53mm, 45 mm, 26.5 mm, 22.4 mm, 11.2 mm, 4.75 mm, 2.36 mm, 600 micron, 75 micron)	IS 2386 (Part 1)
336	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Specific Gravity	IS 2386 (Part 3)
337	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Sulphate Soundness (Sodium and Magnesium)	IS 2386 (Part 5)
338	MECHANICAL- BUILDINGS MATERIALS	Wet Mix Macadam (WMM)	Water Absorption	IS 2386 (Part 3)
339	MECHANICAL- SOIL AND ROCK	Blanket Material	15% Finer than size (D15)	IS 2720 (Part 4)
340	MECHANICAL- SOIL AND ROCK	Blanket Material	50% Finer than size (D50)	IS 2720 (Part 4)
341	MECHANICAL- SOIL AND ROCK	Blanket Material	Coefficient of Curvature	IS 2720 (Part 4)
342	MECHANICAL- SOIL AND ROCK	Blanket Material	Uniformity Coefficient	IS 2720 (Part 4)
343	MECHANICAL- SOIL AND ROCK	In - Situ Soil	Deformation modulus (EV1 & EV2)	DIN 18134
344	MECHANICAL- SOIL AND ROCK	In - Situ Soil	Dry Density by Core Cutter Method	IS 2720 (Part - 29)
345	MECHANICAL- SOIL AND ROCK	In - Situ Soil	Field CBR	IS 2720 (Part 31)
346	MECHANICAL- SOIL AND ROCK	In - Situ Soil	Pile Load test	IS 2911 (Part 4)
347	MECHANICAL- SOIL AND ROCK	In - Situ Soil	Plate Load Test (Modulus of Sub-grade Reaction)	IS 9214
348	MECHANICAL- SOIL AND ROCK	In-Situ Soil	Dynamic Cone Penetration Test (N-Value)	IS 4968 (Part 1)
349	MECHANICAL- SOIL AND ROCK	In-Situ Soil	Plate Load Test (Bearing Capacity)	IS 1888
350	MECHANICAL- SOIL AND ROCK	In-Situ Soil	Sand Replacement Test	IS 2720 (Part 28)

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351	MECHANICAL- SOIL AND ROCK	In-Situ Soil	Standard Penetration Test (N-Value)	IS 2131
352	MECHANICAL- SOIL AND ROCK	Rock	Brazilian Tensile Strength	IS 10082
353	MECHANICAL- SOIL AND ROCK	Rock	Cerchar Abrassiveness Index	ASTM D 7625
354	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
355	MECHANICAL- SOIL AND ROCK	Rock	Hardness	ASTM C 235
356	MECHANICAL- SOIL AND ROCK	Rock	Modulus of Elasticity & Poisson's Ratio	ASTM D 7012- 14e1
357	MECHANICAL- SOIL AND ROCK	Rock	Modulus of Elasticity & Poisson's Ratio	IS 9221
358	MECHANICAL- SOIL AND ROCK	Rock	Moisture Content & Water Absorption	IS 13030
359	MECHANICAL- SOIL AND ROCK	Rock	Point Load Test	IS 10082
360	MECHANICAL- SOIL AND ROCK	Rock	Point Load Test	IS 8764
361	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
362	MECHANICAL- SOIL AND ROCK	Rock	Slake Durability Index	IS 10500
363	MECHANICAL- SOIL AND ROCK	Rock	Specific gravity	IS 1122
364	MECHANICAL- SOIL AND ROCK	Rock	Tensile strength	IS 10082
365	MECHANICAL- SOIL AND ROCK	Rock	Triaxial Compression (Angle of friction)	ASTM D7012 - 14e1
366	MECHANICAL- SOIL AND ROCK	Rock	Triaxial Compression (Angle of friction)	IS 13047
367	MECHANICAL- SOIL AND ROCK	Rock	Triaxial Compression (Cohesion)	ASTM D7012 - 14e1
368	MECHANICAL- SOIL AND ROCK	Rock	Triaxial Compression (Cohesion)	IS 13047
369	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive strength	IS 1121 (Part 1)

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370	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive strength	IS 9143
371	MECHANICAL- SOIL AND ROCK	Rock	Water absorption	IS 1124
372	MECHANICAL- SOIL AND ROCK	Rock Surface	Plate Load Test (Bearing Capacity)	IS 1888
373	MECHANICAL- SOIL AND ROCK	Soil	Density (Natural Dry, Saturated)	IS 2720 (Part 10)
374	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction	IS 2720 (Part 8)
375	MECHANICAL- SOIL AND ROCK	Soil	Laboratory CBR	IS 2720 (Part 16)
376	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction	IS 2720 (Part 7)
377	MECHANICAL- SOIL AND ROCK	Soil	Liquid & Plastic Limit	IS 2720 (Part 5)
378	MECHANICAL- SOIL AND ROCK	Soil	Moisture/Water Content	IS 2720 (Part 2)
379	MECHANICAL- SOIL AND ROCK	Soil	Permeability Test	IS 2720 (Part 17)
380	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
381	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3) Sec 1 and 2
382	MECHANICAL- SOIL AND ROCK	Soil	Coefficient of Consolidation (Cv)	IS 2720 (Part 15)
383	MECHANICAL- SOIL AND ROCK	Soil	Coefficient of Consolidation (Mv)	IS 2720 (Part 15)
384	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test - Compression Index (Cc)	IS 2720 (Part 15)
385	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test - Preconsolidation Pressure (Pc)	IS 2720 (Part 15)
386	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test - Void ratio (e0)	IS 2720 (Part 15)
387	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (UU/CU/CD) / Bulk Density/ Dry Density/Saturated Density/Submerged Density	IS 2720 (Part 13)

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388	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (UU/CU/CD) / Natural Moisture Content	IS 2720 (Part 13)
389	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (UU/CU/CD) / Peak or residual/ Angle of Internal Friction	IS 2720 (Part 13)
390	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (UU/CU/CD) / Peak/ Residual Cohession	IS 2720 (Part 13)
391	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
392	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 (Part 4)
393	MECHANICAL- SOIL AND ROCK	Soil	Relative Density	IS 2720 (Part 14)
394	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720 (Part 41)
395	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (Bulk Density/ Dry Density/ Saturated Density/ Submerged Density)	IS 2720 (Part 11)
396	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (Natural Moisture content)	IS 2720 (Part 11)
397	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (Peak or Residual Cohesion/ Effective Cohesion)	IS 2720 (Part 11)
398	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (Peak or residual effective Angle or Internal Friction/ Angle of Internal Friction)	IS 2720 (Part 11)
399	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength/Undrained Shear strength/Undrained Cohesion	IS 2720 (Part 10)
400	MECHANICAL- SOIL AND ROCK	Soil- Sub Grade	4 x 15% Finer than size (D15)	IS 2720 (Part 4)
401	MECHANICAL- SOIL AND ROCK	Soil- sub grade	Uniformity Coefficient	IS 2720 (Part 4)
402	MECHANICAL- SOIL AND ROCK	Soil-sub grade	25 x 50% Finer than size (D50)	IS 2720 (Part 4)
403	MECHANICAL- SOIL AND ROCK	Soil-sub grade	5 x 15% Finer than size (D15)	IS 2720 (Part 4)

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404	MECHANICAL- SOIL AND ROCK	Soil-sub grade	5 x 85% Finer than size (D85)	IS 2720 (Part 4)
405	MECHANICAL- SOIL AND ROCK	Soil-sub grade	Coefficient of Curvature	IS 2720 (Part 4)
406	MECHANICAL- SOIL AND ROCK	Sub- Grade	15% Finer than size (D15)	IS 2720 (Part 4)
407	MECHANICAL- SOIL AND ROCK	Sub- Grade	25 x 50% Finer than size (D50)	IS 2720 (Part 4)
408	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Carbonation Test	BS EN 14630
409	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Carbonation Test	IS 516 : Part 5 : Sec 3
410	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Cover Meter Test	BS 1881
411	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Half Cell Potentiometer Test	ASTM C 876
412	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Half Cell Potentiometer Test	IS 516: Part 5: Sec 2
413	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Load Test on Flexural member	IRC SP : 51
414	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Load Test on Flexural member	IRS Concrete Bridge Code
415	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Load Test on Flexural member	IS 456

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416	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Pile Integrity test	ASTM D5882 RA
417	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Resistivity	AASHTO TP 95
418	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Schmidt Rebound Hammer Test	IS 13311 (Part 2)
419	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Schmidt Rebound Hammer Test	IS 516: Part 5 : Sec 4
420	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Ultra Sonic Pulse Velocity Test	IS 516 (Part 5) Sec 1

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LOCATION 2 - SHOP NO.13, MINI MARKET, SECTOR - 12, KHARGHAR, NAVI MUMBAI, RAIGAD, MAHARASHTRA, INDIA Permanent Facility				
1	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bar	Bend Test (12mm, 16mm, 18mm, 20mm, 24mm, 30mm, 32mm, 36mm, 40 mm, 42mm, 48mm, 50mm, 56mm, 60mm, 64mm, 70mm, 72mm, 75mm, 80mm, 84mm, 96mm, 100mm, 112mm, 120mm, 125mm, 128mm, 140mm, 150mm, 160mm, 168mm, 175mm, 192mm, 196mm, 200mm, 224mm, 240mm, 256mm, 280mm, 320mm)	IS 1599
2	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bar	Elongation	IS 1608 (Part 1)
3	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bar	Rebend Test (24mm, 30mm, 32mm, 36mm, 40mm, 42mm, 48mm, 50mm, 56mm, 60mm, 70mm, 72mm, 84mm, 96mm, 108mm, 112mm, 120mm, 140mm,144mm, 150 mm, 168mm, 175mm, 180mm, 192mm, 196mm, 224mm, 225mm, 240mm, 252mm, 280mm, 288mm, 360mm)	IS 1786
4	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bar	Ultimate Tensile Strength	IS 1608 (Part 1)
5	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bar	Weight per Meter	IS 1786
6	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bar	Yield - 0.2% Proof Stress	IS 1608 (Part 1)

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7	MECHANICAL- BUILDINGS MATERIALS	Mild steel	Bend Test (6mm, 7.5mm, 8mm, 9mm, 10mm, 10.5mm, 12mm, 12.5mm, 14mm, 15mm, 16mm, 17.5mm, 18mm, 20mm, 21mm, 22mm, 22.5mm, 24mm, 24.5mm, 25mm, 26mm, 27mm, 27.5mm, 28mm, 30mm, 31.5 mm, 32mm, 32.5mm, 33mm, 35mm, 36mm, 37mm, 38.5mm, 39mm, 40mm, 42mm, 44mm, 45mm, 45.5mm, 48mm, 49mm, 50mm, 52mm, 52.5mm, 54mm, 56mm, 60mm, 62.5mm, 63mm, 64mm, 70mm, 72mm, 75mm, 80mm, 87.5mm, 100mm, 112mm, 128mm)	IS 1599
8	MECHANICAL- BUILDINGS MATERIALS	Mild steel	Elongation	IS 1608 (Part 1)
9	MECHANICAL- BUILDINGS MATERIALS	Mild steel	Ultimate Tensile Strength	IS 1608 (Part 1)
10	MECHANICAL- BUILDINGS MATERIALS	Mild steel	Weight per Meter	IS 432 (Part 1)
11	MECHANICAL- BUILDINGS MATERIALS	Mild steel	Yield - 0.2% Proof Stress	IS 1608 (Part 1)
12	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Bend Test (6mm, 7.5mm, 8mm, 9mm, 10mm,10.5mm, 12mm, 12.5mm, 14mm, 15mm, 16mm, 17.5mm, 18mm, 20mm, 21mm, 22mm, 22.5mm, 24mm, 24.5mm, 25mm, 26mm, 27mm, 27.5mm, 28mm, 30mm, 31.5 mm, 32mm, 32.5mm, 33mm, 35mm, 36mm, 37mm, 38.5mm, 39mm, 40mm, 42mm, 44mm, 45mm, 45.5mm, 48mm, 49mm, 50mm, 52mm, 52.5mm, 54mm, 56mm, 60mm, 62.5mm, 63mm, 64mm, 70mm, 72mm, 75mm, 80mm, 87.5mm, 100mm, 112mm, 128mm)	IS 1599

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13	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Elongation	IS 1608 (Part 1)
14	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Ultimate Tensile Strength	IS 1608 (Part 1)
15	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Weight per Meter	IS 2062
16	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Yield - 0.2% Proof Stress	IS 1608 (Part 1)
17	MECHANICAL- BUILDINGS MATERIALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	0.2% Proof Load	IS 14268
18	MECHANICAL- BUILDINGS MATERIALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	Breaking Strength	IS 14268
19	MECHANICAL- BUILDINGS MATERIALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	Dimension (Lay length)	IS 14268
20	MECHANICAL- BUILDINGS MATERIALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	Dimension (Nominal area)	IS 14268
21	MECHANICAL- BUILDINGS MATERIALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	Dimension (Nominal diameter)	IS 14268
22	MECHANICAL- BUILDINGS MATERIALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	Elongation	IS 14268
23	MECHANICAL- BUILDINGS MATERIALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	Modulus of Elasticity	IS 14268
24	MECHANICAL- BUILDINGS MATERIALS	Uncoated Stress Relieved Low Relaxation Seven – Wire (Ply) Strand	Nominal Mass	IS 14268