



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

GEO RESEARCH HOUSE LLP, 145, PAHARI TEKRI, RAHUL NAGAR, BICHOLI MARDANA BY PASS ROAD,  
INDORE, MADHYA PRADESH, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-10770

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**Validity**

01/07/2024 to 30/06/2026

**Last Amended on**

11/09/2024

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Testing				
1	CHEMICAL- BUILDING MATERIAL	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	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Tri-calcium Aluminate content	IS 269
7	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Tri-calcium Silicate	IS 269
8	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Alkali Content	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Chloride (Cl)	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Magnesia (MgO)	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Silica (SiO <sub>2</sub> )	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Sulphuric Anhydride as Sulphite (SO <sub>3</sub> )	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Alumina (Al <sub>2</sub> O <sub>3</sub> )	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Calcium Oxide (CaO)	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Insoluble Residue	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	IS 4032



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17	CHEMICAL- BUILDING MATERIAL	Cement (OPC/PPC)	Loss of Ignition	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Cement Mortar	Chloride (Cl)	IS 14959 (Part 1)
19	CHEMICAL- BUILDING MATERIAL	Cement Mortar	Sulphate (as SO <sub>3</sub> )	BS1881 (Part 124)
20	CHEMICAL- BUILDING MATERIAL	Cement Mortar	Chloride (Cl)	IS 14959 (Part 2)
21	CHEMICAL- BUILDING MATERIAL	Fly Ash	Alumina (Al <sub>2</sub> O <sub>3</sub> )	IS 1727
22	CHEMICAL- BUILDING MATERIAL	Fly Ash	Calcium Oxide (CaO)	IS 1727
23	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chloride (Cl)	IS 4032
24	CHEMICAL- BUILDING MATERIAL	Fly Ash	Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	IS 1727
25	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss of Ignition	IS 1727
26	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesia (MgO)	IS 1727
27	CHEMICAL- BUILDING MATERIAL	Fly Ash	Moisture Content	IS : 3812 (Part-2)
28	CHEMICAL- BUILDING MATERIAL	Fly Ash	Reactive Silica	IS 3812 (Part 1)
29	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica (SiO <sub>2</sub> )	IS 1727
30	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphate (as SO <sub>3</sub> )	IS 1727
31	CHEMICAL- BUILDING MATERIAL	Tiles -Ceramic/Vitrified (Glazed)	Resistance to acid and Alkalis	IS 13630 (Part 8)
32	CHEMICAL- BUILDING MATERIAL	Tiles Ceramic/Vitrified (Unglazed )	Resistance to staining	IS 13630 (Part 7)



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33	CHEMICAL- BUILDING MATERIAL	Tiles Ceramic/Vitrified (Glazed )	Resistance to house hold chemicals & swimming pool salts	IS 13630 (Part 8)
34	CHEMICAL- BUILDING MATERIAL	Tiles Ceramic/Vitrified (Glazed )	Resistance to Staining	IS 13630 (Part 8)
35	CHEMICAL- BUILDING MATERIAL	Tiles- Ceramic/ Vitrified (Unglazed )	Resistance to acid and Alkalis	IS 13630 (Part 7)
36	CHEMICAL- BUILDING MATERIAL	Tiles- Ceramic/ Vitrified (Unglazed )	Resistance to house hold chemicals & swimming pool salts	IS 13630 (Part 7)
37	CHEMICAL- METALS & ALLOYS	Low alloy steel	Aluminum (Al)	IS 8811
38	CHEMICAL- METALS & ALLOYS	Low alloy steel	Boron (B)	IS 8811
39	CHEMICAL- METALS & ALLOYS	Low alloy steel	Carbon (C)	IS 8811
40	CHEMICAL- METALS & ALLOYS	Low alloy steel	Chromium (Cr)	IS 8811
41	CHEMICAL- METALS & ALLOYS	Low alloy steel	Cobalt (Co)	IS 8811
42	CHEMICAL- METALS & ALLOYS	Low alloy steel	Copper (Cu)	IS 8811
43	CHEMICAL- METALS & ALLOYS	Low alloy steel	Manganese (Mn)	IS 8811
44	CHEMICAL- METALS & ALLOYS	Low alloy steel	Molybdenum (Mo)	IS 8811
45	CHEMICAL- METALS & ALLOYS	Low alloy steel	Nickel (Ni)	IS 8811
46	CHEMICAL- METALS & ALLOYS	Low Alloy steel	Phosphorus (P)	IS 8811
47	CHEMICAL- METALS & ALLOYS	Low alloy steel	Silicon (Si)	IS 8811
48	CHEMICAL- METALS & ALLOYS	Low Alloy steel	Sulphur	IS 8811



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49	CHEMICAL- METALS & ALLOYS	Low alloy steel	Tin (Sn)	IS 8811
50	CHEMICAL- METALS & ALLOYS	Low alloy steel	Titanium (Ti)	IS 8811
51	CHEMICAL- METALS & ALLOYS	Low alloy steel	Vanadium (V)	IS 8811
52	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon (C)	IS 9879
53	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium (Cr)	IS 9879
54	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt (Co)	IS 9879
55	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper (Cu)	IS 9879
56	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese (Mn)	IS 9879
57	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum (Mo)	IS 9879
58	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel (Ni)	IS 9879
59	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus (P)	IS 9879
60	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon (Si)	IS 9879
61	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur (S)	IS 9879
62	CHEMICAL- SOIL AND ROCK	Rock	Alumina	IS 11224
63	CHEMICAL- SOIL AND ROCK	Rock	Chloride	IS 11224
64	CHEMICAL- SOIL AND ROCK	Rock	Loss on Ignition	IS 11224



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65	CHEMICAL- SOIL AND ROCK	Rock	Magnesium Oxide	IS 11224
66	CHEMICAL- SOIL AND ROCK	Rock	Moisture	IS 11224
67	CHEMICAL- SOIL AND ROCK	Rock	Silica	IS 11224
68	CHEMICAL- SOIL AND ROCK	Rock	Total Phosphorus	IS 11224
69	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonate	IS 2720 (Part 23)
70	CHEMICAL- SOIL AND ROCK	Soil	Chloride (Cl)	BS 1377 (Part 3)
71	CHEMICAL- SOIL AND ROCK	Soil	Organic Carbon	IS 2720 (Part 22)
72	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (Part 22)
73	CHEMICAL- SOIL AND ROCK	Soil	pH	IS 2720 (Part 26)
74	CHEMICAL- SOIL AND ROCK	Soil	Potassium	IS 9497
75	CHEMICAL- SOIL AND ROCK	Soil	Silica (SiO <sub>2</sub> )	IS 2720 (Part 25)
76	CHEMICAL- SOIL AND ROCK	Soil	Sodium	IS 9497
77	CHEMICAL- SOIL AND ROCK	Soil	Sulphate (as SO <sub>3</sub> )	IS 2720 (Part 27)
78	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Solids	IS 2720 (Part 21)
79	CHEMICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)
80	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 (Part 40)
81	CHEMICAL- WATER	Drinking Water	Carbonate & Bicarbonate	IS 3025 (Part 51)
82	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part 32)



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83	CHEMICAL- WATER	Drinking Water	Color	IS 3025 (Part 4)
84	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	IS 3025 (Part 26)
85	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 (Part 46)
86	CHEMICAL- WATER	Drinking Water	Odor	IS 3025 (Part 5)
87	CHEMICAL- WATER	Drinking Water	pH at 25 °C	IS 3025 (Part 11)
88	CHEMICAL- WATER	Drinking Water	Phenolphthalein Alkalinity	IS 3025 (Part 23)
89	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025 (Part 24/Sec-1)
90	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 7)
91	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 (Part 23)
92	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
93	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 (Part 21)
94	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
95	CHEMICAL- WATER	Ground Water	Calcium	IS 3025 (Part 40)
96	CHEMICAL- WATER	Ground water	Carbonate & Bicarbonate	IS 3025 (Part 51)
97	CHEMICAL- WATER	Ground Water	Chloride	IS 3025 (Part 32)
98	CHEMICAL- WATER	Ground Water	Color	IS 3025 (Part 4)
99	CHEMICAL- WATER	Ground Water	Free Residual Chlorine	IS 3025 (Part 26)
100	CHEMICAL- WATER	Ground Water	Magnesium	IS 3025 (Part 46)
101	CHEMICAL- WATER	Ground Water	Odor	IS 3025 (Part 5)
102	CHEMICAL- WATER	Ground Water	pH at 25 °C	IS 3025 (Part 11)
103	CHEMICAL- WATER	Ground Water	Phenolphthalein Alkalinity	IS 3025 (Part 23)
104	CHEMICAL- WATER	Ground water	Potassium	IS 3025 (Part 45)
105	CHEMICAL- WATER	Ground Water	Sodium	IS 3025 (Part 45)
106	CHEMICAL- WATER	Ground Water	Sulphate	IS 3025 (Part 24/Sec-1)
107	CHEMICAL- WATER	Ground Water	Total Alkalinity	IS 3025 (Part 23)
108	CHEMICAL- WATER	Ground Water	Total Dissolved Solid	IS 3025 (Part 16)
109	CHEMICAL- WATER	Ground Water	Total Hardness	IS 3025 (Part 21)



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110	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10)
111	CHEMICAL- WATER	Surface Water	Calcium	IS 3025 (Part 40)
112	CHEMICAL- WATER	Surface Water	Carbonate & Bicarbonate	IS 3025 : (P-51)
113	CHEMICAL- WATER	Surface Water	Chloride	IS 3025 (Part 32)
114	CHEMICAL- WATER	Surface Water	Color	IS 3025 (Part 04)
115	CHEMICAL- WATER	Surface Water	Free Residual Chlorine	IS 3025 (Part 26)
116	CHEMICAL- WATER	Surface Water	Magnesium	IS 3025 (Part 46)
117	CHEMICAL- WATER	Surface Water	Odor	IS 3025 (Part 05)
118	CHEMICAL- WATER	Surface Water	pH at 25 °C	IS 3025 (Part 11)
119	CHEMICAL- WATER	Surface Water	Phenolphthalein Alkalinity	IS 3025 (Part 23)
120	CHEMICAL- WATER	Surface Water	Potassium	IS 3025 (Part 45)
121	CHEMICAL- WATER	Surface Water	Sodium	IS 3025 (Part 45)
122	CHEMICAL- WATER	Surface Water	Sulphate	IS 3025 (Part 24/Sec-1)
123	CHEMICAL- WATER	Surface Water	Total Alkalinity	IS 3025 (Part 23)
124	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	IS 3025 (Part 16)
125	CHEMICAL- WATER	Surface Water	Total Hardness	IS 3025 (Part 21)
126	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part 10)
127	CHEMICAL- WATER	Water for construction purpose	Acidity	IS 3025 (Part 22)
128	CHEMICAL- WATER	Water for construction purpose	Alkalinity	IS 3025 (Part 23)
129	CHEMICAL- WATER	Water for construction purpose	Chloride	IS 3025 (Part 32)
130	CHEMICAL- WATER	Water for construction purpose	Inorganic Solid	IS 3025 (Part 18)
131	CHEMICAL- WATER	Water for construction purpose	Organic Solid	IS 3025 (Part 18)
132	CHEMICAL- WATER	Water for construction purpose	pH	IS 3025 (Part 11)
133	CHEMICAL- WATER	Water for construction purpose	Sulphate	IS 3025 (Part 24 sec. 1)
134	CHEMICAL- WATER	Water for construction purpose	Suspended Solid	IS 3025 (Part 17)
135	MECHANICAL- BUILDINGS MATERIALS	Hardened Cement Concrete	Density	IS:516 (Part 2 Sec 1)



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136	MECHANICAL-BUILDINGS MATERIALS	AAC Block	Dimension Height	IS2185 (Part3)
137	MECHANICAL-BUILDINGS MATERIALS	AAC Block	Dimension Length	IS 2185 (Part3)
138	MECHANICAL-BUILDINGS MATERIALS	AAC block	Dimension Width	IS2185 (Part3)
139	MECHANICAL-BUILDINGS MATERIALS	AAC Block	Moisture Content	IS6441(Part 1)
140	MECHANICAL-BUILDINGS MATERIALS	AAC Blocks	Compressive Strength	IS 6441 (Part 5)
141	MECHANICAL-BUILDINGS MATERIALS	AAC Blocks	Density	IS 6441 (Part 1)
142	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 (Part 2)
143	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208 (Part 1)
144	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Fire Point	IS 1209
145	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Flash Point	IS 1209
146	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206 (Part 3)
147	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Loss on Heating	IS:1212





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148	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
149	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
150	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Solubility in trichloroethylene	IS 1216
151	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
152	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Stripping Value	IS6241
153	MECHANICAL-BUILDINGS MATERIALS	Bituminous Mixture	Bitumen Content	IRC SP - 112
154	MECHANICAL-BUILDINGS MATERIALS	Bituminous Mixture	Marshal Flow	ASTM D6927
155	MECHANICAL-BUILDINGS MATERIALS	Bituminous Mixture	Marshal Stability	ASTM D6927
156	MECHANICAL-BUILDINGS MATERIALS	Bricks Burnt Clay/Fly Ash	Compressive Strength	IS 3495 (Part 1)
157	MECHANICAL-BUILDINGS MATERIALS	Bricks Burnt Clay/Fly Ash	Dimension (Height)	IS 1077
158	MECHANICAL-BUILDINGS MATERIALS	Bricks Burnt Clay/Fly Ash	Dimension (Length)	IS 1077
159	MECHANICAL-BUILDINGS MATERIALS	Bricks Burnt Clay/Fly Ash	Dimension (Width)	IS 1077



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160	MECHANICAL-BUILDINGS MATERIALS	Bricks Burnt Clay/Fly Ash	Efflorescence	IS 3495 (Part 3)
161	MECHANICAL-BUILDINGS MATERIALS	Bricks Burnt Clay/Fly Ash	Water Absorption	IS 3495 (Part 2)
162	MECHANICAL-BUILDINGS MATERIALS	Cement	Compressive Strength (168+2 Hours)	IS 4031 (Part 6)
163	MECHANICAL-BUILDINGS MATERIALS	Cement	Compressive Strength (672+4 Hours)	IS 4031 (Part 6)
164	MECHANICAL-BUILDINGS MATERIALS	Cement	Compressive Strength (72+1 Hours)	IS 4031 (Part 6)
165	MECHANICAL-BUILDINGS MATERIALS	Cement	Density	IS 4031 (Part 11)
166	MECHANICAL-BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
167	MECHANICAL-BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
168	MECHANICAL-BUILDINGS MATERIALS	Cement	Soundness by Le-Chatelier	IS 4031 (Part 3)
169	MECHANICAL-BUILDINGS MATERIALS	Cement	Standard Consistency	IS 4031 (Part 4)
170	MECHANICAL-BUILDINGS MATERIALS	Cement (OPC/PPC)	Fineness by Blaine Air Permeability	IS 4031 (Part 2)
171	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	10% Fine Value	IS 2386 (Part 4)



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172	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
173	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Crushing value	IS 2386 (Part 4)
174	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
175	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
176	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Gradation (Sieve Size: 4.75 mm to 90 mm)	IS 2386 (Part 1)
177	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
178	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion Test	IS 2386 (Part 4)
179	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Soundness (MgSO <sub>4</sub> )	IS 2386 (Part 5)
180	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Soundness (Na <sub>2</sub> SO <sub>4</sub> )	IS 2386 (Part 5)
181	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
182	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
183	MECHANICAL-BUILDINGS MATERIALS	Emulsion	Ductility	IS 8887



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184	MECHANICAL-BUILDINGS MATERIALS	Emulsion	Particle charge	IS 8887
185	MECHANICAL-BUILDINGS MATERIALS	Emulsion	Penetration on Residue	IS 8887
186	MECHANICAL-BUILDINGS MATERIALS	Emulsion	Residue by evaporation	IS 8887
187	MECHANICAL-BUILDINGS MATERIALS	Emulsion	Residue on 600 Micron sieve	IS 8887
188	MECHANICAL-BUILDINGS MATERIALS	Emulsion	Solubility in Trichloroethylene	IS 8887
189	MECHANICAL-BUILDINGS MATERIALS	Emulsion	Storage stability after 24 hour	IS 8887
190	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
191	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Bulking of Fine Aggregate	IS:2386 (Part-3)
192	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Gradation (Sieve Size: 75 micron to 10 mm)	IS 2386 (Part 1)
193	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Material finer than 75 micron	IS 2386 (Part 1)
194	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Soundness (MgSO <sub>4</sub> )	IS 2386 (Part 5)
195	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Soundness (Na <sub>2</sub> SO <sub>4</sub> )	IS 2386 (Part 5)



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196	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
197	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
198	MECHANICAL-BUILDINGS MATERIALS	Flooring Tiles (Ceramic/Glazed/ Vitrified)	Breaking Strength	IS 13630 (Part 6)
199	MECHANICAL-BUILDINGS MATERIALS	Flooring Tiles (Ceramic/Glazed/ Vitrified)	Modulus of Rupture	IS 13630 (Part 6)
200	MECHANICAL-BUILDINGS MATERIALS	Flooring Tiles (Ceramic/Glazed/ Vitrified)	Water Absorption	IS 13630 (Part2)
201	MECHANICAL-BUILDINGS MATERIALS	Fresh Concrete	Slump Test	IS 1199 (Part 1)
202	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength of Accelerated Cured Concrete	IS 9013
203	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Depth of Penetration of water under pressure	IRS Concrete Bridge Code
204	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete (Core)	Compressive Strength	IS 516 (Part 4)
205	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete (Cube)	Compressive Strength	IS 516 (Part 1, Section 1)
206	MECHANICAL-BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
207	MECHANICAL-BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658



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208	MECHANICAL-BUILDINGS MATERIALS	Reinforcement Steel	Bend (Mandrel dia: 16, 20, 24, 30, 32, 36, 40, 48, 50, 56, 60, 64, 70, 72, 75, 80, 84, 96, 100, 108, 112, 120, 125, 128, 140, 144, 150, 160, 175, 180, 192, 224, 225, 288 mm)	IS 1599
209	MECHANICAL-BUILDINGS MATERIALS	Reinforcement Steel	Elongation	IS 1608 (Part 1)
210	MECHANICAL-BUILDINGS MATERIALS	Reinforcement Steel	Nominal Mass	IS 1786
211	MECHANICAL-BUILDINGS MATERIALS	Reinforcement Steel	Re-bend (Mandrel dia: 16, 20, 24, 30, 32, 36, 40, 48, 50, 56, 60, 64, 70, 72, 75, 80, 84, 96, 100, 108, 112, 120, 125, 128, 140, 144, 150, 160, 175, 180, 192, 224, 225, 288 mm)	IS 1786
212	MECHANICAL-BUILDINGS MATERIALS	Reinforcement Steel	Tensile Strength	IS 1608 (Part 1)
213	MECHANICAL-BUILDINGS MATERIALS	Reinforcement Steel	Yield Strength	IS 1608 (Part 1)
214	MECHANICAL-BUILDINGS MATERIALS	Structural Steel	Elongation	IS 1608 Part 1
215	MECHANICAL-BUILDINGS MATERIALS	Structural Steel	Ultimate Tensile Strength	IS 1608 Part 1
216	MECHANICAL-BUILDINGS MATERIALS	Structural Steel	Yield Strength	IS 1608 Part 1
217	MECHANICAL- ROCK-BASIC	Rock	Density	IS 13030



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218	MECHANICAL- ROCK-BASIC	Rock	Point Load Strength Index	IS:8764
219	MECHANICAL- ROCK-BASIC	Rock	Porosity	IS 13030
220	MECHANICAL- ROCK-BASIC	Rock	Unconfined Compressive Strength	IS 9143
221	MECHANICAL- ROCK-BASIC	Rock	Water Content	IS 13030
222	MECHANICAL- SOIL AND ROCK	Rock	Apparent Specific Gravity	IS:1124
223	MECHANICAL- SOIL AND ROCK	Rock	True Specific Gravity	IS:1122
224	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS 2720 (Part 16)
225	MECHANICAL- SOIL AND ROCK	Soil	Consolidation (Av)	IS 2720 (Part 15)
226	MECHANICAL- SOIL AND ROCK	Soil	Consolidation (Cv)	IS 2720 (Part 15)
227	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test - Angle of Internal Friction	IS 2720 (Part 13)
228	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test - Cohesion	IS 2720 (Part 13)
229	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
230	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Hydrometer Analysis)	IS 2720 P4
231	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Wet Analysis - 4.75 mm to 0.075 mm)	IS 2720 (Part 4)
232	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part 8)
233	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part 8)



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234	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part 7)
235	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 7)
236	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
237	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
238	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
239	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3, Section 1)
240	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Shear Test (UU) - Angle of Internal Friction	IS 2720 (Part 11)
241	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Shear Test (UU) - Cohesion	IS 2720 (Part 11)
242	MECHANICAL- SOIL AND ROCK	Soil Basic	Unconfined Compressive Strength	IS 2720 (Part 10)





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Site Testing				
1	MECHANICAL- SOIL-FIELD	Soil	Field Dry Density by Core Cutter Method	IS 2720 (Part 29)
2	MECHANICAL- SOIL-FIELD	Soil	Field Dry Density by Sand Replacement Method	IS 2720 (Part 28)
3	MECHANICAL- SOIL-FIELD	Soil	Plate load test	IS:1888
4	MECHANICAL- SOIL-FIELD	Soil	Standard Penetration test	IS 2131
5	MECHANICAL- SOIL-FIELD	Soil	Strain Modulus EV2	RDSO/GE: IRS-0004 (D)/DIN 18134
6	MECHANICAL- SOIL-FIELD	Soil	Water Content by Oven Drying Method	IS 2720 (Part 2)
7	MECHANICAL- SOIL-FIELD	Soil	Water content by Rapid Moisture Meter Method	IS 2720 (Part 2)
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Pile	Low Strain Pile Integrity Test	IS:14893
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation Depth	IS 516 (Part 5, Section 3)
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half Cell Potential Test	ASTM C876



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11	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer Test	IS 516 (Part 5, Section 4)
12	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity Test	IS 516 (Part 5, Section 1)