



**National Accreditation Board for
Testing and Calibration Laboratories**

CERTIFICATE OF ACCREDITATION

BECQUEREL INDUSTRIES PVT. LTD.

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

A-36, MIDC INDUSTRIAL AREA BUTIBORI NAGPUR, NAGPUR, MAHARASHTRA, INDIA

in the field of

TESTING

Certificate Number: TC-6382

Issue Date: 24/09/2024

Valid Until: 23/09/2026

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: BECQUEREL INDUSTRIES PVT. LTD.

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

BECQUEREL INDUSTRIES PVT. LTD., A-36, MIDC INDUSTRIAL AREA BUTIBORI NAGPUR, NAGPUR,
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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 Testing				
1	BIOLOGICAL- WATER	Drinking Water	Coliform	IS 15185
2	BIOLOGICAL- WATER	Drinking Water	Escherichia Coli	IS 15185
3	BIOLOGICAL- WATER	Drinking Water	Total Plate Count/Aerobic Microbial Count.	IS 5402 (Part 1)
4	BIOLOGICAL- WATER	Packaged Drinking Water	Coliform	IS 15185
5	BIOLOGICAL- WATER	Packaged Drinking Water	Escherichia coli	IS 15185
6	BIOLOGICAL- WATER	Packaged Drinking Water	Total Plate Count/Aerobic Microbial Count	IS 5402 (Part 1)
7	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Coliform	IS 15185
8	BIOLOGICAL- WATER	Packaged Natural Mineral Water	Escherichia coli	IS 15185
9	BIOLOGICAL- WATER	Water Purifiers	Coliform	IS 15185
10	BIOLOGICAL- WATER	Water Purifiers	Escherichia coli	IS 15185
11	BIOLOGICAL- WATER	Water purifiers	Total Plate Count/Aerobic Microbial Count	IS 5402 (Part 1)
12	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
13	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride Iron Content	IS 6925
14	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
15	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
16	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
17	CHEMICAL- BUILDING MATERIAL	Aggregate (Coarse)	Alkali Aggregate Reactivity- Reduction in Alkalinity (milimoles/litre)	IS:2386(P-7)
18	CHEMICAL- BUILDING MATERIAL	Aggregate (Coarse)	Alkali Aggregate Reactivity-Dissolved Silica	IS 2386(Part-7)



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19	CHEMICAL- BUILDING MATERIAL	Aggregate (Coarse)	Soundness By : Sodium Sulphate	IS:2386(P-5)
20	CHEMICAL- BUILDING MATERIAL	Aggregate (Course)	Soundness By : Magnesium Sulphate	IS:2386(P-5)
21	CHEMICAL- BUILDING MATERIAL	Aggregate (Fine & Course)	Sulphate	BSEN 1744-1 + A1
22	CHEMICAL- BUILDING MATERIAL	Aggregate (Fine)	Alkali Aggregate Reactivity-Dissolved Silica	IS:2386(P-7)
23	CHEMICAL- BUILDING MATERIAL	Aggregate (Fine)	Alkali Aggregate Reactivity- Reduction in Alkalinity (milimoles/litre)	IS:2386(P-7)
24	CHEMICAL- BUILDING MATERIAL	Aggregate (Fine)	Soundness By : Sodium Sulphate	IS:2386(P-5)
25	CHEMICAL- BUILDING MATERIAL	Aggregate Course (Fine & Course)	Chloride	BSEN 1744-1 + A1
26	CHEMICAL- BUILDING MATERIAL	Aggregate Fine	Soundness By : Magnesium Sulphate	IS:2386(P-5)
27	CHEMICAL- BUILDING MATERIAL	Bitumen	Ash Content	IS 1217 to 1220
28	CHEMICAL- BUILDING MATERIAL	Bitumen	Solubility in Trichloroethylene	IS 1216
29	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Aluminium Oxide	IS 4032
30	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Calcium Oxide	IS 4032
31	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Chloride	IS 4032
32	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Insoluble Residue	IS 4032
33	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Iron Oxide	IS 4032
34	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Loss on Ignition	IS 4032



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35	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Magnesium Oxide	IS 4032
36	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Silicon Oxide	IS 4032
37	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Sulphuric anhydride	IS 4032
38	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Chloride	IS 4032
39	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Insoluble Residue	IS 4032
40	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Loss on Ignition	IS 4032
41	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Magnesium Oxide	IS 4032
42	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Sulphuric anhydride	IS 4032
43	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Chloride	IS 4032
44	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Insoluble Residue	IS 4032
45	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Loss on Ignition	IS 4032
46	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Magnesium Oxide	IS 4032
47	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Sulphuric anhydride	IS 4032
48	CHEMICAL- BUILDING MATERIAL	FLY ASH	Aluminum Oxide Al ₂ O ₃	IS 1727
49	CHEMICAL- BUILDING MATERIAL	Fly Ash	Calcium oxide CaO	IS 1727
50	CHEMICAL- BUILDING MATERIAL	Fly ash	Iron Oxide Fe ₂ O ₃	IS 1727



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51	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition	IS 1727
52	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesium Oxide MgO	IS 1727
53	CHEMICAL- BUILDING MATERIAL	Fly ash	Silicon Oxide SiO ₂	IS 1727
54	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphuric anhydride as SO ₃	IS 1727
55	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Chloride	BS 1881 Part:124
56	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Sulphate	BS 1881:Part:124
57	CHEMICAL- BUILDING MATERIAL	Silica Fumes	Loss in Ignition	IS 1727
58	CHEMICAL- BUILDING MATERIAL	Silica Fumes	Moisture	IS 15388
59	CHEMICAL- BUILDING MATERIAL	Silica Fumes	Silicon Oxide SiO ₂	IS 1727
60	CHEMICAL- BUILDING MATERIAL	Ultra fine Ground Granulated Blast Furnace Slag	Calcium Oxide CaO	IS 4032
61	CHEMICAL- BUILDING MATERIAL	Ultra fine Ground Granulated Blast Furnace Slag	Insoluble Residue	IS 4032
62	CHEMICAL- BUILDING MATERIAL	Ultra fine Ground Granulated Blast Furnace Slag	Iron Oxide Fe ₂ O ₃	IS 4032
63	CHEMICAL- BUILDING MATERIAL	Ultra fine Ground Granulated Blast Furnace Slag	Loss on Ignition	IS 4032
64	CHEMICAL- BUILDING MATERIAL	Ultra fine Ground Granulated Blast Furnace Slag	Magnesium oxide MgO	IS 4032
65	CHEMICAL- BUILDING MATERIAL	Ultra fine Ground Granulated Blast Furnace Slag	Silicon Oxide SiO ₂	IS 4032
66	CHEMICAL- BUILDING MATERIAL	Ultra fine Ground Granulated Blast Furnace Slag	Sulfur trioxide SO ₃	IS 4032



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67	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Titanium Ti	ASTM E-1251
68	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Bismuth Bi	ASTM E-1251
69	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Chromium Cr	ASTM E-1251
70	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Cobalt Co	ASTM E -1251
71	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Copper Cu	ASTM E-1251
72	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Iron Fe	ASTM E-1251
73	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Magnesium Mg	ASTM E -1251
74	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Manganese Mn	ASTM E-1251
75	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Nickel Ni	ASTM E-1251
76	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Silicon Si	ASTM E-1251
77	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Vanadium V	ASTM E-1251
78	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Zinc Zn	ASTM E-1251
79	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Lead Pb	ASTM E 1251
80	CHEMICAL- METALS & ALLOYS	Carbon Steel	Carbon C	IS 228(P-1)
81	CHEMICAL- METALS & ALLOYS	Carbon Steel	Manganese Mn	IS 228(P-2)
82	CHEMICAL- METALS & ALLOYS	Carbon Steel	Phosphorus P	IS 228(P-3)



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83	CHEMICAL- METALS & ALLOYS	Carbon Steel	Silicon Si	IS 228(P-8)
84	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulphur S	IS 228(P-9)
85	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon C	ASTM E-1999
86	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium Cr	ASTM E -1999
87	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese Mn	ASTM E-1999
88	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus P	ASTM E-1999
89	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon Si	ASTM E-1999
90	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur S	ASTM E-1999
91	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Aluminium Al	BSEN 15079
92	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Antimony Sb	BSEN 15079
93	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Arsenic As	BSEN 15079
94	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Bismuth Bi	BSEN 15079
95	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Iron Fe	BS EN 15079
96	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Lead Pb	BSEN 15079
97	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Manganese Mn	BSEN 15079
98	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Nickle Ni	BSEN 15079



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99	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Phosphorus P	BSEN 15079
100	CHEMICAL- METALS & ALLOYS	copper Base Alloy	Silicon Si	BSEN 15079
101	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Silver Ag	BSEN 15079
102	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Sulphur S	BSEN 15079
103	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Tin Sn	BSEN 15079
104	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Zinc Zn	BSEN 15079
105	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Aluminium Al	ASTM E 415
106	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Boron B	ASTM E 415
107	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Carbon C	ASTM E-415
108	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Chromium Cr	ASTM E 415
109	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Cobalt Co	ASTM E 415
110	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Copper Cu	ASTM E 415
111	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Manganese Mn	ASTM E-415
112	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Molybdenum Mo	ASTM 415
113	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Nickel Ni	ASTM E415
114	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Niobium Nb	ASTM E 415



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115	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Nitrogen N	ASTM E 415
116	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Phosphorus P	ASTM E415
117	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Silicon Si	ASTM E-415
118	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Sulphur S	ASTM E415
119	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Tin Sn	ASTM E415
120	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Titanium Ti	ASTM E 415
121	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Vandium V	ASTM E415
122	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon C	ASTM E-1086
123	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon C	IS 228(P-1)
124	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium Cr	ASTM E-1086
125	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium Cr	IS 228(P-6)
126	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt Co	JIS G1253
127	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper Cu	ASTM E-1086
128	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese Mn	ASTM E-1086
129	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese Mn	IS 228(P-2)
130	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum Mo	ASTM E-1086



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131	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum Mo	IS 228(P-7)
132	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel Ni	ASTM E-1086
133	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel Ni	IS 228(P-5)
134	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium Nb	JIS G1253
135	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen N	JIS G1253
136	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus P	ASTM E-1086
137	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus P	IS 228(P-3)
138	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon Si	ASTM E-1086
139	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon Si	IS 228(P-8)
140	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur S	ASTM E-1086
141	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur S	IS 228(P-9)
142	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium (Ti)	ASTM E 1086
143	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium V	JIS G1253
144	CHEMICAL- PAINTS & SURFACE COATING	Paint	Colour	IS 101 Part-4/Sec. 2
145	CHEMICAL- PAINTS & SURFACE COATING	Paint	Consistency	IS 164 : Annex D
146	CHEMICAL- PAINTS & SURFACE COATING	Paint	Drying Time	IS 101 Part-3/Sec. 1



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147	CHEMICAL- PAINTS & SURFACE COATING	Paint	Finish	IS 101 Part-3/Sec. 4
148	CHEMICAL- PAINTS & SURFACE COATING	Paint	Flash Point	IS 101 (Part-1/Section 6)
149	CHEMICAL- PAINTS & SURFACE COATING	Paint	Mass/10 litres	IS 101 PART-1/SEC. 7
150	CHEMICAL- PAINTS & SURFACE COATING	Paint	Recoating Property	IS 164: Annex E
151	CHEMICAL- PAINTS & SURFACE COATING	Paint	Residue on Sieve (63 Micron)	IS 101 Part-8/Sec. 1
152	CHEMICAL- PAINTS & SURFACE COATING	Paint	Resistance to Bleeding	IS 164 Annex F
153	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphorus	IS:3025(P-31)Sec-1
154	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium	IS:3025(P-40)
155	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand (COD)	APHA 5220 D, 24th Edition
156	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium	APHA 3500 Mg B, 24th Edition
157	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate N2	APHA 4500 NO3 B, 24th Edition
158	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium	IS:3025(P-45)
159	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium	IS:3025(P-45)



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160	CHEMICAL-POLLUTION & ENVIRONMENT	Waste water	Ammoniacal Nitrogen	IS 3025 Part-34
161	CHEMICAL-POLLUTION & ENVIRONMENT	Waste water	Biochemical Oxygen Demand (BOD)	IS 3025 (Part-44)
162	CHEMICAL-POLLUTION & ENVIRONMENT	Waste water	Chemical Oxygen Demand (COD)	US EPA 410.4
163	CHEMICAL-POLLUTION & ENVIRONMENT	Waste water	Chloride Cl	IS 3025 (Part 32)
164	CHEMICAL-POLLUTION & ENVIRONMENT	Waste water	Chromium Cr	IS 3025 part 52
165	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water	Copper Cu	IS 3025 (Part 42)
166	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	IS 3025 Part-38
167	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water	Electrical Conductivity	IS 3025 (Part-14)
168	CHEMICAL-POLLUTION & ENVIRONMENT	Waste water	Fluoride (F)	APHA 4500-F D, 24th Edition
169	CHEMICAL-POLLUTION & ENVIRONMENT	Waste water	Free Residual Chlorine	IS 3025 (Part-26)
170	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water	Iron (Fe)	IS 3025 (Part 53)
171	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water	Manganese Mn	IS 3025 (Part 59)



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172	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nickel Ni	IS 3025 Part 54
173	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	IS 3025 (Part 11)
174	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate	IS 3025 Part 24 Sec 1
175	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solid	IS 3025 (Part-16)
176	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solid	IS 3025 (Part-17)
177	CHEMICAL- RESIDUES IN WATER	Drinking water	Aluminium (Al)	IS 3025 (Part-55)
178	CHEMICAL- RESIDUES IN WATER	Drinking water	Boron (B)	APHA 4500-B, 24th Edition
179	CHEMICAL- RESIDUES IN WATER	Drinking water	Calcium	IS 3025 Part 40
180	CHEMICAL- RESIDUES IN WATER	Drinking water	Chromium (Cr)	IS 3025 (Part-52)
181	CHEMICAL- RESIDUES IN WATER	Drinking water	Copper (Cu)	IS 3025 (Part-42)
182	CHEMICAL- RESIDUES IN WATER	Drinking water	Iron (Fe)	IS:3025 (Part-53)
183	CHEMICAL- RESIDUES IN WATER	Drinking water	Magnesium (Mg)	APHA 3500 Mg B, 24th Edition
184	CHEMICAL- RESIDUES IN WATER	Drinking water	Manganese (Mn)	IS 3025 (Part-59)
185	CHEMICAL- RESIDUES IN WATER	Drinking water	Nickel (Ni)	IS 3025 (Part-54)



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186	CHEMICAL- SOIL AND ROCK	Bentonite	Gel Formation Index	IS:6186
187	CHEMICAL- SOIL AND ROCK	Bentonite	Loss on Ignition (Other than loss on drying)	IS:6186
188	CHEMICAL- SOIL AND ROCK	Bentonite	Matter Soluble in water	IS:6186
189	CHEMICAL- SOIL AND ROCK	Bentonite	Moisture Content	IS:6186
190	CHEMICAL- SOIL AND ROCK	Bentonite	pH Value	IS:6186
191	CHEMICAL- SOIL AND ROCK	Bentonite	Swelling Power	IS:6186
192	CHEMICAL- SOIL AND ROCK	Soil	Calcium carbonate	IS 2720 Part 23
193	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (Pt-22)
194	CHEMICAL- SOIL AND ROCK	Soil	pH	IS 2720 (Pt-26)
195	CHEMICAL- SOIL AND ROCK	Soil	Sulphate	IS 2720 (Pt-27)
196	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Solids	IS 2720 Part 21
197	CHEMICAL- SOLID FUELS	Coal	Ash	IS 1350 (part-1)
198	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value (ADB)	IS 1350:part 2
199	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value (ARB)	IS1350 (Part 2)
200	CHEMICAL- SOLID FUELS	Coal	Inherent Moisture	IS1350 (Part 1)
201	CHEMICAL- SOLID FUELS	Coal	Moisture on AD basis	IS 1350 (Part-1)



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202	CHEMICAL- SOLID FUELS	Coal	Total Sulphur	IS 1350:part 3
203	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS 1350 (Part 1)
204	CHEMICAL- WATER	Construction Water	Chloride	IS 3025(Pt-32)
205	CHEMICAL- WATER	Construction Water	Fixed Residue	IS 3025(Pt-18)
206	CHEMICAL- WATER	Construction Water	Sulphate	IS 3025(Pt-24) Sec 1
207	CHEMICAL- WATER	Construction Water	Total Dissolved Solid	IS 3025(Pt-16)
208	CHEMICAL- WATER	Construction Water	Total suspended solid	IS 3025(Pt-17)
209	CHEMICAL- WATER	Construction Water	Volatile Residue	IS 3025(Pt-18)
210	CHEMICAL- WATER	Construction Water	Acidity (Volume of 0.02 N NaOH used to neutralize 100ml of sample using pheonolphthalein indicator)	IS 3025(Pt-22)
211	CHEMICAL- WATER	Construction Water	Alkainity (Volume of 0.02 N H2SO4 used to neutralize 100ml of sample using mixed Indicator)	IS 3025(Pt-23)
212	CHEMICAL- WATER	Construction Water	pH value	IS 3025(Pt-11)
213	CHEMICAL- WATER	Drinking Water	Ammoniacal N2	IS 3025 (Part-34)
214	CHEMICAL- WATER	Drinking Water	Bicarbonate	IS 3025 (Part 51)
215	CHEMICAL- WATER	Drinking Water	Carbonate	IS 3025 (Part 51)
216	CHEMICAL- WATER	Drinking Water	Chloramines	IS 3025 Part 26
217	CHEMICAL- WATER	Drinking Water	Chloride	IS:3025 (Pt-32)
218	CHEMICAL- WATER	Drinking Water	Colour	IS:3025(Pt-4)
219	CHEMICAL- WATER	Drinking Water	Electrical conductivity	IS 3025 (Part-14)
220	CHEMICAL- WATER	Drinking Water	Fluoride (F)	APHA 4500-F D:24th Edition
221	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	IS 3025 Part 26



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222	CHEMICAL- WATER	Drinking Water	Hardness	IS:3025 (Pt-21)
223	CHEMICAL- WATER	Drinking Water	Nitrate (NO3)	APHA 4500 NO3 B, 24th Edition
224	CHEMICAL- WATER	Drinking Water	Odour	IS:3025 (Pt-5)
225	CHEMICAL- WATER	Drinking Water	pH value	IS:3025 (Pt-11)
226	CHEMICAL- WATER	Drinking Water	Phenolphthalein Alkalinity (as CaCO3)	IS 3025 (Part 23)
227	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025 part 24: Sec 1
228	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Pt-8)
229	CHEMICAL- WATER	Drinking Water	Temperature	IS 3025 (Part 9)
230	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 Part 23
231	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	IS:3025 (Pt-16)
232	CHEMICAL- WATER	Drinking Water	Turbidity	IS:3025 (Pt-10)
233	MECHANICAL- BUILDINGS MATERIALS	ACC Blocks	Dimension Length	IS 2185 Part-3
234	MECHANICAL- BUILDINGS MATERIALS	ACC Blocks	Block Density	IS 6441 Part-1
235	MECHANICAL- BUILDINGS MATERIALS	ACC Blocks	Compressive Strength	IS 6441 Part-5
236	MECHANICAL- BUILDINGS MATERIALS	ACC Blocks	Drying Shrinkage	IS 6441 Part-2
237	MECHANICAL- BUILDINGS MATERIALS	ACC Blocks	Height	IS:2185 Part-3
238	MECHANICAL- BUILDINGS MATERIALS	ACC Blocks	Moisture Content	IS 6441 Part-1



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239	MECHANICAL-BUILDINGS MATERIALS	ACC Blocks	Width	IS:2185 Part-3
240	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 Part-2
241	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
242	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Flash Point	IS 1448 Part-69
243	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206 Part-3
244	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Loss of Heating	IS 1212
245	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
246	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
247	MECHANICAL-BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
248	MECHANICAL-BUILDINGS MATERIALS	Bitumen Emulsion for Road	Stability to mixing with cement	IS 8887 Annex:G
249	MECHANICAL-BUILDINGS MATERIALS	Bitumen Emulsion for Road	Storage Stability after 24 hrs	IS 8887 Annex:D
250	MECHANICAL-BUILDINGS MATERIALS	Bitumen Emulsion for Road	Test on Residue-Residue by Evaporation	IS 8887 Annex:J



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251	MECHANICAL-BUILDINGS MATERIALS	Bituminous Mix	Binder Content	ASTM:D 2172/D2172M-24
252	MECHANICAL-BUILDINGS MATERIALS	Bituminous Mix	Flow Test	ASTM D-6927
253	MECHANICAL-BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D-6927
254	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks	Compressive strength	IS 3495 Part-1
255	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension (Height)	IS 1077
256	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension (Length)	IS 1077
257	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks	Dimension (Width)	IS 1077
258	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks	Efflorescence	IS 3495 Part-3
259	MECHANICAL-BUILDINGS MATERIALS	Burnt Clay Bricks	Water Absorption	IS 3495 Part-2
260	MECHANICAL-BUILDINGS MATERIALS	Cement OPC, PPC, Slag cement	Initial Setting Time	IS: 4031(P-5)
261	MECHANICAL-BUILDINGS MATERIALS	Cement OPC, PPC, Slag cement	Compressive Strength	IS: 4031(P-6)
262	MECHANICAL-BUILDINGS MATERIALS	Cement OPC, PPC, Slag cement	Consistency	IS:4031(P-4)



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263	MECHANICAL-BUILDINGS MATERIALS	Cement OPC, PPC, Slag cement	Final Setting Time	IS: 4031(P-5)
264	MECHANICAL-BUILDINGS MATERIALS	Cement OPC, PPC, Slag cement	Fineness by Blain Air Permeability	IS: 4031(P-2)
265	MECHANICAL-BUILDINGS MATERIALS	Cement OPC, PPC, Slag cement	Soundness by Autoclave	IS: 4031(P-3)
266	MECHANICAL-BUILDINGS MATERIALS	Cement OPC, PPC, Slag cement	Density	IS 4031 (Part 11)
267	MECHANICAL-BUILDINGS MATERIALS	Cement OPC, PPC, Slag cement	Drying Shrinkage	IS 4031 (Part 10)
268	MECHANICAL-BUILDINGS MATERIALS	Cement OPC, PPC, Slag cement	Soundness by Lechatlier	IS: 4031(P-3)
269	MECHANICAL-BUILDINGS MATERIALS	Ceramic tiles	Hardness	IS 13630 Part-13
270	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	% of Voids in Compacted Density	IS 2386 Part-3
271	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	% of Voids in loose Density	IS 2386: part-3
272	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	10% Fine value	IS 2386 Part-4
273	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Compacted Bulk Density	IS 2386 Part -3
274	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 Part-4



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275	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material	IS 2386 Part-2
276	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 Part-1
277	MECHANICAL-BUILDINGS MATERIALS	Coarse aggregate	Flakiness Index	IS 2386 Part-1
278	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 Part-4
279	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Impact value of soft coarse aggregates	IS:5640
280	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Loose Bulk Density	IS 2386 Part-3
281	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Los angeles Abrasion Value	IS 2386 Part-4
282	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386: part-1
283	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 Part -3
284	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Stripping Value	IS 6241
285	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 Part -3
286	MECHANICAL-BUILDINGS MATERIALS	Concrete (Beam)	Accelerated Flexural Strength	IRC 85



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287	MECHANICAL-BUILDINGS MATERIALS	Concrete (Cube)	Accelerated Compressive Strength	IS 9013
288	MECHANICAL-BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 part 4
289	MECHANICAL-BUILDINGS MATERIALS	Concrete Paving Blocks	Compressive Strength	IS 15658
290	MECHANICAL-BUILDINGS MATERIALS	Concrete Paving Blocks	Resistance to Wear	IS 15658
291	MECHANICAL-BUILDINGS MATERIALS	Concrete Paving Blocks	Water Absorption	IS 15658
292	MECHANICAL-BUILDINGS MATERIALS	Curing Compound	Loss of Water in 72 hrs.	ASTM 309
293	MECHANICAL-BUILDINGS MATERIALS	Curing Compound	Curing Efficiency	BS 7542
294	MECHANICAL-BUILDINGS MATERIALS	Curing Compound	Drying Time	ASTM 309
295	MECHANICAL-BUILDINGS MATERIALS	Fine aggregate	Loose Bulk density	IS 2386 Part-3
296	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	% of Voids in Loose Density	IS 2386 Part-3
297	MECHANICAL-BUILDINGS MATERIALS	Fine aggregate	% Voids in Compacted Density	IS 2386 Part-3
298	MECHANICAL-BUILDINGS MATERIALS	Fine aggregate	Compacted Bulk density	IS 2386 Part-3



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299	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material	IS 2386 Part-2
300	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 Micron	IS 2386 Part-1
301	MECHANICAL-BUILDINGS MATERIALS	Fine aggregate	Sieve Analysis	IS 2386 Part-1
302	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Specific gravity	IS 2386 Part-3
303	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 part-3
304	MECHANICAL-BUILDINGS MATERIALS	Fly ash	Compressive Strength	IS 1727
305	MECHANICAL-BUILDINGS MATERIALS	Fly ash	Drying Shrinkage	IS 1727
306	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Final Setting Time	IS 1727
307	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Fineness by Blains air Permeability	IS 1727
308	MECHANICAL-BUILDINGS MATERIALS	Fly ash	Fineness by Sieving	IS 1727
309	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Initial Setting Time	IS 1727
310	MECHANICAL-BUILDINGS MATERIALS	Fly ash	Lime Reactivity	IS 1727



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311	MECHANICAL-BUILDINGS MATERIALS	Fly ash	Soundness by Autoclave	IS 1727
312	MECHANICAL-BUILDINGS MATERIALS	Fly ash	Soundness by Le-Chatelier	IS 1727
313	MECHANICAL-BUILDINGS MATERIALS	Fly ash	Specific Gravity	IS 1727
314	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Standard Consistency	IS 1727
315	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Beam Flexural Strength	IS 516 Part-1 Section-1
316	MECHANICAL-BUILDINGS MATERIALS	Hardened concrete	Concrete Permeability Test	MORTH & H Clause 1717.7.5
317	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516 Part-1 Sec-1
318	MECHANICAL-BUILDINGS MATERIALS	Hollow & Solid Concrete Block	Block Density	IS 2185 Part-1
319	MECHANICAL-BUILDINGS MATERIALS	Hollow & Solid Concrete Block	Compressive Strength	IS 2185 Part-1
320	MECHANICAL-BUILDINGS MATERIALS	Hollow & Solid Concrete Block	Drying Shrinkage	IS 2185 Part-1
321	MECHANICAL-BUILDINGS MATERIALS	Hollow & Solid Concrete Block	Moisture Movement	IS 2185 Part-1
322	MECHANICAL-BUILDINGS MATERIALS	Hollow & Solid Concrete Block	Water Absorption	IS 2185 Part-1



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323	MECHANICAL-BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension (Height)	IS 2185 Part-1
324	MECHANICAL-BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension (Length)	IS 2185 Part-1
325	MECHANICAL-BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension (Width)	IS 2185 Part-1
326	MECHANICAL-BUILDINGS MATERIALS	Natural Building Stone	Abrasion Resistance	IS 1706
327	MECHANICAL-BUILDINGS MATERIALS	Paver Blocks	Dimension : Length	IS 15658
328	MECHANICAL-BUILDINGS MATERIALS	Paver Blocks	Height	IS 15658
329	MECHANICAL-BUILDINGS MATERIALS	Paver Blocks	Width	IS 15658
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Covered Electrodes in Welding Mild & Low Alloy Steel	Diffusible Hydrogen Test	IS 11802
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys Products/ Weld in Metal	Bend Test, (Butt Weld) Face bend, Root bend & Side Bend	ASME Sec IX Clause: QW-462.3, QW-462.2
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys Products/ Weld in Metal	Tensile Strength	ASME sec. IX



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333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys Products/ Weld in Metal	Tensile Strength	BS EN ISO 15614-1
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys/ steel products/weld in metal	Fracture Test	ASME Sec IX
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys/ steel products/weld in metal	Macro Examination	ASME Sec IX
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars	Tensile Strength	IS 1786
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	% of Elongation	ASTM A370
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	% of Elongation	IS 1608 (Part-1):
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	% of Elongation	ISO 6892-1
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	0.2% Proof Stress	ASTM A370
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	0.2% Proof Stress	IS 1608 (Part-1)



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342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	0.2% Proof Stress	ISO 6892-1
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Bend Test	ASTM A370
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Bend Test	IS 1599
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Brinell Hardness (10/3000 HBW & 5/750 HBW)	IS 1500: Part 1
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Hardness Test HRB	IS 1586 Pt-1
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Hardness Test HRC	IS 1586 Pt-1
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Impact Test Charpy Impact Test 'V' Notch (Room Temperature to -70 Degree celsius)	IS 1757:Part 1
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Reduction in Area %,	ASTM A370
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Reduction in Area %,	ISO 6892-1



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351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Rockwell Hardness Test (HRC)	ASTM A370
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Rockwell Hardness Test (HRB)	ASTM A370
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Rockwell Hardness Test (HRC)	ISO 6508-1
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Rockwell Hardness Test (HRB)	ISO 6508-1
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Tensile Strength	IS 1608 (Part-1)
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Tensile Strength,	ASTM A370
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Tensile Strength,	ISO 6892-1
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Yield Strength	ASTM A370
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Yield Strength	IS 1608 (Part-1)



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360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Yield Strength	ISO 6892-1
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous) (Nut)	Proof Load	IS 1367 Part-6
362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	% of Elongation,	IS 1786
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Bend Test	IS 1786
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Rebend Test	IS 1786
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Tensile Strength	IS 1786
366	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Weight/meter	IS 1786
367	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Yield Strength/Proof Strength	IS 1786
368	MECHANICAL- SOIL AND ROCK	Bentonite	Density	ASTM D4380
369	MECHANICAL- SOIL AND ROCK	Bentonite	Free Swell Index	IS 2720 Part-40



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370	MECHANICAL- SOIL AND ROCK	Bentonite	Liquid Limit	IS 2720 Part-5
371	MECHANICAL- SOIL AND ROCK	Bentonite	Marsh Cone Viscosity	ASTM D-6910
372	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content	IS 6186
373	MECHANICAL- SOIL AND ROCK	Rock	Moisture Content	IS 13030
374	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index Test	IS 8764
375	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
376	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 13030
377	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength Test	IS 9143
378	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS 13030
379	MECHANICAL- SOIL AND ROCK	Rock	Wet/Dry Density	IS 13030
380	MECHANICAL- SOIL AND ROCK	Soil/Murrum	California Bearing Ratio	IS 2720 Part-16
381	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Compaction Test- Heavy Compaction (MDD)	IS 2720 Part-8
382	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Compaction Test-Heavy Compaction (OMC)	IS 2720 Part-8
383	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Compaction Test-Light Compaction (MDD)	IS 2720 Part-7
384	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Compaction test-Light Compaction (OMC)	IS 2720 Part-7
385	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Consolidation- Compression Index (Cc)	IS 2720 (Part-15)



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386	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Direct Shear test for soil containing Gravel-Cohesion	IS 2720 Part-39 Section-1
387	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Direct Shear test for soil containing gravel-Angle of Internal Friction	IS 2720 Part-39 Section-1
388	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Direct Shear Test-Angle of Internal Friction	IS 2720 Part-13
389	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Direct Shear test-Cohesion	IS 2720 Part-13
390	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Dry Density by Sand Replacement Method	IS 2720 Part-28
391	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Dry Density by the Core-cutter	IS 2720 Part-29
392	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Free Swell Index	IS 2720 Part-40
393	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Grain size analysis	IS 2720 Part-4
394	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Liquid Limit	IS 2720 Part-5
395	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Modulus of Sub grade Reaction	IS 9214
396	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Moisture Content	IS 2720 Part-2
397	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Permeability Test-Falling Head	IS 2720 Part-17
398	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Plastic Limit	IS 2720 Part-5
399	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Plasticity Index	IS 2720 Part-5
400	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Sand Equivalent for Sand & Soil	IS 2720 Part-37
401	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Shrinkage Limit	IS 2720 Part-6



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402	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Specific Gravity Fine grained soils	IS 2720 Part-3 Section-1
403	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Specific Gravity of Fine, Medium & Coarse Grained Soil	IS 2720 Part-3 Section-2
404	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Swell Pressure Test	IS 2720 Part-41
405	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Unconfined Compressive Strength	IS 2720 Part-10
406	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 516 Part-5 Sec-4
407	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity	IS 516 Part-5 Sec-I
408	NON-DESTRUCTIVE-METAL & ALLOYS	Ferromagnetic Weld, Casting & Forging	Magnetic Particle Testing (Prod, Yoke & Coil Method) Fluorescent Non-Fluorescent	ASME Sec V Article-7:2021 ,SE 709:2021, IS 3703
409	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & non ferrous Metal & Alloy Weld Casting Forging	Liquid Penetration Test (Solvent Removable) Visible Method Fluorescent Method	ASME Section-V Article-6:2021 , SE 165
410	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & non ferrous Metal & Alloy Weld, Casting	Radiography Testing X-Ray (250kv) Gamma Ray :Ir-192 Gamma Ray:Co-60	ASME Section-V Article-2&22 :2021 ,SE 94 :2021 ,IS 2595 :
411	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & Non Ferrous Metals & Alloys	Ultrasonic Thickness Measurement	ASME Section-V Article-23 SE 797 :2021



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412	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous Metals & Alloys, Weld, Casting & Forging	Ultrasonic Testing for Flaw Characterization	ASME Section-V Article 4,5 & 23:2021, IS 9565:1995, IS 7666:1988, SA 388:2021, SA 435:2021, SA 577:2021, SA 578:2021, SA 609:2021, SA 273



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Site Testing				
1	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Bulking Of sand	IS 2386 Part-3
2	MECHANICAL-BUILDINGS MATERIALS	Reinforced Concrete / Steel Bridges	Bridge/Span Load Test	IRC-SP:51
3	MECHANICAL- SOIL AND ROCK	Soil and Rock	Plate Load Test	IS: 1888
4	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Dry Density by Sand Replacement Method	IS 2720 Part-28
5	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Dry Density by the Core-cutter	IS 2720 Part-29
6	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Modulus of Sub grade Reaction	IS 9214
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete / Reinforced Concrete Structural member	Carbonation	IS 516 PART 5 (SEC 3)
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete / Reinforced Concrete Structural member	Cover Meter Test	BS: 1881- P-204: 1988, IS 456 :
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete / Reinforced Concrete Structural member	Half cell potential difference	IS 516 Part-5 Sec-2 : 2021, ASTM C-876
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete / Reinforced Concrete Structural member	Pile Integrity Test	IS 14893:2021 ,ASTM D: 5882



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11	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 516 Part-5 Sec-4
12	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity	IS 516 Part-5 Sec-I
13	NON-DESTRUCTIVE-METAL & ALLOYS	Ferromagnetic Weld, Casting & Forging	Magnetic Particle Testing (Prod, Yoke & Coil Method) Fluorescent Non-Fluorescent	ASME Sec V Article-7:2021 ,SE 709:2021, IS 3703
14	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & non ferrous Metal & Alloy Weld Casting Forging	Liquid Penetration Test (Solvent Removable) Visible Method Fluorescent Method	ASME Section-V Article-6:2021 , SE 165
15	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & non ferrous Metal & Alloy Weld, Casting	Radiography Testing X-Ray (250kv) Gamma Ray :Ir-192 Gamma Ray:Co-60	ASME Section-V Article-2&22 :2021 ,SE 94 :2021 ,IS 2595 :
16	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous & Non Ferrous Metals & Alloys	Ultrasonic Thickness Measurement	ASME Section-V Article-23 SE 797 :2021
17	NON-DESTRUCTIVE-METAL & ALLOYS	Ferrous Metals & Alloys, Weld, Casting & Forging	Ultrasonic Testing for Flaw Characterization	ASME Section-V Article 4,5 & 23:2021, IS 9565:1995, IS 7666:1988, SA 388:2021, SA 435:2021, SA 577:2021, SA 578:2021, SA 609:2021,SA 273

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.