National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BECQUEREL INDUSTRIES PVT. LTD., A-36, MIDC INDUSTRIAL AREA BUTTIBORI NAGPUR, NAGPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL- WATER	Drinking Water	Coliform	IS 15185
2	BIOLOGICAL- WATER	Drinking Water	Escherichia Coli	IS 15185
3	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride Iron Content	IS 6925
5	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
7	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
8	CHEMICAL- BUILDING MATERIAL	Aggregate (Coarse)	Alkali Aggregate Reactivity- Reduction in Alkalinity (milimoles/litre)	IS:2386(P-7)
9	CHEMICAL- BUILDING MATERIAL	Aggregate (Coarse)	Alkali Aggregate Reactivity- Dissolved Silica	IS 2386(Part-7)
10	CHEMICAL- BUILDING MATERIAL	Aggregate (Coarse)	Soundness By : Sodium Sulphate	IS:2386(P-5)
11	CHEMICAL- BUILDING MATERIAL	Aggregate (Course)	Soundness By : Magnesium Sulphate	IS:2386(P-5)
12	CHEMICAL- BUILDING MATERIAL	Aggregate (Fine & Course)	Sulphate	BSEN 1744-1 + A1
13	CHEMICAL- BUILDING MATERIAL	Aggregate (Fine)	Alkali Aggregate Reactivity- Dissolved Silica	IS:2386(P-7)
14	CHEMICAL- BUILDING MATERIAL	Aggregate (Fine)	Alkali Aggregate Reactivity- Reduction in Alkalinity	IS:2386(P-7)
15	CHEMICAL- BUILDING MATERIAL	Aggregate (Fine)	Soundness By : Sodium Sulphate	IS:2386(P-5)
16	CHEMICAL- BUILDING MATERIAL	Aggregate Course (Fine & Course)	Chloride	BSEN 1744-1 + A1
17	CHEMICAL- BUILDING MATERIAL	Aggregate Fine	Soundness By : Magnesium Sulphate	IS:2386(P-5)
18	CHEMICAL- BUILDING MATERIAL	Bitumen	Ash Content	IS 1217
19	CHEMICAL- BUILDING MATERIAL	Bitumen	Solubility in Trichloroethylene	IS 1216

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20	CHEMICAL- BUILDING MATERIAL	Cement	Chloride	IS 4032
21	CHEMICAL- BUILDING MATERIAL	Cement	Insoluble residue	IS 4032
22	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Aluminium Oxide Al2O3 (R2O3, Fe2O3)	IS 4032
23	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Calcium Oxide CaO	IS 4032
24	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Iron Oxide Fe2O3	IS 4032
25	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Loss on Ignition	IS 4032
26	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Magnesium oxide MgO	IS 4032
27	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Silicon Oxide SiO2	IS 4032
28	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Sulphuric anhydride as SO3	IS 4032
29	CHEMICAL- BUILDING MATERIAL	FLY ASH	Aluminum Oxide Al2O3	IS 1727
30	CHEMICAL- BUILDING MATERIAL	Fly Ash	Calcium oxide CaO	IS 1727
31	CHEMICAL- BUILDING MATERIAL	Fly ash	Iron Oxide Fe2O3	IS 1727
32	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition	IS 1727
33	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesium Oxide MgO	IS 1727
34	CHEMICAL- BUILDING MATERIAL	Fly ash	Silicon Oxide SiO2	IS 1727
35	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphuric anhydride as SO3	IS 1727
36	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Chloride	BS 1881 Part:124
37	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Sulphate	BS 1881:Part:124
38	CHEMICAL- BUILDING MATERIAL	Silica Fumes	Loss in Ignition	IS 1727

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39	CHEMICAL- BUILDING MATERIAL	Silica Fumes	Moisture	IS 15388
40	CHEMICAL- BUILDING MATERIAL	Silica Fumes	Silicon Oxide SiO2	IS 1727
41	CHEMICAL- BUILDING MATERIAL	Ultra fine Ground Granulated Blast Furnace Slag	Calcium Oxide CaO	IS 4032
42	CHEMICAL- BUILDING MATERIAL	Ultra fine Ground Granulated Blast Furnace Slag	Insoluble Residue	IS 4032
43	CHEMICAL- BUILDING MATERIAL	Ultra fine Ground Granulated Blast Furnace Slag	Iron Oxide Fe2O3	IS 4032
44	CHEMICAL- BUILDING MATERIAL	Ultra fine Ground Granulated Blast Furnace Slag	Loss on Ignition	IS 4032
45	CHEMICAL- BUILDING MATERIAL	Ultra fine Ground Granulated Blast Furnace Slag	Magnesium oxide MgO	IS 4032
46	CHEMICAL- BUILDING MATERIAL	Ultra fine Ground Granulated Blast Furnace Slag	Silicon Oxide SiO2	IS 4032
47	CHEMICAL- BUILDING MATERIAL	Ultra fine Ground Granulated Blast Furnace Slag	Sulfur trioxide SO3	IS 4032
48	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Titanium Ti	ASTM E-1251
49	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Bismuth Bi	ASTM E-1251
50	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Chromium Cr	ASTM E-1251
51	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Cobalt Co	ASTM E -1251
52	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Copper Cu	ASTM E-1251
53	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Iron Fe	ASTM E-1251
54	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Magnesium Mg	ASTM E -1251
55	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Manganese Mn	ASTM E-1251
56	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Nickel Ni	ASTM E-1251
57	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Silicon Si	ASTM E-1251

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58	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Vanadium V	ASTM E-1251
59	CHEMICAL- METALS & ALLOYS	Alloy Aluminium	Zinc Zn	ASTM E-1251
60	CHEMICAL- METALS & ALLOYS	Aluminum Alloy	Lead Pb	ASTM E 1251
61	CHEMICAL- METALS & ALLOYS	Carbon Steel	Carbon C	IS 228(P-1)
62	CHEMICAL- METALS & ALLOYS	Carbon Steel	Manganese Mn	IS 228(P-2)
63	CHEMICAL- METALS & ALLOYS	Carbon Steel	Phosphorus P	IS 228(P-3)
64	CHEMICAL- METALS & ALLOYS	Carbon Steel	Silicon Si	IS 228(P-8)
65	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulphur S	IS 228(P-9)
66	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon C	ASTM E-1999
67	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium Cr	ASTM E -1999
68	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese Mn	ASTM E-1999
69	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus P	ASTM E-1999
70	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon Si	ASTM E-1999
71	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur S	ASTM E-1999
72	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Aluminium Al	BSEN 15079
73	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Antimony Sb	BSEN 15079
74	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Arsenic As	BSEN 15079
75	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Bismuth Bi	BSEN 15079
76	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Iron Fe	BS EN 15079

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77	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Lead Pb	BSEN 15079
78	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Manganese Mn	BSEN 15079
79	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Nickle Ni	BSEN 15079
80	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Phosphorus P	BSEN 15079
81	CHEMICAL- METALS & ALLOYS	copper Base Alloy	Silicon Si	BSEN 15079
82	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Silver Ag	BSEN 15079
83	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Sulphur S	BSEN 15079
84	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Tin Sn	BSEN 15079
85	CHEMICAL- METALS & ALLOYS	Copper Base Alloy	Zinc Zn	BSEN 15079
86	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Aluminium Al	ASTM E 415
87	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Boron B	ASTM E 415
88	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Carbon C	ASTM E-415
89	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Chromium Cr	ASTM E 415
90	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Cobalt Co	ASTM E 415
91	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Copper Cu	ASTM E 415
92	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Manganese Mn	ASTM E-415
93	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Molybdenum Mo	ASTM 415
94	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Nickel Ni	ASTM E415
95	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Niobium Nb	ASTM E 415

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96	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Nitrogen N	ASTM E 415
97	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Phosphorus P	ASTM E415
98	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Silicon Si	ASTM E-415
99	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Sulphur S	ASTM E415
100	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Tin Sn	ASTM E415
101	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Titanium Ti	ASTM E 415
102	CHEMICAL- METALS & ALLOYS	Plain Carbon, Low Alloy Steel	Vandium V	ASTM E415
103	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon C	ASTM E-1086
104	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon C	IS 228(P-1)
105	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium Cr	ASTM E-1086
106	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium Cr	IS 228(P-6)
107	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt Co	ASTM E-1086
108	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper Cu	ASTM E-1086
109	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese Mn	ASTM E-1086
110	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese Mn	IS 228(P-2)
111	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum Mo	ASTM E-1086
112	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum Mo	IS 228(P-7)
113	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel Ni	ASTM E-1086
114	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel Ni	IS 228(P-5)

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115	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen N	ASTM E-1086
116	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus P	ASTM E-1086
117	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus P	IS 228(P-3)
118	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon Si	ASTM E-1086
119	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon Si	IS 228(P-8)
120	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur S	ASTM E-1086
121	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur S	IS 228(P-9)
122	CHEMICAL- PAINTS & SURFACE COATING	Paint	Colour	IS 101 Part-4/Sec. 2
123	CHEMICAL- PAINTS & SURFACE COATING	Paint	Consistency	IS 164 : Annex D
124	CHEMICAL- PAINTS & SURFACE COATING	Paint	Drying Time	IS 101 Part-3/Sec. 1
125	CHEMICAL- PAINTS & SURFACE COATING	Paint	Finish	IS 101 Part-3/Sec. 4
126	CHEMICAL- PAINTS & SURFACE COATING	Paint	Flash Point	IS 101 (Part-1/Section 6)
127	CHEMICAL- PAINTS & SURFACE COATING	Paint	Mass/10 litres	IS 101 PART-1/SEC. 7
128	CHEMICAL- PAINTS & SURFACE COATING	Paint	Recoating Property	IS 164: Annex E
129	CHEMICAL- PAINTS & SURFACE COATING	Paint	Residue on Sieve (63 Micron)	IS 101 Part-8/Sec. 1
130	CHEMICAL- PAINTS & SURFACE COATING	Paint	Resistance to Bleeding	IS 101 Part-7/Sec. 4
131	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphorus	IS:3025(P-31)
132	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium	IS:3025(P-40)
133	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	COD	APHA 5220-D

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134	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	APHA 4500-O G
135	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium	APHA 3500 Mg B
136	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate N2	APHA 4500-NO3 B
137	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium	IS:3025(P-45)
138	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium	IS:3025(P-45)
139	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Ammoniacal Nitrogen	IS 3025 Part 34
140	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	BOD	IS 3025 part 44
141	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chloride Cl	IS 3025 (Part 32)
142	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chromium Cr	IS 3025 part 52
143	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	COD	US EPA 410.4
144	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Copper Cu	IS 3025 (Part 42)
145	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	IS 3025 Part-38
146	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical Conductivity	IS 3025 Part 14
147	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Fluoride	APHA 4500-F D
148	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Free Residual Chlorine	IS 3025 Part 26
149	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron Fe	IS 3025 (Part 53):
150	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Lead Pb	IS 3025 Part 47
151	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Manganese Mn	IS 3025 (Part 59)
152	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nickel Ni	IS 3025 Part 54

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153	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	IS 3025 (Part 11)
154	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate	IS 3025 part 24
155	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solid	IS 3025 Part 16
156	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solid	IS 3025 Part-17
157	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Zinc Zn	IS 3025 (Part 49)
158	CHEMICAL- RESIDUES IN WATER	Drinking water	Aluminium	IS 3025 Part 55
159	CHEMICAL- RESIDUES IN WATER	Drinking water	Boron	APHA 4500-B B
160	CHEMICAL- RESIDUES IN WATER	Drinking water	Calcium	IS 3025 Part 40
161	CHEMICAL- RESIDUES IN WATER	Drinking water	Chromium	IS 3025 Part 52
162	CHEMICAL- RESIDUES IN WATER	Drinking water	Copper	IS 3025 Part 42
163	CHEMICAL- RESIDUES IN WATER	Drinking water	Iron	IS:3025 (Pt-53)
164	CHEMICAL- RESIDUES IN WATER	Drinking water	Lead Pb	IS 3025 Part 47
165	CHEMICAL- RESIDUES IN WATER	Drinking water	Magnesium	APHA 3500-Mg B
166	CHEMICAL- RESIDUES IN WATER	Drinking water	Manganese	IS 3025 Part 59
167	CHEMICAL- RESIDUES IN WATER	Drinking water	Nickel	IS 3025 Part 54
168	CHEMICAL- RESIDUES IN WATER	Drinking water	Zinc Zn	IS 3025 Part 49
169	CHEMICAL- SOIL AND ROCK	Bentonite	Gel Formation Index	IS:6186
170	CHEMICAL- SOIL AND ROCK	Bentonite	Loss on Ignition (Other than loss on drying)	IS:6186
171	CHEMICAL- SOIL AND ROCK	Bentonite	Matter Soluble in water	IS:6186

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172	CHEMICAL- SOIL AND ROCK	Bentonite	Moisture Content	IS:6186
173	CHEMICAL- SOIL AND ROCK	Bentonite	pH Value	IS:6186
174	CHEMICAL- SOIL AND ROCK	Bentonite	Swelling Power	IS:6186
175	CHEMICAL- SOIL AND ROCK	Soil	Calcium carbonate	IS 2720 Part 23
176	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (Pt-22)
177	CHEMICAL- SOIL AND ROCK	Soil	pH	IS 2720 (Pt-26)
178	CHEMICAL- SOIL AND ROCK	Soil	Sulphate	IS 2720 (Pt-27)
179	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Solids	IS 2720 Part 21
180	CHEMICAL- SOLID FUELS	Coal	Ash	IS 1350 (part-1)
181	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	IS 1350:part 2
182	CHEMICAL- SOLID FUELS	Coal	Moisture on AD basis	IS 1350 (Part-1)
183	CHEMICAL- SOLID FUELS	Coal	Total Sulphur	IS 1350:part 3
184	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS 1350 (Part 1)
185	CHEMICAL- WATER	Construction Water	Chloride	IS 3025(Pt-32)
186	CHEMICAL- WATER	Construction Water	Fixed Residue	IS 3025(Pt-18)
187	CHEMICAL- WATER	Construction Water	pH value	IS 3025(Pt-11)
188	CHEMICAL- WATER	Construction Water	Sulphate	IS 3025(Pt-24) Sec 1
189	CHEMICAL- WATER	Construction Water	Total Dissolved Solid	IS 3025(Pt-16)
190	CHEMICAL- WATER	Construction Water	Total suspended solid	IS 3025(Pt-17)
191	CHEMICAL- WATER	Construction Water	Volatile Residue	IS 3025(Pt-18)
192	CHEMICAL- WATER	Construction Water	Acidity (Volume of 0.02 N NaOH used to neutralize 100ml of sample using pheonolphthalein indicator)	IS 3025(Pt-22)
193	CHEMICAL- WATER	Construction Water	Alkainity (Volume of 0.02 N H_2SO_4 used to neutralize 100ml of sample using mixed Indicator)	IS 3025(Pt-23)

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194	CHEMICAL- WATER	Drinking Water	Ammonia	IS 3025 Part 34
195	CHEMICAL- WATER	Drinking Water	Chloramines	IS 3025 Part 26
196	CHEMICAL- WATER	Drinking Water	Chloride	IS:3025 (Pt-32)
197	CHEMICAL- WATER	Drinking Water	Colour	IS:3025(Pt-4)
198	CHEMICAL- WATER	Drinking Water	Electrical conductivity	IS 3025 part 14
199	CHEMICAL- WATER	Drinking Water	Fluoride	APHA 4500-F D
200	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	IS 3025 Part 26
201	CHEMICAL- WATER	Drinking Water	Hardness	IS:3025 (Pt-21)
202	CHEMICAL- WATER	Drinking Water	Nitrate	APHA 4500-NO3 B
203	CHEMICAL- WATER	Drinking Water	Odour	IS:3025 (Pt-5)
204	CHEMICAL- WATER	Drinking Water	pH value	IS:3025 (Pt-11)
205	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025 part 24: Sec 1
206	CHEMICAL- WATER	Drinking Water	Taste	IS:3025 (Pt-7 & 8)
207	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 Part 23
208	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	IS:3025 (Pt-16)
209	CHEMICAL- WATER	Drinking Water	Turbidity	IS:3025 (Pt-10)
210	MECHANICAL- BUILDINGS MATERIALS	ACC Blocks	Dimension Length	IS 2185 Part-3
211	MECHANICAL- BUILDINGS MATERIALS	ACC Blocks	Block Density	IS 6441 Part-1
212	MECHANICAL- BUILDINGS MATERIALS	ACC Blocks	Compressive Strength	IS 6441 Part-5
213	MECHANICAL- BUILDINGS MATERIALS	ACC Blocks	Drying Shrinkage	IS 6441 Part-2
214	MECHANICAL- BUILDINGS MATERIALS	ACC Blocks	Height	IS:2185 Part-3
215	MECHANICAL- BUILDINGS MATERIALS	ACC Blocks	Moisture Content	IS 6441 Part-1
216	MECHANICAL- BUILDINGS MATERIALS	ACC Blocks	Width	IS:2185 Part-3
217	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 Part-2
218	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208

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219	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point	IS 1448 Part-69
220	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206 Part-3
221	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Loss of Heating	IS 1212
222	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
223	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
224	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
225	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion for Road	Stability to mixing with cement	IS 8887 Annex:G
226	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion for Road	Storage Stability after 24 hrs	IS 8887 Annex:D
227	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion for Road	Test on Residue-Residue by Evaporation	IS 8887 Annex:J
228	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content	IRC SP-112
229	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Flow Test	ASTM D-6927
230	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D-6927
231	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive strength	IS 3495 Part-1
232	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Height)	IS 1077
233	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS 1077
234	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS 1077
235	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 Part-3
236	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 Part-2
237	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, Slag cement	Initial Setting Time	IS: 4031(P-5)

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238	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, Slag cement	Compressive Strength	IS: 4031(P-6)
239	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, Slag cement	Consistency	IS:4031(P-4)
240	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, Slag cement	Final Setting Time	IS: 4031(P-5)
241	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, Slag cement	Fineness by Blain Air Permeability	IS: 4031(P-2)
242	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, Slag cement	Soundness by Autoclave	IS: 4031(P-3)
243	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, Slag cement	Density	IS 4031 (Part 11)
244	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, Slag cement	Drying Shrinkage	IS 4031 (Part 10)
245	MECHANICAL- BUILDINGS MATERIALS	Cement OPC, PPC, Slag cement	Soundness by Lechatlier	IS: 4031(P-3)
246	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Hardness	IS 13630 Part-13
247	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	% of Voids in Compacted Density	IS 2386 Part-3
248	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	% of Voids in loose Density	IS 2386: part-3
249	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fine value	IS 2386 Part-4
250	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Compacted Bulk Density	IS 2386 Part -3
251	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 Part-4
252	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material	IS 2386 Part-2
253	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 Part-1
254	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Flakiness Index	IS 2386 Part-1
255	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 Part-4
256	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact value of soft coarse aggregates	IS:5640

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257	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Loose Bulk Density	IS 2386 Part-3
258	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los angeles Abrasion Value	IS 2386 Part-4
259	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386: part-1
260	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 Part -3
261	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Stripping Value	IS 6241
262	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 Part -3
263	MECHANICAL- BUILDINGS MATERIALS	Concrete (Beam)	Accelerated Flexural Strength	IRC 85
264	MECHANICAL- BUILDINGS MATERIALS	Concrete (Cube)	Accelerated Compressive Strength	IS 9013
265	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength	IS 516 part 4
266	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Compressive Strength	IS 15658
267	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Resistance to Wear	IS 15658
268	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Water Absorption	IS 15658
269	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Loss of Water in 72 hrs.	ASTM 309
270	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Curing Efficiency	BS 7542
271	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Drying Time	ASTM 309
272	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Loose Bulk density	IS 2386 Part-3
273	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	% of Voids in Loose Density	IS 2386 Part-3
274	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	% Voids in Compacted Density	IS 2386 Part-3
275	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking Of sand	IS 2386 Part-3

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276	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Compacted Bulk density	IS 2386 Part-3
277	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material	IS 2386 Part-2
278	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 Micron	IS 2386 Part-1
279	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Sieve Analysis	IS 2386 Part-1
280	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific gravity	IS 2386 Part-3
281	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 part-3
282	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Compressive Strength	IS 1727
283	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Drying Shrinkage	IS 1727
284	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Final Setting Time	IS 1727
285	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Blains air Permeability	IS 1727
286	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by Sieving	IS 1727
287	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Initial Setting Time	IS 1727
288	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Lime Reactivity	IS 1727
289	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Soundness by Autoclave	IS 1727
290	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Soundness by Le- Chatelier	IS 1727
291	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific Gravity	IS 1727
292	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Standard Consistancy	IS 1727
293	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Beam Flexural Strength	IS 516 Part-1 Section-1
294	MECHANICAL- BUILDINGS MATERIALS	Hardened concrete	Concrete Permeability Test	MORTH & H Clause 1717.7.5

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295	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Compressive Strength	IS 516 Part-1 Sec-1
296	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Block	Block Density	IS 2185 Part-1
297	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Block	Compressive Strength	IS 2185 Part-1
298	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Block	Drying Shrinkage	IS 2185 Part-1
299	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Block	Moisture Movement	IS 2185 Part-1
300	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Block	Water Absorption	IS 2185 Part-1
301	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension (Height)	IS 2185 Part-1
302	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension (Length)	IS 2185 Part-1
303	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Concrete Blocks	Dimension (Width)	IS 2185 Part-1
304	MECHANICAL- BUILDINGS MATERIALS	Natural Building Stone	Abrasion Resistance	IS 1706
305	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Dimension : Length	IS 15658
306	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Height	IS 15658
307	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Width	IS 15658
308	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
309	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys Products/ Weld in Metal	Tensile Strength	ASME sec. IX
310	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys Products/ Weld in Metal	Tensile Strength	BS EN ISO 15614-1
311	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys/ steel products/weld in metal	Fracture Test	ASME Sec IX

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312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys/ steel products/weld in metal	Macro Examination	ASME Sec IX
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars	Tensile Strength	IS 1786
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Yield/ Proof Strength	IS 1608 (Part-1) & IS 1786
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	% of Elongation	ASTM A370
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	% of Elongation	IS 1608 (Part-1):
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	% of Elongation	IS 1608:Part 1 & IS 1786
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	% of Elongation	ISO 6892-1
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	% of Elongation,	IS 1608 (Part-1)
320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	% of Reduction	IS 1608 (Part-1) & IS 1786
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	0.2% Proof Stress	ASTM A370
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	0.2% Proof Stress	IS 1608 (Part-1)
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	0.2% Proof Stress	ISO 6892-1
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Bend Test	ASTM A370
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Bend Test	IS 1599

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326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Bend Test	IS 1599
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Brinell Hardness (10/3000 HBW & 5/750 HBW)	IS 1500: Part 1
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Hardness Test HRB	IS 1586 Pt-1
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Hardness Test HRC	IS 1586 Pt-1
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Impact Test Charpy Impact Test 'V' Notch	IS:1757- Pt 1
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Reduction in Area %	IS 1608 (Part-1)
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Reduction in Area %,	ASTM A370
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Reduction in Area %,	ISO 6892-1
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Rockwell Hardness Test (HRC)	ASTM A370
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Rockwell Hardness Test (HRB)	ASTM A370
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Rockwell Hardness Test (HRC)	ISO 6508-1
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Rockwell Hardness Test (HRB)	ISO 6508-1
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Tensile Strength	IS 1608 (Part-1)
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Tensile Strength,	ASTM A370

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340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Tensile Strength,	IS 1608 (Part-1)
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Tensile Strength,	ISO 6892-1
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Yield Strength	ASTM A370
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Yield Strength	IS 1608 (Part-1)
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Yield Strength	ISO 6892-1
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Yield Strength,	IS 1608 (Part-1):
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous)	Yield Strength,	IS 1786
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous) (Bolt)	% Reduction Area	IS 1608:Part 1 & IS 1367: Part 3
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous) (Bolt)	Elongation	IS 1608: Part 1 & IS 1367: Part 3
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous) (Bolt)	Tensile	IS 1608:Part 1 & IS 1367: Part 3
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous) (Bolt)	Yield Strength / Proof Strength	IS 1608: Part 1 & IS 1367: Part 3
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Ferrous & Non-Ferrous) (Nut)	Proof Load	IS 1367 Part-6
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Non-Ferrous)	% of Elongation	IS 1608 (Part-1)
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Non-Ferrous)	% of Elongation	IS 1608 (Part-1)

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354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Non-Ferrous)	0.2% Proof Stress	IS 1608 (Part-1)
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Non-Ferrous)	0.2% Proof Stress	IS 1608 (Part-1):
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Non-Ferrous)	Reduction in Area %	IS 1608 (Part-1)
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Non-Ferrous)	Reduction in Area %,	IS 1608 (Part-1)
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Non-Ferrous)	Rockwell Hardness Test (HRB)	IS 1586 (Part-1)
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Non-Ferrous)	Tensile Strength	IS 1608 (Part-1)
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Non-Ferrous)	Tensile Strength	IS 1608 (Part-1):
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	% of Elongation,	IS 1786
362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Bend Test	IS 1786
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Rebend Test	IS 1786
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Tensile Strength	IS 1608(P-1) & IS 1786
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Weight/meter	IS 1786
366	MECHANICAL- SOIL AND ROCK	Bentonite	Density	ASTM D4380
367	MECHANICAL- SOIL AND ROCK	Bentonite	Free Swell Index	IS 2720 Part-40

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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
368	MECHANICAL- SOIL AND ROCK	Bentonite	Liquid Limit	IS 2720 Part-5
369	MECHANICAL- SOIL AND ROCK	Bentonite	Marsh Cone Viscosity	ASTM D-6910
370	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content	IS 6186
371	MECHANICAL- SOIL AND ROCK	Rock	Moisture Content	IS 13030
372	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index Test	IS 8764
373	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
374	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 13030
375	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength Test	IS 9143
376	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS 13030
377	MECHANICAL- SOIL AND ROCK	Rock	Wet/Dry Density	IS 13030
378	MECHANICAL- SOIL AND ROCK	Soil/Murrum	California Bearing Ratio	IS 2720 Part-16
379	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Compaction Test- Heavy Compaction (MDD)	IS 2720 Part-8
380	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Compaction Test-Heavy Compaction (OMC)	IS 2720 Part-8
381	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Compaction Test-Light Compaction (MDD)	IS 2720 Part-7
382	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Compaction test-Light Compaction (OMC)	IS 2720 Part-7
383	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Consolidation- Compression Index (Cc)	IS 2720 Part-15
384	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Direct Shear test for soil containing Gravel- Cohesion	IS 2720 Part-39 Section-1
385	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Direct Shear test for soil containing gravel-Angle of Internal Friction	IS 2720 Part-39 Section-1

SCOPE OF ACCREDITATION

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386	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Direct Shear Test-Angle of Internal Friction	IS 2720 Part-13
387	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Direct Shear test-Cohesion	IS 2720 Part-13
388	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Dry Density by Sand Replacement Method	IS 2720 Part-28
389	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Dry Density by the Core-cutter	IS 2720 Part-29
390	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Grain size analysis	IS 2720 Part-4
391	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Liquid Limit	IS 2720 Part-5
392	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Modulus of Sub grade Reaction	IS 9214
393	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Moisture Content	IS 2720 Part-2
394	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Permeability Test-Falling Head	IS 2720 Part-17
395	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Plastic Limit	IS 2720 Part-5
396	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Sand Equivalent for Sand & Soil	IS 2720 Part-37
397	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Shrinkage Limit	IS 2720 Part-6
398	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Specific Gravity Fine grained soils	IS 2720 Part-3 Section-1
399	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Specific Gravity of Fine, Medium & Coarse Grained Soil	IS 2720 Part-3 Section-2
400	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Swell Pressure Test	IS 2720 Part-41
401	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Unconfined Compressive Strength	IS 2720 Part-10
402	MECHANICAL- SOIL AND ROCK	Soil/Rock	Free Swell Index	IS 2720 Part-40
403	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 516 Part-5 Sec-4

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404	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velosity	IS 516 Part-5 Sec-I
405	NON-DESTRUCTIVE-METALS & 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
406	NON-DESTRUCTIVE-METALS & 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
407	NON-DESTRUCTIVE-METALS & 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 :
408	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Non Ferrous Metals & Alloys	Ultrasonic Thickness Measurement	ASME Section-V Article-23 SE 797 :2021
409	NON-DESTRUCTIVE-METALS & 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
410	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Structure	Vibration Analysis	ISO 10816 Part 4

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Site Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Reinforced Concrete / Steel Bridges	Bridge/Span Load Test	IRC-SP:51
2	MECHANICAL- SOIL AND ROCK	Soil and Rock	Plate Load Test	IS: 1888
3	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Dry Density by Sand Replacement Method	IS 2720 Part-28
4	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Dry Density by the Core-cutter	IS 2720 Part-29
5	MECHANICAL- SOIL AND ROCK	Soil/Murrum	Modulus of Sub grade Reaction	IS 9214
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete / Reinforced Concrete Structural member	Carbonation	IS 516 PART 5 (SEC 3)
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete / Reinforced Concrete Structural member	Cover Meter Test	BS: 1881- P-204
8	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
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete / Reinforced Concrete Structural member	Pile Integrity Test	IS 14893:2021 ,ASTM D: 5882
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 516 Part-5 Sec-4
11	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velosity	IS 516 Part-5 Sec-I
12	NON-DESTRUCTIVE-METALS & 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
13	NON-DESTRUCTIVE-METALS & 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

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14	NON-DESTRUCTIVE-METALS & 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 :
15	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous & Non Ferrous Metals & Alloys	Ultrasonic Thickness Measurement	ASME Section-V Article-23 SE 797 :2021
16	NON-DESTRUCTIVE-METALS & 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