



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	VAIDIC TEST HOUSE, PLOT NO. 173, SECTOR-3, INDUSTRIAL GROWTH CENTER, HSIIDC, BAWAL, REWARI, HARYANA, INDIA		
<b>Accreditation Standard</b>	ISO/IEC 17025:2017		
<b>Certificate Number</b>	TC-7233	<b>Page No</b>	1 of 19
<b>Validity</b>	08/05/2023 to 07/05/2025	<b>Last Amended on</b>	03/08/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride Ion Content	IS 6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Materials Content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Aggregate	Chloride	IS 14959 (Part 2)
7	CHEMICAL- BUILDING MATERIAL	Aggregate	Reduction in Alkalinity	IS 2386 (Part 7)
8	CHEMICAL- BUILDING MATERIAL	Aggregate	Silica Released	IS 2386 (Part 7)
9	CHEMICAL- BUILDING MATERIAL	Bitumen	Solubility in Trichloroethylene	IS 1216
10	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Loss on Ignition	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Alumina	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Calcium Oxide	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Chloride	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Insoluble Residue	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Iron Oxide	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Magnesium Oxide	IS 4032
17	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Silica	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC)	Sulphuric Anhydride	IS 4032



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19	CHEMICAL- BUILDING MATERIAL	Cement Concrete	Chloride	IS 14959 (Part 2)
20	CHEMICAL- BUILDING MATERIAL	Fly Ash	Aluminium Oxide (Al <sub>2</sub> O <sub>3</sub> ) + Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	IS 1727
21	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss on Ignition	IS 1727
22	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesium Oxide (MgO)	IS 1727
23	CHEMICAL- BUILDING MATERIAL	Fly Ash	Moisture Content	IS 1727
24	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silicon Dioxide (SiO <sub>2</sub> )	IS 1727
25	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphur Trioxide (SO <sub>3</sub> )	IS 1727
26	CHEMICAL- BUILDING MATERIAL	Fly Ash	Total Chlorides (Cl)	IS 4032
27	CHEMICAL- BUILDING MATERIAL	Micro Silica	Loss on Ignition	IS 1727
28	CHEMICAL- BUILDING MATERIAL	Micro Silica	Moisture Content	IS 15388
29	CHEMICAL- BUILDING MATERIAL	Micro Silica	Silica	IS 1727
30	CHEMICAL- CORROSION TESTS	Metallic and Non-Metallic Coatings	CASS	ASTM B368
31	CHEMICAL- CORROSION TESTS	Metallic and Non-Metallic Coatings	Neutral Salt Spray	ASTM B117
32	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metallic and Plastic Materials	Heavy Elements/ Toxic Elements - Cadmium	IEC 62321 (Part 5)
33	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metallic and Plastic Materials	Heavy Elements/ Toxic Elements - Hexavalent Chromium	IEC 62321 (Part 7-2)
34	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metallic and Plastic Materials	Heavy Elements/ Toxic Elements - Mercury	IEC 62321 (Part 4)
35	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals and Plastic Materials	Heavy Elements/ Toxic Elements - Lead	IEC 62321 (Part 5)
36	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Cadmium	ASTM E1251



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37	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Calcium	ASTM E1251
38	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Chromium	ASTM E1251
39	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Copper	ASTM E1251
40	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Copper	ASTM E34
41	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Iron	ASTM E1251
42	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Iron	ASTM E34
43	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Iron	IS 504 (Part 2)
44	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Lead	ASTM E1251
45	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Lead	IS 12074
46	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Magnesium	ASTM E1251
47	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Magnesium	ASTM E34
48	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Magnesium	IS 504 (Part 6)
49	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Manganese	ASTM E1251
50	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Manganese	ASTM E34
51	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Nickel	ASTM E1251
52	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Nickel	ASTM E34
53	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Phosphorus	ASTM E1251
54	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Silicon	ASTM E1251
55	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Silicon	IS 504 (Part 1)



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56	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Strontium	ASTM E1251
57	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Tin	ASTM E1251
58	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Titanium	ASTM E1251
59	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Titanium	ASTM E34
60	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Vanadium	ASTM E1251
61	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Zinc	ASTM E1251
62	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Zinc	ASTM E34
63	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 12308 (Part 11)
64	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E1999
65	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	ASTM E1999
66	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E1999
67	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	ASTM E1999
68	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E1999
69	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	ASTM E1999
70	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E1999
71	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	ASTM E1999
72	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	ASTM E1999
73	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	ASTM E1999
74	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Aluminium	BS EN 15079



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75	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Antimony	BS EN 15079
76	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Arsenic	BS EN 15079
77	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Beryllium	BS EN 15079
78	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Bismuth	BS EN 15079
79	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Cadmium	BS EN 15079
80	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Chromium	BS EN 15079
81	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Iron	BS EN 15079
82	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Lead	BS EN 15079
83	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Magnesium	BS EN 15079
84	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Manganese	BS EN 15079
85	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Nickel	BS EN 15079
86	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Phosphorus	BS EN 15079
87	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Selenium	BS EN 15079
88	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Silicon	BS EN 15079
89	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Silver	BS EN 15079
90	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Sulphur	BS EN 15079
91	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Tellurium	BS EN 15079
92	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Tin	BS EN 15079
93	CHEMICAL- METALS & ALLOYS	Copper and its Alloys	Zinc	BS EN 15079



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94	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Aluminium	ASTM E415
95	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Arsenic	ASTM E415
96	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Boron	ASTM E415
97	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Carbon	ASTM E415
98	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Chromium	ASTM E415
99	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Cobalt	ASTM E415
100	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Copper	ASTM E415
101	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Lead	ASTM E415
102	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Manganese	ASTM E415
103	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Molybdenum	ASTM E415
104	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Nickel	ASTM E415
105	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Niobium	ASTM E415
106	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Phosphorus	ASTM E415
107	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Silicon	ASTM E415
108	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Sulphur	ASTM E415
109	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Tin	ASTM E415
110	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Titanium	ASTM E415
111	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Tungsten	ASTM E415
112	CHEMICAL- METALS & ALLOYS	Low Alloy Steel & Carbon Steel	Vanadium	ASTM E415



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113	CHEMICAL- METALS & ALLOYS	Stainless Steel	Arsenic	ASTM E1086
114	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
115	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 228 (Part 1)
116	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086
117	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E353
118	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
119	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E353
120	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
121	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E353
122	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
123	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E353
124	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086
125	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E353
126	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E1086
127	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E353
128	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
129	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E353
130	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E1086
131	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E353



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132	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Copper	IS 228 (Part 15)
133	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Boron	ASTM E350
134	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Carbon	IS 228 (Part 1)
135	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Chromium	IS 228 (Part 6)
136	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Manganese	IS 228 (Part 2)
137	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Molybdenum	IS 228 (Part 7)
138	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Nickel	IS 228 (Part 5)
139	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Phosphorus	IS 228 (Part 3)
140	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Silicon	IS 228 (Part 8)
141	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Sulphur	IS 228 (Part 9)
142	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Tungsten	IS 228 (Part 16)
143	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloys (Plain, Medium & High Carbon Steel)	Vanadium	ASTM E350
144	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon	IS 228 (Part 1)
145	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium	ASTM E352
146	CHEMICAL- METALS & ALLOYS	Tool Steel	Copper	ASTM E352
147	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	ASTM E352
148	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	ASTM E352
149	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorus	ASTM E352
150	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon	ASTM E352





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151	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulphur	IS 228 (Part 9)
152	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	ASTM E352
153	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	ASTM E352
154	CHEMICAL- METALS & ALLOYS	Zinc & Alloys	Aluminium	IS 2599
155	CHEMICAL- METALS & ALLOYS	Zinc & Alloys	Cadmium	IS 2599
156	CHEMICAL- METALS & ALLOYS	Zinc & Alloys	Copper	IS 2599
157	CHEMICAL- METALS & ALLOYS	Zinc & Alloys	Iron	IS 2599
158	CHEMICAL- METALS & ALLOYS	Zinc & Alloys	Lead	IS 2599
159	CHEMICAL- METALS & ALLOYS	Zinc & Alloys	Magnesium	IS 2599
160	CHEMICAL- METALS & ALLOYS	Zinc & Alloys	Nickel	IS 2599
161	CHEMICAL- METALS & ALLOYS	Zinc & Alloys	Tin	IS 2599
162	CHEMICAL- RESIDUES IN WATER	Residues and Contaminants in Water	Cadmium	IS 3025 (Part 41)
163	CHEMICAL- RESIDUES IN WATER	Residues and Contaminants in Water	Iron	ASTM D1068 (Clause 6)
164	CHEMICAL- RESIDUES IN WATER	Residues and Contaminants in Water	Lead	IS 3025 (Part 47)
165	CHEMICAL- RESIDUES IN WATER	Residues and Contaminants in Water	Manganese	ASTM D858
166	CHEMICAL- RESIDUES IN WATER	Residues and Contaminants in Water	Nickel	IS 3025 (Part 54)
167	CHEMICAL- RESIDUES IN WATER	Residues and Contaminants in Water	Sodium	IS 3025 (Part 45, Clause 6)
168	CHEMICAL- RESIDUES IN WATER	Residues and Contaminants in Water	Zinc	IS 3025 (Part 49)
169	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (Part 22)



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170	CHEMICAL- SOIL AND ROCK	Soil	pH	IS 2720 (Part 26)
171	CHEMICAL- SOIL AND ROCK	Soil	Sulphate	IS 2720 (Part 27)
172	CHEMICAL- WATER	Construction Water	Acidity	IS 3025 (Part 22)
173	CHEMICAL- WATER	Construction Water	Alkalinity	IS 3025 (Part 23)
174	CHEMICAL- WATER	Construction Water	Chloride	IS 3025 (Part 32)
175	CHEMICAL- WATER	Construction Water	Inorganic Matter	IS 3025 (Part 18)
176	CHEMICAL- WATER	Construction Water	Organic Matter	IS 3025 (Part 18)
177	CHEMICAL- WATER	Construction Water	pH	IS 3025 (Part 11)
178	CHEMICAL- WATER	Construction Water	Sulphate	IS 3025 (Part 24/Section 1)
179	CHEMICAL- WATER	Construction Water	Total Suspended Solid	IS 3025 (Part 17)
180	CHEMICAL- WATER	Drinking Water	Bicarbonate (as CaCO <sub>3</sub> )	IS 3025 (Part 51)
181	CHEMICAL- WATER	Drinking Water	Calcium Hardness	IS 3025 (Part 40, Clause 6)
182	CHEMICAL- WATER	Drinking Water	Carbonate (as CaCO <sub>3</sub> )	IS 3025 (Part 51)
183	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part 32, Clause 2)
184	CHEMICAL- WATER	Drinking Water	Copper	IS 3025 (Part 42, Clause 6)
185	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 (Part 46, Clause 7)
186	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
187	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025 (Part 24/Section 1)
188	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 (Part 23)
189	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	IS 3025 (Part 16)
190	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO <sub>3</sub>	IS 3025 (Part 21)
191	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
192	MECHANICAL- BUILDINGS MATERIALS	Admixture	Air Content	IS 9103
193	MECHANICAL- BUILDINGS MATERIALS	Admixture	Compressive Strength	IS 9103
194	MECHANICAL- BUILDINGS MATERIALS	Admixture	Final Setting Time	IS 9103
195	MECHANICAL- BUILDINGS MATERIALS	Admixture	Flexural Strength	IS 9103



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196	MECHANICAL- BUILDINGS MATERIALS	Admixture	Initial Setting Time	IS 9103
197	MECHANICAL- BUILDINGS MATERIALS	Admixture	Length Change	IS 9103
198	MECHANICAL- BUILDINGS MATERIALS	Admixture	Slump	IS 9103
199	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 (Part 2)
200	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility at 25°C	IS 1208
201	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point (Closed Type)	IS 1209
202	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point (Open Cup)	IS 1448 (Part 69)
203	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity at 135°C	IS 1206 (Part 3)
204	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Loss on Heating	IS 1212
205	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration at 25°C	IS 1203
206	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
207	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity at 27°C	IS 1202
208	MECHANICAL- BUILDINGS MATERIALS	Bituminous Concrete	Marshall Stability	AASTHO T245
209	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Flow	AASTHO T245
210	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Percentage of Binder Content by Centrifuge Extractor	IRC SP 11
211	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Compressive Strength	IS 3495 (Part 1)
212	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension- Height	IS 1077
213	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension- Length	IS 1077
214	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension- Width	IS 1077



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215	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Efflorescence	IS 3495 (Part 3)
216	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Water Absorption	IS 3495 (Part 2)
217	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, SRC, Slag & White)	Final Setting Time	IS 4031 (Part 5)
218	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, SRC, Slag & White)	Compressive Strength	IS 4031 (Part 6)
219	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, SRC, Slag & White)	Consistency	IS 4031 (Part 4)
220	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, SRC, Slag & White)	Fineness (Blaine's Air Permeability Method)	IS 4031 (Part 2)
221	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, SRC, Slag & White)	Initial Setting Time	IS 4031 (Part 5)
222	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, SRC, Slag & White)	Soundness (Autoclave)	IS 4031 (Part 3)
223	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, SRC, Slag & White)	Soundness (Le-Chatelier)	IS 4031 (Part 3)
224	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, SRC, Slag & White)	Specific Gravity	IS 4031 (Part 11)
225	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Percent Fines Value	IS 2386 (Part 4)
226	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
227	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Clay Lumps	IS 2386 (Part 2)
228	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Coal & Lignite	IS 2386 (Part 2)
229	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Combined Flakiness Index & Elongation Index	IS 2386 (Part 1)
230	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
231	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
232	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
233	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)



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234	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion	IS 2386 (Part 4)
235	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Materials Finer Than 75 Micron	IS 2386 (Part 1)
236	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 (Part 1)
237	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness	IS 2386 (Part 5)
238	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386( Part 3)
239	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Total Deleterious Material	IS 2386 (Part 2)
240	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
241	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Compressive Strength	IS 15658
242	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Dimension- Length	IS 15658
243	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Dimension- Width	IS 15658
244	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Dimension-Height	IS 15658
245	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocks	Water Absorption	IS 15658
246	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
247	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking	IS 2386 (Part 3)
248	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Clay Lumps	IS 2386 (Part 2)
249	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Coal & Lignite	IS 2386 (Part 2)
250	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Materials Finer Than 75 Micron	IS 2386 (Part 1)
251	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (Part 1)
252	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness	IS 2386 (Part 5)



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253	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
254	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
255	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727
256	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Final Setting Time	IS 1727
257	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Blaine's Permeability Method	IS 1727
258	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Initial Setting Time	IS 1727
259	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Lime Reactivity	IS 1727
260	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Particles Retained on 45 micron IS Sieve (Wet Sieving)	IS 1727
261	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness (Autoclave Method)	IS 1727
262	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness (Le-Chatelier)	IS 1727
263	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS 1727
264	MECHANICAL- BUILDINGS MATERIALS	Fresh Cement Concrete	Final Setting Time by Penetration Resistance	IS 1199 (Part 7)
265	MECHANICAL- BUILDINGS MATERIALS	Fresh Cement Concrete	Initial Setting Time by Penetration Resistance	IS 1199 (Part 7)
266	MECHANICAL- BUILDINGS MATERIALS	Hardened Cement Concrete	Compressive Strength by Accelerated Curing Method	IS 9013
267	MECHANICAL- BUILDINGS MATERIALS	Hardened Cement Concrete	Density	IS 516 (Part 2/Section 1)
268	MECHANICAL- BUILDINGS MATERIALS	Hardened Cement Concrete (Beam)	Flexural Strength	IS 516 (Part 1/Sec 1)
269	MECHANICAL- BUILDINGS MATERIALS	Hardened Cement Concrete (Cubes, Cylinders, Core)	Compressive Strength	IS 516 (Part 1/Sec 1)
270	MECHANICAL- BUILDINGS MATERIALS	Integral Cement Water Proofing Compound	Compressive Strength	IS 2645
271	MECHANICAL- BUILDINGS MATERIALS	Integral Cement Water Proofing Compound	Final Setting Time	IS 2645



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272	MECHANICAL- BUILDINGS MATERIALS	Integral Cement water proofing compound	Initial Setting Time	IS 2645
273	MECHANICAL- BUILDINGS MATERIALS	Macadam (GSB, WBM, WMM)	Gradation (Sieve Size: 0.075 mm to 75 mm)	IS 2386 (Part 1)
274	MECHANICAL- BUILDINGS MATERIALS	Macadam (GSB, WBM, WMM)	10% Fines Value	IS 2386 (Part 4)
275	MECHANICAL- BUILDINGS MATERIALS	Macadam (GSB, WBM, WMM)	Aggregate Impact Value	IS 2386 (Part 4)
276	MECHANICAL- BUILDINGS MATERIALS	Macadam (GSB, WBM, WMM)	Soundness	IS 2386 (Part 5)
277	MECHANICAL- BUILDINGS MATERIALS	Macadam (GSB, WBM, WMM)	Water Absorption	IS 2386 (Part 3)
278	MECHANICAL- BUILDINGS MATERIALS	Macadam (GSB, WBM, WMM)	Wet Impact Value	IS 5640
279	MECHANICAL- BUILDINGS MATERIALS	Macadam (WBM, WMM)	Elongation Index	IS 2386 (Part 1)
280	MECHANICAL- BUILDINGS MATERIALS	Macadam (WBM, WMM)	Flakiness & Elongation Index	IS 2386 (Part 1)
281	MECHANICAL- BUILDINGS MATERIALS	Macadam (WBM, WMM)	Flakiness Index	IS 2386 (Part 1)
282	MECHANICAL- BUILDINGS MATERIALS	Macadam (WBM, WMM)	Los Angeles Abrasion Value	IS 2386 (Part 4)
283	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Elastic Recovery	IS 15462
284	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Flash Point, COC	IS 1209
285	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Softening Point (Ring and Ball)	IS 15462
286	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Lime Bricks/ Fly Ash Brick	Dimension - Width	IS 12894
287	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Lime Bricks/ Fly Ash Brick	Compressive Strength	IS 12894
288	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Lime Bricks/ Fly Ash Brick	Dimension - Height	IS 12894
289	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Lime Bricks/ Fly Ash Brick	Dimension - Length	IS 12894
290	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Lime Bricks/ Fly Ash Brick	Efflorescence	IS 12894



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291	MECHANICAL- BUILDINGS MATERIALS	Pulverized Fuel Ash Lime Bricks/ Fly Ash Brick	Water Absorption	IS 12894
292	MECHANICAL- BUILDINGS MATERIALS	Silica Fume-Micro Silica	Compressive strength	IS 1727
293	MECHANICAL- BUILDINGS MATERIALS	Silica Fume-Micro Silica	Oversize Percent Retained on 45-micron Sieve	IS 1727
294	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	% Elongation	ISO 6892 (Part 1)
295	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Micro Vickers Hardness (HV0.3)	IS 1501 (Part 1)
296	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	% Elongation	IS 1608 (Part 1)
297	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	% Elongation	JIS Z 2241
298	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Bend Test	IS 1599
299	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Brinell Hardness (10/3000)	IS 1500 (Part 1)
300	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Brinell Hardness (5/750)	IS 1500 (Part 1)
301	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Case Depth (Hardness Method)	IS 6416
302	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Izod Impact Test (at Room Temperature)	IS 1598
303	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Mass per Unit (6mm to 40mm)	IS 1786
304	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Micro Vickers Hardness Test (HV0.1)	IS 1501 (Part 1)





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305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Micro Vickers Hardness Test (HV0.5)	IS 1501 (Part 1)
306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Micro Vickers Hardness Test (HV1)	IS 1501 (Part 1)
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Re-bend Test	IS 1786
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Rib Area (TMT)	IS 1786
309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Rockwell Hardness (A Scale)	IS 1586 (Part 1)
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Rockwell Hardness (B Scale)	IS 1586 (Part 1)
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Rockwell Hardness (C Scale)	IS 1586 (Part 1)
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Tensile Strength	IS 1608 (Part 1)
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Tensile Strength	ISO 6892 (Part 1)
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Tensile Strength	JIS Z 2241
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Vicker Hardness Test (HV30)	IS 1501 (Part 1)
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV10)	IS 1501 (Part 1)
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV5)	IS 1501 (Part 1)
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Yield Strength	IS 1608 (Part 1)



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319	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Yield Strength	ISO 6892 (Part 1)
320	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials, Alloys & Products	Yield Strength	JIS Z 2241
321	MECHANICAL- METALLOGRAPHY TEST	Ferrous & Non-Ferrous Materials, Alloys & Products	Decarburized Depth (Microscopic Method)	IS 6396
322	MECHANICAL- METALLOGRAPHY TEST	Ferrous & Non-Ferrous Materials, Alloys & Products	Case Depth (Microscopic Method)	IS 6416
323	MECHANICAL- METALLOGRAPHY TEST	Ferrous & Non-Ferrous Materials, Alloys & Products	Determination of Average Grain Size (Comparison Method)	ASTM E112
324	MECHANICAL- METALLOGRAPHY TEST	Ferrous & Non-Ferrous Materials, Alloys & Products	Determination of Inclusion Content of Steel (Method-A)	ASTM E45
325	MECHANICAL- METALLOGRAPHY TEST	Ferrous & Non-Ferrous Materials, Alloys & Products	Microstructure Examination	ASM Handbook Volume-9
326	MECHANICAL- METALLOGRAPHY TEST	Ferrous & Non-Ferrous Materials, Alloys & Products	Thickness of Electroplated Coatings	IS 3203
327	MECHANICAL- SOIL AND ROCK	Macadam (GSB)	Liquid Limit	IS 2720 (Part 5)
328	MECHANICAL- SOIL AND ROCK	Macadam (GSB)	Plastic Limit	IS 2720 (Part 5)
329	MECHANICAL- SOIL AND ROCK	Macadam (GSB, WMM)	CBR (including Proctor Density)	IS 2720 (Part 16)
330	MECHANICAL- SOIL AND ROCK	Macadam (GSB, WMM)	Proctor Density (Maximum Dry Density - Heavy Compaction)	IS 2720 (Part 8)
331	MECHANICAL- SOIL AND ROCK	Macadam (GSB, WMM)	Proctor Density (Optimum Moisture Content - Heavy Compaction)	IS 2720 (Part 8)
332	MECHANICAL- SOIL AND ROCK	Soil	Field Density (by Core Cutter Method)	IS 2720 (Part 29)
333	MECHANICAL- SOIL AND ROCK	Soil	Field Density (by Sand Replacement Method)	IS 2720 (Part 28)
334	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
335	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Dry & Wet Analysis)	IS 2720 (Part 4)



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336	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Maximum Dry Density	IS 2720 (Part 8)
337	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Optimum Moisture Content	IS 2720 (Part 8)
338	MECHANICAL- SOIL AND ROCK	Soil	Laboratory CBR (Soaked)	IS 2720 (Part 16)
339	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Optimum Moisture Content	IS 2720 (Part 7)
340	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction-Maximum Dry Density	IS 2720 (Part 7)
341	MECHANICAL- SOIL AND ROCK	Soil	Linear Shrinkage	IS 2720 (Part 20)
342	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
343	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2, Section 5)
344	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
345	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3)
346	MECHANICAL- SOIL AND ROCK	Stones/ Rock	Apparent Specific Gravity	IS 1124
347	MECHANICAL- SOIL AND ROCK	Stones/ Rock	True Specific Gravity	IS 1122
348	MECHANICAL- SOIL AND ROCK	Stones/ Rock	Water Absorption	IS 1124