National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AQUA LAB ALL BUILDING MATERIAL TESTING PRIVATE LIMITED, GALA NO. 2, J.D ESTATE, MIRA ROAD EAST, THANE, 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 Testing				
1	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride	IS 6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride Content by Turbidimeter	IS 6925
4	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
7	CHEMICAL- BUILDING MATERIAL	Building lime	Calcium Oxide (CaO)	IS 6932 Part-1
8	CHEMICAL- BUILDING MATERIAL	Building Lime	Combined Alumina And Ferric Oxide	IS 6932 Part-1
9	CHEMICAL- BUILDING MATERIAL	Building Lime	Insoluble Matter	IS 6932 Part-1
10	CHEMICAL- BUILDING MATERIAL	Building Lime	Insoluble Residue	IS 6932 Part-1
11	CHEMICAL- BUILDING MATERIAL	Building Lime	Loss On Ignition	IS 6932 Part-1
12	CHEMICAL- BUILDING MATERIAL	Building Lime	Magnesia (MgO)	IS 6932 Part-1
13	CHEMICAL- BUILDING MATERIAL	Building Lime	Silicon Dioxide	IS 6932 : Part 1
14	CHEMICAL- BUILDING MATERIAL	Ceramic, Vitrified, Glazed and Unglazed tiles	Resistance to acid and alkalies (with the exception of hydrofluoric acid and its compound)- Glazed tiles	IS 13630 : Part 8

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15	CHEMICAL- BUILDING MATERIAL	Ceramic, Vitrified, Glazed and Unglazed tiles	Resistance to acid and alkalies (with the exception of hydrofluoric acid and its compound)-Unglazed tiles	IS 13630 : Part 7
16	CHEMICAL- BUILDING MATERIAL	Ceramic, Vitrified, Glazed and Unglazed tiles	Resistance to Household Chemicals and Swimming pool water cleansers except to cleansing agents containing hydrofluoric acid and its compound-Glazed Tiles	IS 13630 : Part 8
17	CHEMICAL- BUILDING MATERIAL	Ceramic, Vitrified, Glazed and Unglazed tiles	Resistance to Household Chemicals and Swimming pool water cleansers except to cleansing agents containing hydrofluoric acid and its compound-Unglazed Tiles	IS 13630 : Part 7
18	CHEMICAL- BUILDING MATERIAL	Ceramic, Vitrified, Glazed and Unglazed tiles	Resistance to Staining of Glazed Tiles	IS 13630 : Part 8
19	CHEMICAL- BUILDING MATERIAL	Ceramic, Vitrified, Glazed and Unglazed tiles	Resistance to Staining of Unglazed Tiles	IS 13630 : Part 7
20	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Alkali Aggreagte Reactivity- Reduction in alkalinity	IS 2386 Part 7
21	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Alkali Aggregate Reactivity- Dissolved Silica	IS 2386 Part 7
22	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Chloride	BS EN1744-1
23	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Sulphate	BS EN 1744-1
24	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Alkali Aggregate Reactivity-Dissolved Silica	IS 2386 Part 7

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25	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Alkali Aggregate Reactivity-Reduction in Alkalinity	IS 2386 Part 7
26	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Chloride	BS EN 1744-1
27	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Organic Impurities	IS 2386 Part 2
28	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Sulphate	BS EN 1744-1
29	CHEMICAL- BUILDING MATERIAL	Fly Ash	Alumina (Al2O3)	IS 1727
30	CHEMICAL- BUILDING MATERIAL	Fly Ash	Calcium Oxide (CaO)	IS 1727
31	CHEMICAL- BUILDING MATERIAL	Fly Ash	Ferric Oxide (Fe2o3)	IS 1727
32	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss On Ignition	Is 1727
33	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesia (MgO)	IS 1727
34	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica (SiO2)	IS 1727
35	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphuric Anhydride (SO3)	IS 1727
36	CHEMICAL- BUILDING MATERIAL	Flyash	Combined Ferric Oxide & Alumina oxide	IS 1727
37	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Alumina	IS 4032
38	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Calcium Oxide (CaO)	IS 4032
39	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Chloride	IS 4032
40	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Insoluble Residue	IS 4032

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41	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Loss On Ignition	IS 4032
42	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Magnesia	IS 4032
43	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Manganic Oxide (MnO)	IS 4032
44	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Moisture Content	IS 16714
45	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Sulphuric Anhydride (SO3)	IS 4032
46	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Calcium Oxide(CaO)	IS 1288
47	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Combined Water	IS 1288
48	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Free lime	IS 2547 Part1
49	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Free Water	IS 1288
50	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Iron & Aluminium Oxide	IS 1288
51	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Loss on ignition	IS 2547 Part 1
52	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Magnesium Salt	IS 2547 Part 1
53	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Silica &Acid Insoluble	IS 1288
54	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Sulphur Trioxide	IS 1288
55	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Chloride	BS 1881 Part-124
56	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Sulphate	IS 1881 Part-124

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57	CHEMICAL- BUILDING MATERIAL	Microsilica / Silica Fumes	Loss On Ignition	IS 1727
58	CHEMICAL- BUILDING MATERIAL	Microsilica / Silica Fumes	Moisture Content	IS 15388
59	CHEMICAL- BUILDING MATERIAL	Microsilica / Silica Fumes	Silica (SiO2)	IS 1727
60	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Alumina(Al2O3)	IS 4032
61	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Calcium Oxide(CaO)	IS 4032
62	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Chloride	IS 4032
63	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Ferric Oxide(Fe2O3)	IS 4032
64	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Insoluble Residue	IS 4032
65	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Loss on Ignition	IS 4032
66	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Magnesia (MgO)	Is 4032
67	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Silica(SiO2)	IS 4032
68	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Sulphuric Anhydride(SO3)	IS 4032
69	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Total Alkalies as Potassium Oxide K2O	IS 4032
70	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement (OPC)	Total alkalies as Sodium oxide Na20	IS 4032
71	CHEMICAL- BUILDING MATERIAL	Portland Pozzolana Cement (PPC)	Calcium Oxide (CaO)	IS 4032 (Clause 7.2.1.3 Page 35 & Clause 4.7.1 Page 11)
72	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Ferric Oxide(Fe2O3)	IS 4032

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73	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Calcium Oxide (CaO)	IS 4032
74	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Magnesia (MgO)	IS 4032
75	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Sulphuric Anhydride	IS 4032
76	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Total Alkalies as Potassium Oxide K2O	IS 4032
77	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement (PSC)	Total Alkalies as Sodium Oxide Na2O	IS 4032
78	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement(PSC)	Alumina (Al2O3)	IS 4032
79	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement(PSC)	Insoluble Residue	IS 4032
80	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement(PSC)	Loss On Ingnition	IS 4032
81	CHEMICAL- BUILDING MATERIAL	Portland Slag Cement(PSC)	Silica (SiO2)	IS 4032
82	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement (PPC)	Chloride	IS 4032
83	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement (PPC)	Insoluble Residue	IS 4032
84	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement (PPC)	Loss On Ignition	IS 4032
85	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement (PPC)	Magnesia(MgO)	IS 4032
86	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement (PPC)	Sulphuric Anhydride (SO3)	IS 4032
87	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement (PPC)	Total Alkalies as Potassium Oxide K2O	IS 4032
88	CHEMICAL- BUILDING MATERIAL	Pozzolana Portland Cement (PPC)	Total Alkalies as Sodium Oxide Na2O	IS 4032

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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
89	CHEMICAL- METALS & ALLOYS	Zinc Coated iron and Steel Articles	Mass of Zinc Coating	IS 6745
90	CHEMICAL- METALS & ALLOYS	LOW CARBON ALLOY STEEL	Carbon	ASTM E 415
91	CHEMICAL- METALS & ALLOYS	LOW CARBON ALLOY STEEL	Carbon	IS 8811
92	CHEMICAL- METALS & ALLOYS	LOW CARBON ALLOY STEEL	Phosphorous	ASTM E 415
93	CHEMICAL- METALS & ALLOYS	LOW CARBON ALLOY STEEL	Phosphorous	IS 8811
94	CHEMICAL- METALS & ALLOYS	LOW CARBON ALLOY STEEL	Sulphur	ASTM E 415
95	CHEMICAL- METALS & ALLOYS	LOW CARBON ALLOY STEEL	Sulphur	IS 8811
96	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Aluminum	ASTM E 415
97	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Aluminum	IS 8811
98	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Chromium	ASTM E 415
99	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Chromium	IS 8811
100	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Copper	ASTM E 415
101	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Copper	IS 8811
102	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Manganese	ASTM E 415
103	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Manganese	IS 8811
104	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Molybdenum	ASTM E 415

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105	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Molybdenum	IS 8811
106	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Nickel	ASTM E 415
107	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Nickel	IS 8811
108	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Silicon	ASTM E 415
109	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Silicon	IS 8811
110	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Vanadium	ASTM E 415
111	CHEMICAL- METALS & ALLOYS	Reinforcement Steel, Mild Steel, Structural Steel, Carbon Steel, Alloy Steel	Vanadium	IS 8811
112	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon	IS 9879
113	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon	ASTM E 1086
114	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	ASTM E 1086
115	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	IS 9879
116	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper	ASTM E 1086
117	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper	IS 9879
118	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	ASTM E 1086
119	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	IS 9879
120	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	ASTM E 1086

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121	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	IS 9879
122	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	ASTM E 1086
123	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	IS 9879
124	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorus	ASTM E 1086
125	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorus	IS 9879
126	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	ASTM E 1086
127	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	IS 9879
128	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur	ASTM E 1086
129	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur	IS 9879
130	CHEMICAL- SOIL AND ROCK	Soil	Chloride	BS 1377 Part 3
131	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 Part-22
132	CHEMICAL- SOIL AND ROCK	Soil	pH	IS 2720 Part-26
133	CHEMICAL- SOIL AND ROCK	Soil	Sulphate (So4)	IS 2720 Part 27
134	CHEMICAL- WATER	Drinking water	Calcium	IS 3025 Part 40
135	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 Part-32
136	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 Part-46
137	CHEMICAL- WATER	Drinking Water	pH	IS 3025 Part-11
138	CHEMICAL- WATER	Drinking Water	Sulphate(SO4)	IS 3025 Part-24 :Sec 1
139	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 Part-23

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140	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	IS 3025 Part 16
141	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 Part-21
142	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 Part-10, Sec-2
143	CHEMICAL- WATER	Water for construction purpose	Calcium as Ca	IS 3025 Part-40
144	CHEMICAL- WATER	Water for construction purpose	Chloride	IS 3025 Part-32
145	CHEMICAL- WATER	Water for construction purpose	Inorganic Solid(Fixed Residue)	IS 3025 Part-18
146	CHEMICAL- WATER	Water for construction purpose	Organic Solid(Volatile Residue)	IS 3025 Part-18
147	CHEMICAL- WATER	Water for construction purpose	pH	IS 3025 Part-11
148	CHEMICAL- WATER	Water for construction purpose	Sulphate(SO4)	IS 3025 Part-24:Sec 1
149	CHEMICAL- WATER	Water for construction purpose	Total Dissolved Solid	IS 3025 Part-16
150	CHEMICAL- WATER	Water for construction purpose	Total suspended Solid	IS 3025 Part-17
151	CHEMICAL- WATER	Water for construction purpose	Vol of 0.02N NaOH required to neutralize 100ml sample (Acidity)	IS 3025 Part-22
152	CHEMICAL- WATER	Water for construction purpose	Vol. of 0.02N H2SO4 Required to neutralize 100ml sample using mixed indicator (Alkalinity)	IS 3025 Part-23
153	MECHANICAL-BUILDINGS MATERIALS	Silica Fume	Bulk Density	ASTMC1240
154	MECHANICAL-BUILDINGS MATERIALS	Silica Fume	Compressive Strength	IS 15388, IS 4031 (Part 6)
155	MECHANICAL-BUILDINGS MATERIALS	Silica Fume	Percentage Retained on 45 micron IS sieve	ASTM C 1240
156	MECHANICAL-BUILDINGS MATERIALS	Silica Fume	Percentage Retained on 45 micron IS sieve	IS 15388, IS 4031 (Part 15)

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157	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Aerated Concrete (AAC) Block	Dimension (Width)	IS 2185 PART 3
158	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Aerated Concrete (AAC) Block	COMPRESSIVE STRENGTH	IS 6441 PART 5
159	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Aerated Concrete (AAC) Block	Dimension (Length)	IS 2185 PART 3
160	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Aerated Concrete (AAC) Block	Dimension (Thickness)	IS 2185 PART 3
161	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Aerated Concrete (AAC) Block	DRY DENSITY	IS 6441 PART 1
162	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Aerated Concrete (AAC) Block	MOISTURE CONTENT	IS 6441 PART 1
163	MECHANICAL-BUILDINGS MATERIALS	Autoclaved Cellular Concrete Products	Drying Shrinkage	IS 6441 Part -2
164	MECHANICAL-BUILDINGS MATERIALS	Block Jointing Mortar	Adhesive strength of hardened rendering and plastering mortars on substrates	BS EN 1015-12
165	MECHANICAL-BUILDINGS MATERIALS	Block jointing Mortar	Bulk Density	BS EN 1015 P-6
166	MECHANICAL-BUILDINGS MATERIALS	Block Jointing Mortar	Compressive strength	BS EN 1015 P-11
167	MECHANICAL-BUILDINGS MATERIALS	Block Jointing Mortar	Consistency by Flow Table	BS EN 1015 P-3

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168	MECHANICAL-BUILDINGS MATERIALS	Block Jointing Mortar	Flexural Strength	BS EN 1015 P-11
169	MECHANICAL-BUILDINGS MATERIALS	Block Jointing Mortar	Tensile Split Strength-Thin-bed Mortar for Autoclaved Aerated Concrete (AAC) Masonry	ASTM C1660-10
170	MECHANICAL-BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Compressive Strength	IS 4031 Part 6
171	MECHANICAL-BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Density	IS 4031 Part 11
172	MECHANICAL-BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Drying Shrinkage	IS 4031 Part 10
173	MECHANICAL-BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Final Setting Time	IS 4031 Part 5
174	MECHANICAL-BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Fineness by Blaines Method	IS 4031 Part 2
175	MECHANICAL-BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Initial Setting Time	IS 4031 Part 5
176	MECHANICAL-BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Normal Consistency	IS 4031 Part 4
177	MECHANICAL-BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Soundness by Autoclave	IS 1727, IS 3812 (Part 1)
178	MECHANICAL-BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Soundness Test by Le-Chatelier's	IS 4031 Part 3

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179	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	ABRASION TEST	IS 13630 PART-11 & PART-12)
180	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	BREAKING STRENGTH	IS 13630 PART-6
181	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	Centre Curvature	IS 13630 PART-1
182	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	Dimension (Length)	IS 13630 PART-1
183	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	Dimension (Thickness)	IS 13630 PART 1
184	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	Dimension (Width)	IS 13630 PART-1
185	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	Edge Curvature	IS 13630:Part 1
186	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	MODULUS OF RUPTURE	IS 13630 PART 6
187	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	RECTANGULARITY	IS 13630 PART 1
188	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	SCRATCH HARDNESS	IS 13630 PART-13
189	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	STRAIGHTNESS	IS 13630 PART 1
190	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	WARPAGE	IS 13630 PART-1

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191	MECHANICAL-BUILDINGS MATERIALS	CERAMIC TILE/VITRIFIED TILE/GLAZED / UNGLAZED	Water absorption	IS 13630 : Part 2
192	MECHANICAL-BUILDINGS MATERIALS	Ceramic Tiles/Vitrified Tiles	Bulk Density	IS 13630 : Part 2
193	MECHANICAL-BUILDINGS MATERIALS	Ceramic Tiles/Vitrified Tiles	LINEAR THERMAL EXPANSION	IS 13630 : Part 4
194	MECHANICAL-BUILDINGS MATERIALS	Ceramic Tiles/Vitrified Tiles	MOISTURE EXPANSION USING BOILING WATER	IS 13630 : Part 3
195	MECHANICAL-BUILDINGS MATERIALS	Ceramic Tiles/Vitrified Tiles	RESISTANCE TO THERMAL SHOCK	IS 13630 : Part 5
196	MECHANICAL-BUILDINGS MATERIALS	CHEQUERED CEMENT CONCRETE	WATER ABSORPTION	IS 13801
197	MECHANICAL-BUILDINGS MATERIALS	CHEQUERED CEMENT CONCRETE	WET TRANSVERSE STRENGTH	IS 13801
198	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	CRUSHING VALUE	IS 2386 PART-4
199	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	10% FINE VALUE	IS 2386 PART 4
200	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	ABRASION VALUE	IS 2386 PART-4
201	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	Bulk Density (Loosed &Compacted)	IS 2386 PART 3
202	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	ELONGATION INDEX	IS 2386 PART 1

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203	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	FINER THAN 75 MICRON	IS 2386 PART-1
204	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	FLAKINESS INDEX	IS 2386 PART-1
205	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	IMPACT VALUE	IS 2386 PART-4
206	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	SIEVE ANALYSIS (Sieve size 4.75 mm,6.3 mm, 10 mm,12.5 mm,16 mm,20 mm,25 mm,31.5 & 40 mm)	IS 2386 PART1
207	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	Soundness by Sodium Sulphate (Na2SO4) by 12 cycles	IS 2386 Part 5
208	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	SPECIFIC GRAVITY	IS 2386 PART-3
209	MECHANICAL-BUILDINGS MATERIALS	COARSE AGGREGATE	WATER ABSORPTION	IS 2386 PART-3
210	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Deleterious Material-c)Soft Particle	IS 2386 Part 2
211	MECHANICAL-BUILDINGS MATERIALS	Coarse Aggregates	Deleterious Material-d}Clay Lumps	IS 2386 Part 2
212	MECHANICAL-BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	Dimension (Height)	IS 1077
213	MECHANICAL-BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	Dimension (Width)	IS 1077

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214	MECHANICAL-BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	COMPRESSIVE STRENGTH	IS 3495 Part 1
215	MECHANICAL-BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	Dimension (Length)	IS 1077
216	MECHANICAL-BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	EFFLORESCENCE	IS 3495 PART 3
217	MECHANICAL-BUILDINGS MATERIALS	Common Burnt Clay Building Bricks	WATER ABSORPTION	IS 3495 PART 2
218	MECHANICAL-BUILDINGS MATERIALS	Concrete	Rapid Chloride Permeability Test	ASTM C1202
219	MECHANICAL-BUILDINGS MATERIALS	Concrete Beam	Flexural Strength	IS 516 : Part 1 : Sec 1
220	MECHANICAL-BUILDINGS MATERIALS	Concrete Core	Compressive Strength of Concrete Core	IS 516 : Part 4
221	MECHANICAL-BUILDINGS MATERIALS	Concrete Cube	Compressive strength by accelerated cured concrete test	IS 9013
222	MECHANICAL-BUILDINGS MATERIALS	Concrete Cube	DEPTH OF PENETRATION OF WATER UNDER PRESSURE	BS EN 12390 Part 8
223	MECHANICAL-BUILDINGS MATERIALS	Concrete Cube	Initial Surface Absorption Test	BS1881 Part 208
224	MECHANICAL-BUILDINGS MATERIALS	Concrete Cube	Water Absorption	BS 1881 Part 122
225	MECHANICAL-BUILDINGS MATERIALS	Concrete Cube/Cylinder	Depth of penetration of water under pressure	IS 516 (Part 2 Section 1)

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226	MECHANICAL-BUILDINGS MATERIALS	Concrete Cube/Cylinder	Split Tensile Strength	IS 516 : Part 1 : Sec 1
227	MECHANICAL-BUILDINGS MATERIALS	Concrete Prism	Moisture Movement	IS 516 Part 6
228	MECHANICAL-BUILDINGS MATERIALS	Fiber Cement Flat Sheet	Bending Strength (Modulus of Rupture)	IS 14862
229	MECHANICAL-BUILDINGS MATERIALS	Fiber Cement Flat Sheet	Density	IS 14862
230	MECHANICAL-BUILDINGS MATERIALS	Fiber Cement Flat Sheet	Dimension-Length	IS 14862
231	MECHANICAL-BUILDINGS MATERIALS	Fiber Cement Flat Sheet	Dimension-Thickness	IS 14862
232	MECHANICAL-BUILDINGS MATERIALS	Fiber Cement Flat Sheet	Dimension-Width	IS 14862
233	MECHANICAL-BUILDINGS MATERIALS	Fiber Cement Flat Sheet	Heat-Rain Test	IS 14862
234	MECHANICAL-BUILDINGS MATERIALS	Fiber Cement Flat Sheet	Soak & Dry Test	IS 14862
235	MECHANICAL-BUILDINGS MATERIALS	Fiber Cement Flat Sheet	Squareness of Edges	IS 14862
236	MECHANICAL-BUILDINGS MATERIALS	Fiber Cement Flat Sheet	Straightness of Edges	IS 14862
237	MECHANICAL-BUILDINGS MATERIALS	Fiber Cement Flat Sheet	Warm Water Test	IS 14862

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238	MECHANICAL-BUILDINGS MATERIALS	Fiber Cement Flat Sheet	Water Impermeability Test	IS 14862
239	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregate	Soundness by Sodium Sulphate(Na2SO4) by 12 cycles	IS 2386 Part 5
240	MECHANICAL-BUILDINGS MATERIALS	FINE AGGREGATES	Bulk Density (Loosed &Compacted)	IS 2386 PART 3
241	MECHANICAL-BUILDINGS MATERIALS	Fine Aggregates	Deleterious Material d)Clay Lumps	IS 2386 Part-2
242	MECHANICAL-BUILDINGS MATERIALS	FINE AGGREGATES	FINER THAN 75 MICRON	IS 2386 PART 1
243	MECHANICAL-BUILDINGS MATERIALS	FINE AGGREGATES	SIEVE ANALYSIS (Sieve size 150 microns,300 micron,600 micron,1.18 mm,2.36 mm & 4.75 mm)	IS 2386 PART 1
244	MECHANICAL-BUILDINGS MATERIALS	FINE AGGREGATES	SPECIFIC GRAVITY	IS 2386 PART 3
245	MECHANICAL-BUILDINGS MATERIALS	FINE AGGREGATES	WATER ABSORPTION	IS 2386 PART 3
246	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727
247	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Fineness	IS 1727
248	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Lime Reactivity	IS 1727

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249	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Particle Retained on 45micron	IS 1727
250	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Soundness by Autoclave	IS 1727
251	MECHANICAL-BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS 1727
252	MECHANICAL-BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Fineness by 45 micron	ASTM C 989
253	MECHANICAL-BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Fineness by blaines	IS 4031:Part-2
254	MECHANICAL-BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Slag Activity Index	IS 16714, IS 4031 (Part 6)
255	MECHANICAL-BUILDINGS MATERIALS	Gypsum Plaster	Compressive strength	IS 2542 (Part 1/Sec 5)
256	MECHANICAL-BUILDINGS MATERIALS	Gypsum Plaster	Dry Bulk Density	IS 2542 (Part 1/Sec 12)
257	MECHANICAL-BUILDINGS MATERIALS	Gypsum Plaster	FREE WATER	IS 2542 (Part 1/Sec 13)
258	MECHANICAL-BUILDINGS MATERIALS	Gypsum Plaster	Mass of Coarse particles	IS 2542 (Part 1/Sec 8)
259	MECHANICAL-BUILDINGS MATERIALS	Gypsum Plaster	NORMAL CONSISTENCY OF GYPSUM PLASTER	IS 2542 (Part 1/Sec 1)
260	MECHANICAL-BUILDINGS MATERIALS	Gypsum Plaster	Setting time	IS 2542 (Part 1/Sec 3)

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261	MECHANICAL-BUILDINGS MATERIALS	Gypsum Plaster	Soundness	IS 2542 (Part 1/Sec 6)
262	MECHANICAL-BUILDINGS MATERIALS	Gypsum Plaster	TRANSVERSE STRENGTH	IS 2542 (Part 1/Sec 4)
263	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	COMPRESSIVE STRENGTH OF CUBE	IS 516 (Part 1/Sec 1)
264	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete	Rapid Chloride Migration Test	NT Build 492
265	MECHANICAL-BUILDINGS MATERIALS	Hardened Concrete Prism	Drying Shrinkage	IS 516 : Part 6
266	MECHANICAL-BUILDINGS MATERIALS	Hollow and Solid Concrete Block	Drying Shrinkage	IS 2185:Part 1
267	MECHANICAL-BUILDINGS MATERIALS	Hollow and Solid Concrete Block	Moisture Movement	IS 2185:Part 1
268	MECHANICAL-BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	COMPRESSIVE STRENGTH	IS 2185 PART 1
269	MECHANICAL-BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Dimension (Height)	IS 2185 PART 1
270	MECHANICAL-BUILDINGS MATERIALS	Non Asbestos Fiber-Cement Flat Sheet	Density	ASTM C 1185
271	MECHANICAL-BUILDINGS MATERIALS	Non Asbestos Fiber-Cement Flat Sheet	Dimension-Length	ASTM C 1185
272	MECHANICAL-BUILDINGS MATERIALS	Non Asbestos Fiber-Cement Flat Sheet	Dimension-Thickness	ASTM C 1185

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273	MECHANICAL-BUILDINGS MATERIALS	Non Asbestos Fiber-Cement Flat Sheet	Dimension-Width	ASTM C 1185
274	MECHANICAL-BUILDINGS MATERIALS	Non Asbestos Fiber-Cement Flat Sheet	Flexural Strength (Modulus of Rupture) Equilibrium & Wet Conditioning	ASTM C 1185
275	MECHANICAL-BUILDINGS MATERIALS	Non Asbestos Fiber-Cement Flat Sheet	Heat-Rain Test	ASTM C 1185
276	MECHANICAL-BUILDINGS MATERIALS	Non Asbestos Fiber-Cement Flat Sheet	Straightness of Edges	ASTM C 1185
277	MECHANICAL-BUILDINGS MATERIALS	Non Asbestos Fiber-Cement Flat Sheet	Warm Water Test	ASTM C 1185
278	MECHANICAL-BUILDINGS MATERIALS	Non Asbestos Fiber-Cement Flat Sheet	Water Absorption	ASTM C 1185
279	MECHANICAL-BUILDINGS MATERIALS	Non Asbestos Fiber-Cement Flat Sheet	Water Tightness	ASTM C 1185
280	MECHANICAL-BUILDINGS MATERIALS	PAVER BLOCKS	COMPRESSIVE STRENGTH	IS 15658
281	MECHANICAL-BUILDINGS MATERIALS	PAVER BLOCKS	WATER ABSORPTION	IS 15658
282	MECHANICAL-BUILDINGS MATERIALS	Plain Gypsum Plaster Boards	Density	IS 2095 (Part 1)
283	MECHANICAL-BUILDINGS MATERIALS	Plain Gypsum Plaster Boards	Dimension-Length	IS 2095 (Part 1)

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284	MECHANICAL-BUILDINGS MATERIALS	Plain Gypsum Plaster Boards	Dimension-Thickness	IS 2095 (Part 1)
285	MECHANICAL-BUILDINGS MATERIALS	Plain Gypsum Plaster Boards	Dimension-Width	IS 2095
286	MECHANICAL-BUILDINGS MATERIALS	Plain Gypsum Plaster Boards	Flexural Breaking Load (Longitudinal Direction)	IS 2095 (Part 1)
287	MECHANICAL-BUILDINGS MATERIALS	Plain Gypsum Plaster Boards	Flexural Breaking Load (Transverse Direction)	IS 2095 (Part 1)
288	MECHANICAL-BUILDINGS MATERIALS	Plain Gypsum Plaster Boards	Water Absorption	IS 2095 (Part 1)-ANNEX G
289	MECHANICAL-BUILDINGS MATERIALS	Plywood	Adhesion of plies	IS 1734 : Part 5
290	MECHANICAL-BUILDINGS MATERIALS	Plywood	Density	IS 1734 : Part 1
291	MECHANICAL-BUILDINGS MATERIALS	Plywood	Glue Shear Strength	IS 1734:Part 4
292	MECHANICAL-BUILDINGS MATERIALS	Plywood	Moisture Content	IS 1734 : Part 1
293	MECHANICAL-BUILDINGS MATERIALS	Plywood	NAILS AND SCREW HOLDING POWER	IS 1734 : Part 19
294	MECHANICAL-BUILDINGS MATERIALS	Plywood	Resistance to Dry Heat	IS 1734 : Part 2

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295	MECHANICAL-BUILDINGS MATERIALS	Plywood	Static Bending Strength-Modulus of elasticity (Along The Grain & Across the Grain)	IS 1734 : Part 11
296	MECHANICAL-BUILDINGS MATERIALS	Plywood	Static Bending Strength-Modulus of Rupture (Along the Grain & Across the Grain)	IS 1734 : Part 11
297	MECHANICAL-BUILDINGS MATERIALS	Plywood	Tensile Strength (Along the Grain & Across the Grain)	IS : 1734 :Part 9
298	MECHANICAL-BUILDINGS MATERIALS	Pulverized Fuel Ash-Lime Bricks	Compressive Strength	IS 3495 Part 1
299	MECHANICAL-BUILDINGS MATERIALS	Pulverized Fuel Ash-Lime Bricks	Dimension (Height)	IS 12894
300	MECHANICAL-BUILDINGS MATERIALS	Pulverized Fuel Ash-Lime Bricks	Dimension (Length)	IS 12894
301	MECHANICAL-BUILDINGS MATERIALS	Pulverized Fuel Ash-Lime Bricks	Dimension (Width)	IS 12894
302	MECHANICAL-BUILDINGS MATERIALS	Pulverized Fuel Ash-Lime Bricks	EFFLORSCENCE	IS 3495 Part 3
303	MECHANICAL-BUILDINGS MATERIALS	Pulverized Fuel Ash-Lime Bricks	Water Absorption	IS 3495 Part 2
304	MECHANICAL-BUILDINGS MATERIALS	Ready Mix Plaster	Bulk Density	BS EN 1015 P-6
305	MECHANICAL-BUILDINGS MATERIALS	Ready Mix Plaster	Compressive strength	BS EN 1015 P-11

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306	MECHANICAL-BUILDINGS MATERIALS	Ready Mix Plaster	Flexural Strength	BS EN 1015 P-11
307	MECHANICAL-BUILDINGS MATERIALS	Ready mix Plaster	Pull-Off Adhesion Strength of Coatings on Concrete	ASTM D7234
308	MECHANICAL-BUILDINGS MATERIALS	SOLID CONCRETE BLOCK	BLOCK DENSITY	IS 2185 PART 1
309	MECHANICAL-BUILDINGS MATERIALS	SOLID CONCRETE BLOCK	Dimension (Length)	IS 2185 PART 1
310	MECHANICAL-BUILDINGS MATERIALS	SOLID CONCRETE BLOCK	Dimension (Width)	IS 2185 PART 1
311	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Adjustment time	IS 15477
312	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Open Time	IS 15477
313	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Shear Adhesion	IS 15477
314	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Slip Test	IS 15477
315	MECHANICAL-BUILDINGS MATERIALS	Tile Adhesive	Tensile Adhesion Strength	IS 15477
316	MECHANICAL-BUILDINGS MATERIALS	Timber & Timber Stores	Moisture Content	IS 1708 : Part 1
317	MECHANICAL-BUILDINGS MATERIALS	Timber & Timber Stores	NAIL AND SCREW - HOLDING POWER	IS 1708:Part 14

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318	MECHANICAL-BUILDINGS MATERIALS	Timber & Timber Stores	Specific Gravity	IS 1708 : Part 2
319	MECHANICAL-BUILDINGS MATERIALS	Timber & Timber Stores	Static Bending Strength - Modulus of Rupture	IS 1708:Part 5
320	MECHANICAL-BUILDINGS MATERIALS	Timber & Timber Stores	TENSILE STRENGTH (PARALLEL TO GRAIN)	IS 1708:Part 12
321	MECHANICAL-BUILDINGS MATERIALS	Timber & Timber Stores	TENSILE STRENGTH (PERPENDICULAR TO GRAIN)	IS 1708:Part 13
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium	% Elongation	ASTM B557
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium	Tensile strength	ASTM B557
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium	Yield Strength (0.2 % Offset)	ASTM B557
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Binding Wire	Tensile Test	IS 1608 : Part 1
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Binding Wire	Wrapping Test	IS 1755
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coupler/Spliced Joint	% Elongation	IS 16172

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328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coupler/Spliced Joint	Ultimate Tensile Strength	IS 1608 Part 1
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fasteners Made of Carbon Steel and Bolts & Studs	0.2 % Proof Stress	IS 1367 Part:3
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fasteners Made of Carbon Steel and Bolts, Studs	Tensile strength	IS 1367 Part:3
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fusion Bonded Epoxy Coated reinforcing bars / Concrete Reinforcement	Adhesion of Coating	IS 13620
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fusion Bonded Epoxy Coated reinforcing bars / Concrete Reinforcement	Continuation of Coating	IS 13620
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fusion Bonded Epoxy Coated reinforcing bars / Concrete Reinforcement	Thikcness of Coating	IS 13620
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material (Stainless Steel)	% Elongation	IS 1608 Part 1
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material (Stainless Steel)	Ultimate Tensile strength	IS 1608 Part 1
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material (Stainless Steel)	Yield Strength	IS 1608 Part 1

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337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials — Tube	Flattening Test	IS 2328
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Prop	Prop Strength	BS EN 1065
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Coupler	Distance of Fracture from coupler	IS 16172
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Coupler	Location of Failure	IS 16172
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Coupler	SlipTest	IS 16172
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	REINFORCEMENT STEEL	0.2% Proof Stress	IS 1608 PART 1
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	REINFORCEMENT STEEL	Bend Test (Mandrel dia: 24, 30, 32, 36, 40, 48, 50, 64, 80, 100, 125, 128, 150, 160, 192 mm)	IS 1599
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	REINFORCEMENT STEEL	PERCENTAGE ELONGATION	IS 1608 PART 1
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	REINFORCEMENT STEEL	Re-bend test (Mandrel dia: 32, 40, 48, 50, 56, 60, 70, 72, 84, 96, 108, 112, 120, 140, 144, 150, 175, 180, 192, 224, 228 mm)	IS 1786

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346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	REINFORCEMENT STEEL	ULTIMATE TENSILE STRENGTH	IS 1608 PART 1
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	REINFORCEMENT STEEL	WEIGHT PER METER	IS 1786
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	REINFORCEMENT STEEL	Yield Stress	IS 1608 Part 1
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STAINLESS STEEL	% Elongation	IS 1608 : Part 1
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless steel	Tensile Test	IS 1608 : Part 1
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STAINLESS STEEL	Yield Strength	IS 1608 : Part 1
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Reduction in Area	IS 1608 Part 1
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structual Steel(Mild & Medium Tensile Steel)	% Elongation	IS 1608 Part 1
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structual Steel(Mild & Medium Tensile Steel)	Ultimate Tensile strength	IS 1608 Part 1

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355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural Steel (Mild & Medium Tensile Steel)	Yield Strength	IS 1608 Part 1
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand	Mass Per Meter	IS 14268
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand	Tensile strength	IS 14268
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand	Breaking Load	IS 14268
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand	Lay Length	IS 14268
360	MECHANICAL- SOIL AND ROCKS	Granular Sub Base (GSB)	Liquid Limit Test	IS 2720 Part 5
361	MECHANICAL- SOIL AND ROCKS	Granular Sub Base (GSB)	Ten Percent Fine Value	IS 2386 Part4 (Morth 5th Revision,Section 400,Table 400-2)
362	MECHANICAL- SOIL AND ROCKS	Granular Sub Base (GSB)	Water Absorption	IS 2386 Part 3 (Morth 5th Revision,Section 400,Clause 401.2.2)
363	MECHANICAL- SOIL AND ROCKS	Granular Sub Base(GSB)	Aggregate Impact Value	IS 2386 Part 4 (Morth 5th Revision,Section 400,Table 400-2)
364	MECHANICAL- SOIL AND ROCKS	Granular Sub Base(GSB)	CBR test	IS 2720 Part 16 (Morth 5th Revision,Section 400,Table 400-2)

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365	MECHANICAL- SOIL AND ROCKS	Granular Sub Base(GSB)	Heavy Compaction (Maximum Dry Density)	IS 2720 Part 8 (Morth 5th Revision,Section 400,Table 400-2)
366	MECHANICAL- SOIL AND ROCKS	Granular Sub Base(GSB)	Heavy Compaction (Optimum Moisture Content)	IS 2720 Part 8 (Morth 5th Revision,Section 400,Table 400-2)
367	MECHANICAL- SOIL AND ROCKS	Granular Sub Base(GSB)	Plastic Limit	IS 2720 Part 5 (Morth 5th Revision,Section 400,Table 400-2)
368	MECHANICAL- SOIL AND ROCKS	Granular Sub Base(GSB)	Sieve Analysis (Sieve size 75 microns,425 micron,600 micron,2.36 mm, 4.75 mm,9.50 mm,11.2 mm,22.4 mm,26.5 mm,45 mm,53 mm,to 75 mm)	IS 2386 Part 1 (Morth 5th Revision,Section 400,Clause 401.2.2)
369	MECHANICAL- SOIL AND ROCKS	Natural Building Stone	Apparent porosity	IS 1124
370	MECHANICAL- SOIL AND ROCKS	Natural Building Stone	APPARENT SPECIFIC GRAVITY	IS 1124
371	MECHANICAL- SOIL AND ROCKS	Natural Building Stone	Scratch Hardness of Surface (Moh's Scale)	IS 13630 : Part 13
372	MECHANICAL- SOIL AND ROCKS	Natural Building Stone	True Specific Gravity	IS 1122
373	MECHANICAL- SOIL AND ROCKS	Natural building Stone	Water Absorption	IS 1124
374	MECHANICAL- SOIL AND ROCKS	Rock	Density (by saturation & Boyoncy Technic)	IS 13030
375	MECHANICAL- SOIL AND ROCKS	Rock	Porosity	IS 13030
376	MECHANICAL- SOIL AND ROCKS	Rock	Unconfined Compressive Strength	IS 9143
377	MECHANICAL- SOIL AND ROCKS	Rock	Water Content	IS 13030

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378	MECHANICAL- SOIL AND ROCKS	SOIL	CALIFORNIA BEARING RATIO (SOAKED)	IS 2720 PART 16
379	MECHANICAL- SOIL AND ROCKS	SOIL	DIRECT SHEAR STRENGTH-ANGLE OF FRICTION	IS 2720 PART 13
380	MECHANICAL- SOIL AND ROCKS	SOIL	DIRECT SHEAR STRENGTH-Cohesion	IS 2720 PART 13
381	MECHANICAL- SOIL AND ROCKS	SOIL	FREE SWELL INDEX	IS 2720 PART 40
382	MECHANICAL- SOIL AND ROCKS	SOIL	HAEAVY COMPACTION (OMC)	IS 2720 PART 8
383	MECHANICAL- SOIL AND ROCKS	SOIL	HEAVY COMPACTION (MDD)	IS 2720 PART 8
384	MECHANICAL- SOIL AND ROCKS	SOIL	LIGHT COMPACTION (OMC)	IS 2720 PART-7
385	MECHANICAL- SOIL AND ROCKS	SOIL	LIGHT COMPACTION(MDD)	IS 2720 PART-7
386	MECHANICAL- SOIL AND ROCKS	SOIL	LIQUID LIMIT	IS 2720 PART-5
387	MECHANICAL- SOIL AND ROCKS	SOIL	MOISTURE CONTENT	IS 2720 PART-2
388	MECHANICAL- SOIL AND ROCKS	SOIL	PLASTIC LIMIT	IS 2720 PART-5
389	MECHANICAL- SOIL AND ROCKS	SOIL	SIEVE ANALYSIS (Sieve size 75 microns,150 micron,300 micron,425 micron,600 micron,1.18 mm,2 mm,2.36 mm,4.75 mm,10 mm,20 mm,40 mm,50mm,75 mm)	IS 2720 PART-4
390	MECHANICAL- SOIL AND ROCKS	SOIL	SPECIFIC GRAVITY	IS 2720 PART-3 SECTION 1
391	MECHANICAL- SOIL AND ROCKS	SOIL	UNCONFINED COMPRESSION	IS 2720 PART 10

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392	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM)	Aggregate Impact Value	IS 2386
393	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM)	CBR Test	IS 2720 Part 16
394	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM)	Heavy Compaction (Maximum Dry Density)	IS 2720 Part 8
395	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM)	Heavy Compaction (Optimum Moisture Content)	IS 2720 Part 8
396	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM)	Liquid Limit Test	IS 2720 Part 5
397	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM)	Plastic Limit	IS 2720 Part 5
398	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM)	Sieve Analysis (Sieve Size 53.0 mm,45.0 mm,22.4 mm,11.20 mm,4.75 mm,2.36 mm,0.600 mm,0.075 mm)	IS 2386 Part 1
399	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM)	Ten Percent Fine Value	IS 2386 Part 4
400	MECHANICAL- SOIL AND ROCKS	Wet Mix Macadam (WMM)	Water Absorption	IS 2386 Part 3

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Site Testing				
1	MECHANICAL-BUILDINGS MATERIALS	Adhesive Material(Tiles/gypsum Plaster/Ready Mix Plaster/Block Jointing Mortar/Paint/Sand Plaster)	Pull-off Adhesion Test	ASTM D4541
2	MECHANICAL-BUILDINGS MATERIALS	FINE AGGREGATES	Bulking of Fine Aggregate	IS 2386 PART 3
3	MECHANICAL- SOIL AND ROCKS	Rock & Concrete	Pull-Out Test on Anchor Bars and Rock Bolts	IS 11309
4	MECHANICAL- SOIL AND ROCKS	SOIL	Dry Density of Soil-Core Cutter Method	IS 2720 : Part 29
5	MECHANICAL- SOIL AND ROCKS	Soil	Plate Load Test	IS 1888
6	MECHANICAL- SOIL AND ROCKS	Soil	Standard Penetration Test	IS 2131
7	MECHANICAL- SOIL AND ROCKS	Soil/GSB/WMM	Dry density of soils-Sand replacement Method	IS 2720 : Part 28
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile	High-Strain Dynamic Testing of Deep Foundations	ASTM D4945
9	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile	High-Strain Dynamic Testing of Deep Foundations	IRC 78 Appendix-7,Clause -709.2.4
10	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	PILE	LOW STRAIN PILE INTEGRITY	ASTM D5882

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11	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Cement Concrete (RCC)	CARBONATION DEPTH	BS EN 14630
12	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Cement Concrete (RCC)	COVER DEPTH	BS 1881 (PART- 204)
13	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Cement Concrete (RCC)	HALF CELL POTENTIAL	ASTM C876
14	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Cement Concrete (RCC)	REBOUND HAMMER	IS 516 PART-5/SECTION-4
15	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Cement Concrete (RCC)	ULTRASONIC PULSE VELOCITY	IS 516 PART-5/ SECTION-1
16	NON-DESTRUCTIVE-METAL & ALLOYS	Metal	Ultrasonic Thickness Guage	IS 15435 (Pulse echo technique)
17	NON-DESTRUCTIVE-METAL & ALLOYS	Metal and Weld Material	Dye Penetration/Liquid Penetration Test	ASTM E165 (Type 2 visible dye penetrant test)
18	NON-DESTRUCTIVE-METAL & ALLOYS	Metal and Weld Material	Magnetic Particle Test	ASTM E-709 (Wet visible method)
19	NON-DESTRUCTIVE-METAL & ALLOYS	Metal and Weld Material	Ultrasonic Testing	ASME Section V Article 4