National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	BUREAU VERITAS (INDIA) PRIVATE LIMITED (CONSTRUCTION SERVICES LABORATORY), NO. 43, 45, 46 & 47, PETE CHENNAPPA INDUSTRIAL ESTATE, GROUND & 1ST FLOOR,1ST MAIN, MAGADI ROAD, KAMAKSHIPALYA, BENGALURU, KARNATAKA, INDIA
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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	CHEMICAL- BUILDING MATERIAL	Clinker	Free Lime	IS: 4032:
2	CHEMICAL- BUILDING MATERIAL	Acid Resistant Bricks	Acid Resistance (Con. HNO3 and Cons. H2SO4)	IS 4860
3	CHEMICAL- BUILDING MATERIAL	Acid Resistant Tiles	Acid Resistance (Con. HNO3 and Cons. H2SO4)	IS 4457
4	CHEMICAL- BUILDING MATERIAL	Admixture	Alkalies - Potassium oxide (K2O)	BS EN 480 Part12
5	CHEMICAL- BUILDING MATERIAL	Admixture	Alkalies - Sodium oxide (Na2O)	BS EN 480 Part12
6	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
7	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
8	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
9	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
10	CHEMICAL- BUILDING MATERIAL	Admixture	Water soluble chlorides	IS 6925
11	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Alkalies - Potassium Oxide (K2O)	IS 4032:
12	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Alkalies - Sodium Oxide (Na2O)	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Alumina - Al2O3	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Chloride	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Ferric oxide Fe2O3	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Insoluble Residue	IS 4032
17	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Lime as calcium oxide	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Loss on Ignition	IS 4032

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19	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Magnesia (MgO)	IS 4032
20	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Silica Content (SiO2)	IS 4032
21	CHEMICAL- BUILDING MATERIAL	Cement Clinker	Sulphuric Anhydride (SO3)	IS 4032
22	CHEMICAL- BUILDING MATERIAL	Ceramic Tiles (Glazed)	Chemical Resistance	IS 13630 (Part 8)
23	CHEMICAL- BUILDING MATERIAL	Ceramic Tiles (Unglazed)	Chemical Resistance	IS 13630 (Part 7)
24	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Chloride (Cl)	EN 1744- 1:2009+A1
25	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Chloride(Cl)	IS 14959 (Part 2)
26	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Light Weight Pieces	IS 2386 (Part 2)
27	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Potential reactivity of aggregates - Dissolved Silica	IS 2386 (Part 7):
28	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Potential reactivity of aggregates - Reduction in Alkalinity	IS 2386 (Part 7)
29	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Soft particles	IS 2386 (Part 2)
30	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Soundness	IS 2386 (Part 5):
31	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Sulphate (SO3)	EN 1744-1: 2009 + A1
32	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Sulphate(SO3)	IS 4032
33	CHEMICAL- BUILDING MATERIAL	Concrete / Mortar	Chloride	IS 14959 (Part 2)
34	CHEMICAL- BUILDING MATERIAL	Concrete / Mortar	Sulphuric Anhydride (SO3)	BS 1881 (Part 124)
35	CHEMICAL- BUILDING MATERIAL	Concrete Sample	Electrical indication of concrete's ability to resist chloride ion penetration (Rapid Chloride Permeability Test)	ASTM C1202
36	CHEMICAL- BUILDING MATERIAL	Filtration Media (Sand and Gravel)	Acid Solubility	IS 8419 (Part 1)

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37	CHEMICAL- BUILDING MATERIAL	Filtration Media (Sand and Gravel)	Loss on Ignition	IS 8419 (Part 1)
38	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Light weight pieces	IS 2386 (Part 2)
39	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Chloride	EN 1744- 1:2009+A1
40	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Chloride(CL)	IS 14959(Part 2)
41	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Organic Impurities	IS 2386 (Part 2)
42	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Potential reactivity of aggregates - Reduction in Alkalinity	IS 2386 (Part 7)
43	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Potential reactivity of aggregates-Dissolved silica	Is 2386 (Part 7)
44	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Soundness	IS 2386 (Part 5)
45	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Sulphate(S03)	EN 1744-1: 2009 + A1
46	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Sulphate(SO3)	IS 4032
47	CHEMICAL- BUILDING MATERIAL	Fly ash	Alumina (Al2O3)	IS 1727
48	CHEMICAL- BUILDING MATERIAL	Fly ash	Available Alkalies - Potassium Oxide (K2O)	IS 3812 (Part 1)
49	CHEMICAL- BUILDING MATERIAL	Fly ash	Available Alkalies - Sodium Oxide (Na2O)	IS 3812 (Part 1)
50	CHEMICAL- BUILDING MATERIAL	Fly ash	CaO Content	IS 1727
51	CHEMICAL- BUILDING MATERIAL	Fly ash	Chloride	IS 4032
52	CHEMICAL- BUILDING MATERIAL	Fly ash	Iron Oxide (Fe2O3)	IS 1727
53	CHEMICAL- BUILDING MATERIAL	Fly ash	Loss on Ignition	IS 1727
54	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesia (MgO)	IS 1727

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55	CHEMICAL- BUILDING MATERIAL	Fly ash	Silica Content	IS 1727
56	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphuric Anhydride (SO3)	IS 1727
57	CHEMICAL- BUILDING MATERIAL	Granulated Slag for manufacture of portlang slag cement	Glass content	IS 12089
58	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Alumina (Al2O3)	IS 4032
59	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Calcium oxide	IS 4032
60	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Chloride (Cl-)	IS 4032
61	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Glass Content	IS 16714
62	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Insoluble Residue	IS 4032
63	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Iron Oxide (Fe2O3)	IS 4032
64	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Loss on Ignition	IS 4032
65	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Magnesia (MgO)	IS 4032
66	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Manganic Oxide	IS 4032
67	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Silica Content (SiO2)	IS 4032
68	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Sulphide Sulphur	IS 4032
69	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Sulphuric Anhydride (SO3)	IS 4032
70	CHEMICAL- BUILDING MATERIAL	Gypsum (Mineral and chemical)	Calcium sulphate dihydrate(CaSO4.2H2O)	IS: 1288
71	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Calcium Oxide (CaO)	IS 1288
72	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Calcium sulphate(CaSO4 or CaSO4 ½ H2O)	IS: 1288
73	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Free Lime Content	IS 2547(Part 1 and 2)

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74	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Loss on Ignition	IS 2547 (Part 1 and 2)
75	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Magnesium Oxide (MgO)	IS 2547 (Part 1 and 2)
76	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Sodium Oxide (Na2O)	IS 2547 (Part 1 and 2)
77	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Soluble Salts as, Sodium oxide (Na2O)	IS: 2547 (Part 1 & 2)
78	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Soluble Salts as,Magnesium Oxide (MgO)	IS: 2547 (Part 1 & 2)
79	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Sulphur trioxide (SO3)	IS 1288
80	CHEMICAL- BUILDING MATERIAL	Gypusm (Mineral and Chemical)	Calcium Oxide(CaO)	IS 1288
81	CHEMICAL- BUILDING MATERIAL	Gypusm (Mineral and Chemical)	Combined Water	IS 1288
82	CHEMICAL- BUILDING MATERIAL	Gypusm (Mineral and Chemical)	Free Water	IS 1288
83	CHEMICAL- BUILDING MATERIAL	Gypusm (Mineral and Chemical)	Iron and Aluminium Oxides	IS 1288
84	CHEMICAL- BUILDING MATERIAL	Gypusm (Mineral and Chemical)	Magnesium Oxide	IS 1288
85	CHEMICAL- BUILDING MATERIAL	Gypusm (Mineral and Chemical)	Silica and Acid Insolubles	IS 1288
86	CHEMICAL- BUILDING MATERIAL	Gypusm (Mineral and Chemical)	Sodium Chloride (NaCl)	IS 1288
87	CHEMICAL- BUILDING MATERIAL	Gypusm (Mineral and Chemical)	Sulphuric Trioxide (SO3)	IS 1288
88	CHEMICAL- BUILDING MATERIAL	High Alumina Cement	Alumina (AL2O3)	IS 4032
89	CHEMICAL- BUILDING MATERIAL	High Alumina Cement	Ferric oxide (Fe2O3)	IS 4032
90	CHEMICAL- BUILDING MATERIAL	Iron & Steel Slag Aggregate	Alkalies - Potassium oxide (K2O)	IS 4032
91	CHEMICAL- BUILDING MATERIAL	Iron & Steel Slag Aggregate	Alkalies - Sodium oxide (Na2O)	IS 4032
92	CHEMICAL- BUILDING MATERIAL	Iron & Steel Slag Aggregate	Calcium Oxide	IS 4032

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93	CHEMICAL- BUILDING MATERIAL	Iron & Steel Slag Aggregate	Magnesium Oxide	IS 4032
94	CHEMICAL- BUILDING MATERIAL	Iron & Steel Slag Aggregate	Sulphuric Anhydride (SO3)	IS 4032
95	CHEMICAL- BUILDING MATERIAL	LIime	Ca(OH)2	IS 6932 (Part 1)
96	CHEMICAL- BUILDING MATERIAL	Lime	Aluminium oxide (Al2O3)	IS 6932 (Part 1)
97	CHEMICAL- BUILDING MATERIAL	Lime	Calcium oxide	IS 6932 (Part 1)
98	CHEMICAL- BUILDING MATERIAL	Lime	Carbonates	ASTM C25
99	CHEMICAL- BUILDING MATERIAL	Lime	Ferric Oxide (Fe2O3)	IS 6932 (Part 1)
100	CHEMICAL- BUILDING MATERIAL	Lime	Insoluble Residue	IS 6932 (Part 1)
101	CHEMICAL- BUILDING MATERIAL	Lime	Loss on Ignition	IS 6932(Part 1)
102	CHEMICAL- BUILDING MATERIAL	Lime	Magnesium oxide(MgO)	IS 6932(Part 1)
103	CHEMICAL- BUILDING MATERIAL	Lime	Silicon dioxide (SiO2)	IS 6932(Part 1)
104	CHEMICAL- BUILDING MATERIAL	Lime	Total calcium oxide(CaO)	IS 1514
105	CHEMICAL- BUILDING MATERIAL	OPC 33 Grade, OPC 43 Grade, OPC 53 Grade, SRC	Insoluble Residues	IS 4032
106	CHEMICAL- BUILDING MATERIAL	OPC 33 Grade, OPC 43 Grade, OPC 53 Grade, SRC	Magnesia (MgO)	IS 4032
107	CHEMICAL- BUILDING MATERIAL	OPC 33 Grade, OPC 43 Grade, OPC 53 Grade, SRC	Alkalies - Potassium Oxide (K2O)	IS 4032
108	CHEMICAL- BUILDING MATERIAL	OPC 33 Grade, OPC 43 Grade, OPC 53 Grade, SRC	Alkalies - Sodium Oxide (Na2O)	IS 4032
109	CHEMICAL- BUILDING MATERIAL	OPC 33 Grade, OPC 43 Grade, OPC 53 Grade, SRC	Calcium oxide	IS 4032
110	CHEMICAL- BUILDING MATERIAL	OPC 33 Grade, OPC 43 Grade, OPC 53 Grade, SRC	Chloride	IS 4032
111	CHEMICAL- BUILDING MATERIAL	OPC 33 Grade, OPC 43 Grade, OPC 53 Grade, SRC	Ferric Oxide - Fe2O3	IS 4032

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112	CHEMICAL- BUILDING MATERIAL	OPC 33 Grade, OPC 43 Grade, OPC 53 Grade, SRC	Loss on Ignition	IS 4032
113	CHEMICAL- BUILDING MATERIAL	OPC 33 Grade, OPC 43 Grade, OPC 53 Grade, SRC	Silica Content	IS 4032
114	CHEMICAL- BUILDING MATERIAL	OPC 33 Grade, OPC 43 Grade, OPC 53 Grade, SRC	Sulphuric Anhydride (SO3)	IS 4032
115	CHEMICAL- BUILDING MATERIAL	OPC 33 Grade, OPC 43 Grade, OPC 53 Grade,SRC	Alumina- Al2O3	IS 4032
116	CHEMICAL- BUILDING MATERIAL	PPC	Alkalies - Potassium oxide (K2O)	IS 4032
117	CHEMICAL- BUILDING MATERIAL	PPC	Alkalies - Sodium oxide(Na2O)	IS 4032
118	CHEMICAL- BUILDING MATERIAL	PPC	Chloride	IS 4032
119	CHEMICAL- BUILDING MATERIAL	PPC	Insoluble Residue	IS 4032
120	CHEMICAL- BUILDING MATERIAL	PPC	Loss on Ignition	IS 4032
121	CHEMICAL- BUILDING MATERIAL	PPC	Magnesia (MgO)	IS 4032
122	CHEMICAL- BUILDING MATERIAL	PPC	Sulphuric Anhydride (SO3)	IS 4032
123	CHEMICAL- BUILDING MATERIAL	PSC	Alkalies - Potassium Oxide (K2O)	IS 4032
124	CHEMICAL- BUILDING MATERIAL	PSC	Alkalies - Sodium oxide (Na2O)	IS 4032
125	CHEMICAL- BUILDING MATERIAL	PSC	Chloride	IS 4032
126	CHEMICAL- BUILDING MATERIAL	PSC	Insoluble Residue	IS 4032
127	CHEMICAL- BUILDING MATERIAL	PSC	Loss on Ignition	IS 4032
128	CHEMICAL- BUILDING MATERIAL	PSC	Magnesia (MgO)	IS 4032
129	CHEMICAL- BUILDING MATERIAL	PSC	Sulphur as Sulphide	IS 4032
130	CHEMICAL- BUILDING MATERIAL	PSC	Sulphuric Anhydride (SO3)	IS 4032

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131	CHEMICAL- BUILDING MATERIAL	Silica Fume (Micro Silica)	Available Alkalies - Potassium Oxide (K2O)	IS 3812
132	CHEMICAL- BUILDING MATERIAL	Silica Fume (Micro Silica)	Available Alkalies - Sodium Oxide (Na2O)	IS 3812
133	CHEMICAL- BUILDING MATERIAL	Silica Fume (Micro Silica)	Loss on Ignition	IS 1727
134	CHEMICAL- BUILDING MATERIAL	Silica Fume (Micro Silica)	Moisture Content	IS 15388
135	CHEMICAL- BUILDING MATERIAL	Silica Fume (Micro Silica)	Silica Content (SiO2)	IS 1727
136	CHEMICAL- BUILDING MATERIAL	Ultra Fine Ground Granulated Blast furnace Slag	Glass Content	IS 16715
137	CHEMICAL- BUILDING MATERIAL	Water Proofing Compound	pH	IS 9103
138	CHEMICAL- BUILDING MATERIAL	Water proofing compound	Water soluble chlorides	IS 6925
139	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Aluminium	Anodic Coating thickness	IS 5523 by stripping method.
140	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Coating on iron & Steel articles	Mass of Zinc coating	IS 6745
141	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel, Carbon steel, Alloy steel, Steel tubes	Chromium	ASTM E 415
142	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel, Carbon steel, Alloy steel, Steel tubes	Manganese	ASTM E 415
143	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel	Silicon	IS 8811
144	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel	Vanadium	IS 8811
145	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel	Aluminium	IS 8811
146	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel	Carbon	IS 8811
147	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel	Chromium	IS 8811
148	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel	Copper	IS 8811

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149	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel	Manganese	IS 8811
150	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel	Molybdenum	IS 8811
151	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel	Nickel	IS 8811
152	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel	Phosphorus	IS 8811
153	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel	Sulphur	IS 8811
154	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel, Carbon steel, Alloy steel, Steel tubes	Aluminum	ASTM E 415
155	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel, Carbon steel, Alloy steel, Steel tubes	Carbon	ASTM E 415
156	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel, Carbon steel, Alloy steel, Steel tubes	Copper	ASTM E 415
157	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel, Carbon steel, Alloy steel, Steel tubes	Molybdenum	ASTM E 415
158	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel, Carbon steel, Alloy steel, Steel tubes	Nickel	ASTM E 415
159	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel, Carbon steel, Alloy steel, Steel tubes	Phosphorus	ASTM E 415
160	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel, Carbon steel, Alloy steel, Steel tubes	Silicon	ASTM E 415
161	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel, Carbon steel, Alloy steel, Steel tubes	Sulphur	ASTM E 415
162	CHEMICAL- METALS & ALLOYS	Reinforcing steel, Mild Steel, Structural steel, Carbon steel, Alloy steel, Steel tubes	Vanadium	ASTM E 415
163	CHEMICAL- METALS & ALLOYS	Aluminum	Chromimum	ASTM E 1251
164	CHEMICAL- METALS & ALLOYS	Aluminum	Copper	ASTM E 1251
165	CHEMICAL- METALS & ALLOYS	Aluminum	Iron	ASTM E 1251
166	CHEMICAL- METALS & ALLOYS	Aluminum	Lead	ASTM E 1251
167	CHEMICAL- METALS & ALLOYS	Aluminum	Magnesium	ASTM E 1251

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168	CHEMICAL- METALS & ALLOYS	Aluminum	Managanese	ASTM E 1251
169	CHEMICAL- METALS & ALLOYS	Aluminum	Nickel	ASTM E 1251
170	CHEMICAL- METALS & ALLOYS	Aluminum	Silicon	ASTM E 1251
171	CHEMICAL- METALS & ALLOYS	Aluminum	Titanium	ASTM E 1251
172	CHEMICAL- METALS & ALLOYS	Aluminum	Vanadium	ASTM E 1251
173	CHEMICAL- METALS & ALLOYS	Aluminum	Zinc	ASTM E 1251
174	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy	Aluminium	IS 8811
175	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy	Carbon	IS 8811
176	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy	Chromium	IS 8811
177	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy	Copper	IS 8811
178	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy	Manganese	IS 8811
179	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy	Molybdenum	IS 8811
180	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy	Nickle	IS 8811
181	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy	Phosphorus	IS 8811
182	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy	Silicon	IS 8811
183	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy	Sulphur	IS 8811
184	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Low Alloy	Vanadium	IS 8811
185	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Stainless Steel	Carbon	IS 9879
186	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Stainless Steel	Chromium	IS 9879

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187	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Stainless Steel	Copper	IS 9879
188	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Stainless Steel	Manganese	IS 9879
189	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Stainless Steel	Molybdenum	IS 9879
190	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Stainless Steel	Nickle	IS 9879
191	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Stainless Steel	Phosphorus	IS 9879
192	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Stainless Steel	Silicon	IS 9879
193	CHEMICAL- METALS & ALLOYS	Ferrous Materials Base - Stainless Steel	Sulphur	IS 9879
194	CHEMICAL- METALS & ALLOYS	Ferrous materials base low alloy	Nitrogen	ASTM E 415
195	CHEMICAL- METALS & ALLOYS	PPrestressing steel strands,Carbon steel, Alloy steel, Steel tubes, Hollow steel sections, Wire rods, Galvanized sheets, Gal volume sheets, Anchor Bolts, Nuts, Washers, Anchor wedge, Coupler, Splice joint, Base Plate	Manganese	IS 8811
196	CHEMICAL- METALS & ALLOYS	prestressing steel strands, Carbon steel, Alloy steel, Steel tubes, Hollow steel sections, Wire rods, Galvanized sheets, Gal volume sheets, Anchor Bolts, Nuts, Washers, Anchor wedge, Coupler, Splice joint, Base Plate	Aluminum	IS 8811
197	CHEMICAL- METALS & ALLOYS	Prestressing steel strands,Carbon steel, Alloy steel, Steel tubes, Hollow steel sections, Wire rods, Galvanized sheets, Gal volume sheets, Anchor Bolts, Nuts, Washers, Anchor wedge, Coupler, Splice joint, Base Plate	Carbon	IS 8811
198	CHEMICAL- METALS & ALLOYS	Prestressing steel strands,Carbon steel, Alloy steel, Steel tubes, Hollow steel sections, Wire rods, Galvanized sheets, Gal volume sheets, Anchor Bolts, Nuts, Washers, Anchor wedge, Coupler, Splice joint, Base Plate	Chromium	IS 8811
199	CHEMICAL- METALS & ALLOYS	Prestressing steel strands,Carbon steel, Alloy steel, Steel tubes, Hollow steel sections, Wire rods, Galvanized sheets, Gal volume sheets, Anchor Bolts, Nuts, Washers, Anchor wedge, Coupler, Splice joint, Base Plate	Copper	IS 8811
200	CHEMICAL- METALS & ALLOYS	Prestressing steel strands,Carbon steel, Alloy steel, Steel tubes, Hollow steel sections, Wire rods, Galvanized sheets, Gal volume sheets, Anchor Bolts, Nuts, Washers, Anchor wedge, Coupler, Splice joint, Base Plate	Molybdenum	IS 8811

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201	CHEMICAL- METALS & ALLOYS	Prestressing steel strands,Carbon steel, Alloy steel, Steel tubes, Hollow steel sections, Wire rods, Galvanized sheets, Gal volume sheets, Anchor Bolts, Nuts, Washers, Anchor wedge, Coupler, Splice joint, Base Plate	Nickel	IS 8811
202	CHEMICAL- METALS & ALLOYS	Prestressing steel strands,Carbon steel, Alloy steel, Steel tubes, Hollow steel sections, Wire rods, Galvanized sheets, Gal volume sheets, Anchor Bolts, Nuts, Washers, Anchor wedge, Coupler, Splice joint, Base Plate	Phosphorus	IS 8811
203	CHEMICAL- METALS & ALLOYS	Prestressing steel strands,Carbon steel, Alloy steel, Steel tubes, Hollow steel sections, Wire rods, Galvanized sheets, Gal volume sheets, Anchor Bolts, Nuts, Washers, Anchor wedge, Coupler, Splice joint, Base Plate	Silicon	IS 8811
204	CHEMICAL- METALS & ALLOYS	Prestressing steel strands,Carbon steel, Alloy steel, Steel tubes, Hollow steel sections, Wire rods, Galvanized sheets, Gal volume sheets, Anchor Bolts, Nuts, Washers, Anchor wedge, Coupler, Splice joint, Base Plate	Sulphur	IS 8811
205	CHEMICAL- METALS & ALLOYS	Prestressing steel strands,Carbon steel, Alloy steel, Steel tubes, Hollow steel sections, Wire rods, Galvanized sheets, Gal volume sheets, Anchor Bolts, Nuts, Washers, Anchor wedge, Coupler, Splice joint, Base Plate	Vanadium	IS 8811
206	CHEMICAL- METALS & ALLOYS	Stainless steel product	Carbon	ASTM A 751
207	CHEMICAL- METALS & ALLOYS	Stainless steel product	Cobalt	ASTM A 751
208	CHEMICAL- METALS & ALLOYS	Stainless steel product	Copper	ASTM A 751
209	CHEMICAL- METALS & ALLOYS	Stainless steel product	Manganese	ASTM A 751
210	CHEMICAL- METALS & ALLOYS	Stainless steel product	Nickel	ASTM A 751
211	CHEMICAL- METALS & ALLOYS	Stainless steel product	Niobium	ASTM A 751
212	CHEMICAL- METALS & ALLOYS	Stainless steel product	Nitrogen	ASTM A 751
213	CHEMICAL- METALS & ALLOYS	Stainless steel product	Phosphorus	ASTM A 751
214	CHEMICAL- METALS & ALLOYS	Stainless steel product	Silicon	ASTM A 751
215	CHEMICAL- METALS & ALLOYS	Stainless steel product	Sulphur	ASTM A 751

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216	CHEMICAL- METALS & ALLOYS	Stainless steel product	Titanium	ASTM A 751
217	CHEMICAL- METALS & ALLOYS	Stainless steel product	Vanadium	ASTM A 751
218	CHEMICAL- METALS & ALLOYS	Stainless steel products	Carbon	ASTM E 1086
219	CHEMICAL- METALS & ALLOYS	Stainless steel products	Chromium	ASTM A 751
220	CHEMICAL- METALS & ALLOYS	Stainless steel products	Chromium	ASTM E 1086
221	CHEMICAL- METALS & ALLOYS	Stainless steel products	Copper	ASTM E 1086
222	CHEMICAL- METALS & ALLOYS	Stainless steel products	Manganese	ASTM E 1086
223	CHEMICAL- METALS & ALLOYS	Stainless steel Products	Molybdenum	ASTM E 1086
224	CHEMICAL- METALS & ALLOYS	Stainless steel products	Nickel	ASTM E 1086
225	CHEMICAL- METALS & ALLOYS	Stainless steel products	Phosphorus	ASTM E 1086
226	CHEMICAL- METALS & ALLOYS	Stainless steel products	Silicon	ASTM E 1086
227	CHEMICAL- METALS & ALLOYS	Stainless steel products	Sulphur	ASTM E 1086
228	CHEMICAL- METALS & ALLOYS	Uncoated stress relieved low relaxation seven-ply strand for prestressed concrete	Phosphorus	IS 228 Part 3
229	CHEMICAL- METALS & ALLOYS	Uncoated stress relieved low relaxation seven-ply strand for prestressed concrete	Sulphur	IS 228 Part 9
230	CHEMICAL- SOIL AND ROCK	Soil	Chloride	California test 422
231	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter Content	IS 2720 (Part 22)
232	CHEMICAL- SOIL AND ROCK	Soil	pH Value	IS 2720 (Part 26)
233	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Sulphate content	IS 2720 (Part 27)

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234	CHEMICAL- WATER	Water for Construction	Acidity (Volume of 0.02 N NaOH to neutralize 100ml of sample)	IS 456
235	CHEMICAL- WATER	Water for Construction	Alkalinity (Volume of 0.02N H2SO4 to neutralize 100ml of sample) Alkalinity	IS 456
236	CHEMICAL- WATER	Water for Construction	Chloride content as Cl	IS 3025 (Part 32)
237	CHEMICAL- WATER	Water for construction	Hardness as CaCO3	IS 3025 (Part 21)
238	CHEMICAL- WATER	Water for Construction	Inorganic Solids (Fixed Residue)	IS 3025 (Part 18)
239	CHEMICAL- WATER	Water for Construction	Organic Solids (Volatile Residue)	IS 3025 (Part 18)
240	CHEMICAL- WATER	Water for Construction	pH Value	IS 3025 (Part 11)
241	CHEMICAL- WATER	Water for Construction	Sulphate content as SO3	IS 3025 (Part 24)
242	CHEMICAL- WATER	Water for Construction	Suspended Matter	IS 3025 (Part 17)
243	CHEMICAL- WATER	Water for construction	Total Dissolved Solids	IS 3025 (Part 16)
244	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCKS (Autoclaved Aerated Concrete Blocks)	Bulk Density	IS 6441 (Part 1)
245	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCKS (Autoclaved Aerated Concrete Blocks)	Compressive Strength	IS 6441 (Part 5):
246	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCKS (Autoclaved Aerated Concrete Blocks)	Dimension	BVIPL/SOP/03/AACBLOCK-03
247	MECHANICAL- BUILDINGS MATERIALS	AAC BLOCKS (Autoclaved Aerated Concrete Blocks)	Drying Shrinkage	IS 6441 (Part 2)
248	MECHANICAL- BUILDINGS MATERIALS	Acid Resisting tiles	Water absorption	IS 4457
249	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Abrasion Resistance (Los Angele's abrasion value)	IS 2386 (Part 4)
250	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Agg.Crushing Value	IS 2386 (Part 4)):
251	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Agg.Impact Value	IS 2386 (Part 4)
252	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Alkali aggregate Reactivity (by Mortar Bar Method)	IS 2386 (Part 7)
253	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Bulk Density (Loose)	IS 2386 (Part 3)

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254	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Clay Lumps	IS 2386 (Part 2):
255	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Determination of 10% fines Value	IS 2386 (Part 4)
256	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Elongation Test	IS 2386 (Part 1):
257	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Flakiness Index	IS 2386 (Part 1):
258	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Moisture content	AASHTO T 255
259	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Sieve Analysis (Sieve Size: 2.36 mm to 80 mm)	IS 2386 (Part 1)
260	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Specific gravity	IS 2386 (Part 3)
261	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Coarse	Water Absorption	IS 2386 (Part 3):
262	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Bulk Density (Loose)	IS 2386 (Part 3):
263	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Bulking	IS 2386 (Part 3):
264	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Clay lumps	IS 2386 (Part 2):
265	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Potentially Alkali Reactivity of cement-Aggregate combination (by Mortar Bar Method)	IS 2386 (part 7)
266	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Sieve Analysis (Sieve Size: 0.075 mm to 10 mm)	IS 2386 (Part 1):
267	MECHANICAL- BUILDINGS MATERIALS	Aggregate - Fine	Specific Gravity	IS 2386 (Part 3):
268	MECHANICAL- BUILDINGS MATERIALS	Aggregate -Fine	Particle finer than 75 micron	IS 2386 (Part 1)
269	MECHANICAL- BUILDINGS MATERIALS	Aggregate Fine	Moisture content	AASHTO T 255
270	MECHANICAL- BUILDINGS MATERIALS	Aggregate Fine	Silt content (By volume)	CPWD Clause 3.1.3.2
271	MECHANICAL- BUILDINGS MATERIALS	Aggregate- Coarse	Particles finer than 75 micron	IS 2386 (PART1)

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272	MECHANICAL- BUILDINGS MATERIALS	Aggregate- Fine	Bulk Density (Rodded)	IS 2386 (Part 3)
273	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Coagulation of emulsion at low temperature	IS 8887
274	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Distillation	IS 1213
275	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility with water	IS 8887
276	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Particle Charge	IS 8887
277	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600 µ	IS 8887
278	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Saybolt Viscosity	IS 3117
279	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Stability to mixing with cement	IS 8887
280	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage Stability	IS 8887
281	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue - Ductility	IS 1208
282	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue - Penetration	IS 1203
283	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue - Residue by Evaporation	IS 8887
284	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Test on Residue - Solubility in trichloroethylene	IS 1216
285	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Water Content	IS 1211
286	MECHANICAL- BUILDINGS MATERIALS	Bitumen Felts / Water Proofing Membranes	Breaking Strength	IS 13826 (Part 1)
287	MECHANICAL- BUILDINGS MATERIALS	Bitumen Felts / Water Proofing Membranes	Heat Resistance	IS 13826 (Part 5):
288	MECHANICAL- BUILDINGS MATERIALS	Bitumen Felts / Water Proofing Membranes	Pliability	IS 13826 (Part 2)
289	MECHANICAL- BUILDINGS MATERIALS	Bitumen Felts / Water Proofing Membranes	Pressure Head Test	IS 13826 (Part 4)
290	MECHANICAL- BUILDINGS MATERIALS	Bitumen Felts / Water Proofing Membranes	Water Absorption	IS 13826 (Part 6)

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291	MECHANICAL- BUILDINGS MATERIALS	Bitumen Felts / Water Proofing Membranes	Weight	BVIP/SOP/03/BIT-31
292	MECHANICAL- BUILDINGS MATERIALS	Bonded Epoxy	Slant Shear Test	FIP/9/2
293	MECHANICAL- BUILDINGS MATERIALS	Bonding Epoxy	Colour	FIP/9/2
294	MECHANICAL- BUILDINGS MATERIALS	Bonding Epoxy	Curing rate by Compressive Strength	BVIL/SOP/03/SPL- 01 to 13
295	MECHANICAL- BUILDINGS MATERIALS	Bonding Epoxy	Deferred Modulus in Compression	FIP/9/2
296	MECHANICAL- BUILDINGS MATERIALS	Bonding Epoxy	Heat Resistance	FIP/9/2
297	MECHANICAL- BUILDINGS MATERIALS	Bonding Epoxy	Instantaneous Modulus in compression	FIP/9/2
298	MECHANICAL- BUILDINGS MATERIALS	Bonding Epoxy	Open Time	FIP/9/2
299	MECHANICAL- BUILDINGS MATERIALS	Bonding Epoxy	Pot Life	FIP/9/2
300	MECHANICAL- BUILDINGS MATERIALS	Bonding Epoxy	Shrinkage	FIP/9/2
301	MECHANICAL- BUILDINGS MATERIALS	Bonding Epoxy	Solvability	FIP/9/2
302	MECHANICAL- BUILDINGS MATERIALS	Bonding Epoxy	Squeezability	FIP/9/2
303	MECHANICAL- BUILDINGS MATERIALS	Bonding Epoxy	Tensile Bending	FIP/9/2
304	MECHANICAL- BUILDINGS MATERIALS	Bonding Epoxy	Thixotrophy	FIP/9/2
305	MECHANICAL- BUILDINGS MATERIALS	Bonding Epoxy	Water Absorption	FIP/9/2
306	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Compressive Strength	IS 3495 (Part 1)
307	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Efflorescence	IS 3495 (Part 3)
308	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Water absorption	IS 3495 (Part 2)
309	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Flat Terracing Tiles (Roofing Tiles)	Warpage Test	IS 2690 (Part 2)

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310	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Flat Terracing Tiles (Roofing Tiles)	Water Absorption	IS 3495 (Part 2)
311	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles (Mosaic Tiles)	Flatness	IS 1237
312	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles (Mosaic Tiles)	Perpendicularity	IS 1237
313	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles (Mosaic Tiles)	Resistance to wear (Abrasion)	IS 1237
314	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles (Mosaic Tiles)	Straightness	IS 1237
315	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles (Mosaic Tiles)	Water Absorption	IS 1237
316	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Breaking Strength	IS 13630 part 6
317	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Bulk Density	IS 13630 (Part 2)
318	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Crazing Test	IS 13630 (Part 9)
319	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Determination of Dimensions and Surface Quality	IS 13630 (Part 1)
320	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Modulus of rupture	IS 13630 PART 6
321	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Resistance by measuring of coefficient restitution	IS 13630 part 14
322	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Resistance to surface abrasion of glazed tiles	IS 13630 part 11
323	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Scratch Hardness of surface according to Moh's Scale	IS 13630 (Part 13)
324	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630 (Part 2)
325	MECHANICAL- BUILDINGS MATERIALS	Coarse	Bulk density (Rodded)	IS 2386 (Part 3)
326	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Water Content	IS 2386 (Part 3)
327	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Air content	IS 1199 part 4
328	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Bleeding of concrete	IS 9103

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329	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Compressive strength	IS 516 : Part 1 : Sec 1
330	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Flexural strength	IS 516 : Part 1 : Sec 1 :
331	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Length change	IS 516 : Part 6
332	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Setting time	IS 1199 (PART 7)
333	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Workability (Slump)	IS 1199 : Part 2
334	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks - Hollow / Solid	Block Density	IS 2185 (Part 1):
335	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks - Hollow / Solid	Compressive Strength	IS 2185 (Part 1)
336	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks - Hollow / Solid	Drying Shrinkage	IS 2185 (Part 1)
337	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks - Hollow / Solid	Moisture Movement	IS 2185 (Part 1):
338	MECHANICAL- BUILDINGS MATERIALS	Concrete Blocks - Hollow / Solid	Water Absorption	IS 2185 (Part 1):
339	MECHANICAL- BUILDINGS MATERIALS	Concrete Cores	compressive strength	IS 516 : Part 4
340	MECHANICAL- BUILDINGS MATERIALS	Concrete Cubes	Accelerated curing By Boiling Method	IS 9013
341	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Curing Efficiency	BS 7542
342	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Drying Time	ASTM C 309
343	MECHANICAL- BUILDINGS MATERIALS	Curing Compound	Water Retention	ASTM C 156
344	MECHANICAL- BUILDINGS MATERIALS	Fine	Bulk density(Rodded)	IS 2386 (Part 3)
345	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutter (Performance Test)	Buckling	IS 4020 (Part 9)
346	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutter (Performance Test)	Defects of Squareness	IS 4020 (Part 2)
347	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutter (Performance Test)	Edge Loading	IS 4020 (Part 7)

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348	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutter (Performance Test)	End Immersion	IS 4020 (Part 13)
349	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutter (Performance Test)	Glue Adhesion	IS 4020 (Part 15)
350	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutter (Performance Test)	Impact Indentation	IS 4020 (Part 5)
351	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutter (Performance Test)	Knife Test	IS 4020 (Part 14)
352	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutter (Performance Test)	Length and Width	IS 4020 (Part 2)
353	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutter (Performance Test)	Local Planeness	IS 4020 (Part 4)
354	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutter (Performance Test)	Misuse Test	IS 4020 (Part 11)
355	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutter (Performance Test)	Shock Resistance	IS 4020 (Part 8)
356	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutter (Performance Test)	Slamming	IS 4020 (Part 10)
357	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutter (Performance Test)	Thickness	IS 4020 (Part 2)
358	MECHANICAL- BUILDINGS MATERIALS	Flyash	Comparative Compressive Strength	IS 1727
359	MECHANICAL- BUILDINGS MATERIALS	Flyash	Fineness	IS 1727
360	MECHANICAL- BUILDINGS MATERIALS	Flyash	Lime Reactivity	IS 1727
361	MECHANICAL- BUILDINGS MATERIALS	Flyash	Residue on 45 micron sieve	IS 1727
362	MECHANICAL- BUILDINGS MATERIALS	Flyash	Soundness (by autoclave)	IS 1727:
363	MECHANICAL- BUILDINGS MATERIALS	Flyash	Specific gravity	IS 1727
364	MECHANICAL- BUILDINGS MATERIALS	Fusion Bonded Epoxy coated RI Bars	Bond Test	IS 13620
365	MECHANICAL- BUILDINGS MATERIALS	Fusion Bonded Epoxy coated RI Bars	Coating Thickness	IS 6012
366	MECHANICAL- BUILDINGS MATERIALS	Glazed Stoneware Pipes	Crushing Strength	IS 651

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367	MECHANICAL- BUILDINGS MATERIALS	Glazed Stoneware Pipes	Water Absorption	IS 651
368	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag	Specific Gravity	IS 4031 part 11
369	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag (GGBS)	Fineness (Blaine's Method)	IS 4031 (Part 2)
370	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag (GGBS)	Slag activity Index	IS 4031 (Part 6) :
371	MECHANICAL- BUILDINGS MATERIALS	hardened concrete section 1concret cube, Concrete core, concrete beam and Concrete cylinder	Flexural Strength	IS 516 : Part 1 : Sec 1
372	MECHANICAL- BUILDINGS MATERIALS	hardened concrete section 1concret cube, Concrete core, concrete beam and Concrete cylinder	Split Tensile Strength	IS 516 : Part 1 : Sec 1
373	MECHANICAL- BUILDINGS MATERIALS	hardened concrete section 1concrete cube, Concrete core, concrete beam and Concrete cylinder	Compressive Strength	IS 516 : Part 1 : Sec 1
374	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Compressive Strength	IS 4031 (Part 6)
375	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Consistency	IS 4031 (Part 4)
376	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Density	IS 4031 (Part 11)
377	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Drying Shrinkage	IS 4031 (Part 10)
378	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Final Setting Time	IS 4031 (Part 5)
379	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Fineness (Blaine's Method)	IS 4031 (Part 2)
380	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Fineness by dry sieving	IS 4031 (Part 1)
381	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Initial Setting Time	IS 4031 (Part 5)
382	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Soundness - Autoclave Method	IS 4031 (Part 3)
383	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement	Soundness - Le-Chatelier's Method	IS 4031 (Part 3) :
384	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement Grout (Non Shrink)	Compressive Strength	ASTM C109
385	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement Grout (Non Shrink)	Expansion	ASTM C940

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386	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement Grout (Non Shrink)	Flow	ASTM C939
387	MECHANICAL- BUILDINGS MATERIALS	Integral Cement Water Proofing Compound	Compressive Strength	IS 4031 (Part 6)
388	MECHANICAL- BUILDINGS MATERIALS	Integral cement water proofing compound	Final Setting Time	IS 4043 part 5
389	MECHANICAL- BUILDINGS MATERIALS	Integral Cement Water Proofing Compound	Initial Setting Time	IS 4031 (Part 5)
390	MECHANICAL- BUILDINGS MATERIALS	Integral Cement Water Proofing Compound	Permeability Test - Water Percolation	IS 2645
391	MECHANICAL- BUILDINGS MATERIALS	Modified Bitumen	Elastic Recovery of half thread in ductilometer	IRC SP 53
392	MECHANICAL- BUILDINGS MATERIALS	Particle Board	Density	IS 2380 (Part 3)
393	MECHANICAL- BUILDINGS MATERIALS	Particle Board	Moisture Content	IS 2380 (Part 3)
394	MECHANICAL- BUILDINGS MATERIALS	Particle Board	swelling due to water	IS 2380 (Part 17)
395	MECHANICAL- BUILDINGS MATERIALS	Particle board	Water Absorption	IS 2380 (Part 16)
396	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Abrasion Resistance	IS 15658
397	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
398	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Flexural Strength	IS 15658
399	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Tensile Splitting Strength	IS 15658
400	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658:
401	MECHANICAL- BUILDINGS MATERIALS	Plywood	Adhesion of plies	IS 1734 (Part 5)
402	MECHANICAL- BUILDINGS MATERIALS	Plywood	Density	IS 1734 (Part 1)
403	MECHANICAL- BUILDINGS MATERIALS	Plywood	Glue Shear strength	IS 1734 (Part 4)
404	MECHANICAL- BUILDINGS MATERIALS	Plywood	Moisture Content	IS 1734 (Part 1)

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405	MECHANICAL- BUILDINGS MATERIALS	Plywood	Water resistance	IS 1734 (Part 6)
406	MECHANICAL- BUILDINGS MATERIALS	Potential Alkali Aggreagte reactivity of cement- Aggregate combinate(Alkali Aggregtae mortar Bar Method)	Accelerated mortar bar method	IS 2386 PART VII
407	MECHANICAL- BUILDINGS MATERIALS	Silica Fume	Compressive Strength at 7 days as percent of control sample	IS 1727
408	MECHANICAL- BUILDINGS MATERIALS	Silica Fume	Oversize percent retained on 45 micron IS Sieve	IS 1727
409	MECHANICAL- BUILDINGS MATERIALS	Silica Fume	Specific gravity	IS 1727
410	MECHANICAL- BUILDINGS MATERIALS	Slag Aggregate	Volumetric Expansion Ratio of slag Aggregate	IS 383
411	MECHANICAL- BUILDINGS MATERIALS	Tar & Bituminous Materials	Flash Point	IS 1209
412	MECHANICAL- BUILDINGS MATERIALS	Tar & Bituminous Materials	Penetration	IS 1203
413	MECHANICAL- BUILDINGS MATERIALS	Tar & Bituminous Materials	Penetration of the residue	IS 1203
414	MECHANICAL- BUILDINGS MATERIALS	Tar & Bituminous Materials	Softening Point	IS 1205
415	MECHANICAL- BUILDINGS MATERIALS	Tar and Bituminous Materials	Apparent Viscosity @ 60oC	ASTM D 4402
416	MECHANICAL- BUILDINGS MATERIALS	Tar and Bituminous Materials	Ductility	IS 1208
417	MECHANICAL- BUILDINGS MATERIALS	Tar and Bituminous Materials	Loss on Heating	IS 1212
418	MECHANICAL- BUILDINGS MATERIALS	Tar and Bituminous Materials	Matter Soluble in trichloroethylene	IS 1216
419	MECHANICAL- BUILDINGS MATERIALS	Tar and Bituminous Materials	Specific gravity	IS 1202
420	MECHANICAL- BUILDINGS MATERIALS	Tar and Bituminous Materials	Stripping Value	IS 6241
421	MECHANICAL- BUILDINGS MATERIALS	Tar and Bituminous Materials	Water Content	IS 1211
422	MECHANICAL- BUILDINGS MATERIALS	Ultra fine Ground Granulated Blast Furnace Slag	Determination of transverse and compressive strength of plastic mortar using prism	IS 4031 (Part 8)

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423	MECHANICAL- BUILDINGS MATERIALS	Ultrafine GGBFS	Residue on 45 micron	IS 1727
424	MECHANICAL- BUILDINGS MATERIALS	Wood	Moisture Content	IS 11215
425	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength deformed steel bars and wires for concrete reinforcement	0.2% Proof Stress	IS 1608 (Part 1)
426	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength deformed steel bars and wires for concrete reinforcement	Bend test	IS 1599
427	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength deformed steel bars and wires for concrete reinforcement	Bond Test	IS 2770 (Part 1)
428	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength deformed steel bars and wires for concrete reinforcement	Deformation Geometry	BVIPL/SOP/03/ steel/08
429	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength deformed steel bars and wires for concrete reinforcement	Elongation	IS 1608 (Part 1)
430	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength deformed steel bars and wires for concrete reinforcement	Rebend Test	IS 1786
431	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength deformed steel bars and wires for concrete reinforcement	Tensile Strength	IS 1608 (Part 1)
432	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High Strength deformed steel bars and wires for concrete reinforcement	Weight / meter	BVIPL/SOP/03/steel/09
433	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot rolled medium and High Tensile Structural Steel / Hollow Steel Section	Bend Test	IS 1599
434	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot rolled medium and High Tensile Structural Steel / Hollow Steel Section	Elongation	IS 1608 (Part 1)
435	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot rolled medium and High Tensile Structural Steel / Hollow Steel Section	mass	BVIPL/SOP/03/steel/10
436	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot rolled medium and High Tensile Structural Steel / Hollow Steel Section	Mass	BVIPL/SOP/03/steel/13

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437	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and High Tensile Structural Steel / Hollow Steel Section	Mass/Meter	BVIPL/SOP/03/steel/14
438	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and High Tensile Structural Steel / Hollow Steel Section	Tensile Strength	IS 1608 (Part 1)
439	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and High Tensile Structural Steel / Hollow Steel Section	Weight	BVIPL/SOP/03/steel/12
440	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and High Tensile Structural Steel / Hollow Steel Section	Weight	BVIPL/SOP/03/steel/15
441	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and High Tensile Structural Steel / Hollow Steel Section	Yield Stress	IS 1608 (Part 1)
442	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and High Tensile Structural Steel / Hollow Steel Section	Yield Stress by drop method	IS 1608 (Part 1)
443	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hot rolled medium and High Tensile Structural Steel / Hollow Steel Section	Yield Stress by drop method	IS 1608 (Part1)
444	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Couplers for mechanical Splices of Bars in concrete	Percantage of Elongation	IS 16172
445	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Couplers for mechanical Splices of Bars in concrete	Static Tensile strength	IS 16172
446	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes	Elongation	IS 1608 (Part 1)
447	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes	Flattening Test	IS 2328
448	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes	Mass per meter run	BVIPL/SOP/03/steel/11
449	MECHANICAL-MECHANICAL PROPERTIES OF METALS	steel tubes	mass per meter run	BVIPL/SOP/03/steel/16
450	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes	Tensile Strength	IS 1608 (Part 1)

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451	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes	Yield Stress	IS 1608 (Part 1)
452	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved low relaxation seven-ply strand for prestressed concrete	Breaking Load	IS 1608 (part 1)
453	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved low relaxation seven-ply strand for prestressed concrete	Elongation	IS 14268
454	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved low relaxation seven-ply strand for prestressed concrete	Lay Length	IS 14268
455	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved low relaxation seven-ply strand for prestressed concrete	Load @ 1% extension	IS 14268
456	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved low relaxation seven-ply strand for prestressed concrete	Modulus of Elasticity	IS 14268
457	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved low relaxation seven-ply strand for prestressed concrete	Nominal Area	IS 14268
458	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated stress relieved low relaxation seven-ply strand for prestressed concrete	Nominal mass	IS 14268
459	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress relieved low relaxation seven-wire (ply) strand for prstressed concrete	Uncoated Stress relieved low relaxation seven-wire (ply) strand for prstressed concrete - Relaxation properties @ 100hours	IS 14268
460	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Uncoated Stress relieved low relaxation seven-wire (ply) strand for prstressed concrete	Uncoated Stress relieved low relaxation seven-wire (ply) strand for prstressed concrete - Relaxation properties @ 100hours & 1000hours	IS 14268
461	MECHANICAL- ROCK-BASIC	Rock	Determination of point load strength index of rocks	IS 8764
462	MECHANICAL- SOIL-ADVANCED	soil	Laboratory Determination of Permeability (Const. Head & Falling Head)	IS 2720 part 17
463	MECHANICAL- SOIL-ADVANCED	soil	Triaxial Compression - Angle of Shearing Resistance	IS 2720 (Part 12)

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464	MECHANICAL- SOIL- ADVANCED	soil	Triaxial Compression - Cohesion	IS 2720 (Part 12)
465	MECHANICAL- SOIL- ADVANCED	soil and sand	Relative Density	IS 2720 (Part 14)
466	MECHANICAL- SOIL AND ROCK	natural building stone	Apparent Specific Gravity	IS 1124
467	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Apparent Porosity	IS 1124
468	MECHANICAL- SOIL AND ROCK	Natural Building Stones	Compressive Strength	IS 1121 (Part 1)
469	MECHANICAL- SOIL AND ROCK	Natural Building Stones	Determination of Scratch Hardness of Surface According to Mohs' Scale	IS 13630 (Part 13)
470	MECHANICAL- SOIL AND ROCK	Natural Building Stones	True Specific gravity	IS 1122
471	MECHANICAL- SOIL AND ROCK	Natural Building Stones	Water Absorption	IS 1124
472	MECHANICAL- SOIL AND ROCK	Soil	Sand Equivalent Value	IS 2720 (Part 37)
473	MECHANICAL- SOIL- BASIC	soil	CBR	IS 2720 (Part 16)
474	MECHANICAL- SOIL- BASIC	Soil	Consolidation - Cc	IS 2720 (Part 15)
475	MECHANICAL- SOIL- BASIC	Soil	Direct Shear - Angle of Shearing Resistance	IS 2720 (Part 13)
476	MECHANICAL- SOIL- BASIC	soil	Direct Shear - Cohesion	IS 2720 (Part 13)
477	MECHANICAL- SOIL- BASIC	Soil	Free Swell Index	IS 2720 (Part 40)
478	MECHANICAL- SOIL- BASIC	Soil	Grain Size Analysis by Hydrometer (0.075 to 0.002 mm)	IS 2720 (Part 4)
479	MECHANICAL- SOIL- BASIC	Soil	Grain Size Analysis (0.075 to 4.75 mm)	IS 2720 (Part 4)
480	MECHANICAL- SOIL- BASIC	Soil	Heavy Compaction - OMC	IS 2720 (Part 8)
481	MECHANICAL- SOIL- BASIC	Soil	Light Compaction - OMC	IS 2720 (Part 7)
482	MECHANICAL- SOIL- BASIC	Soil	Liquid Limit by Casagrade Apparatus (Mechanical Method)	IS 2720 (Part 5)
483	MECHANICAL- SOIL- BASIC	soil	maximum dry density - MDD	IS 2720 (Part 7)
484	MECHANICAL- SOIL- BASIC	Soil	maximum dry density - MDD	IS 2720 (Part 8)

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485	MECHANICAL- SOIL- BASIC	Soil	Plastic Limit	IS 2720 (Part 5)
486	MECHANICAL- SOIL- BASIC	soil	Shrinkage Limit	IS 2720 (Part 6)
487	MECHANICAL- SOIL- BASIC	Soil	Specific Gravity	IS 2720 (Part 3 / Sec 1)
488	MECHANICAL- SOIL- BASIC	Soil	Triaxial Compression - Angle of Shearing Resistance	IS 2720 (Part 11)
489	MECHANICAL- SOIL- BASIC	Soil	Triaxial Compression - Cohesion	IS 2720 (Part 11)
490	MECHANICAL- SOIL- BASIC	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)
491	MECHANICAL- SOIL- BASIC	Soil	Water Content	IS 2720 (Part 2)

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Site Facility				
1	MECHANICAL- SOIL- FIELD	Soil	Field density by Core Cutter Method	IS 2720 (Part 29)
2	MECHANICAL- SOIL- FIELD	Soil	Field Density by Sand Replacement Method	IS 2720 (Part 28)