National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CONSTROLOGIX ENGINEERING & RESEARCH SERVICES PVT. LTD, PLOT NO. 58/I, D-III BLOCK, CHINCHWAD, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 31/07/2022 to 30/07/2024 **Last Amended on** 31/01/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chlorides	IS 6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH value	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Cement OPC	Alumina(Al2O3)	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Cement OPC	Calcium oxide (CaO)	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Cement OPC	Chlorides	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement OPC	Ferric Oxide (Fe2 O3)	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement OPC	Insoluble Residue	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement OPC	Loss on Ingition	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement OPC	Magnesia (MgO)	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement OPC	Silica (SiO2)	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement OPC	Sulphur as (SO3)	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement PPC	Calcium Oxide (CaO)	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Cement PPC	Chloride	IS 4032
17	CHEMICAL- BUILDING MATERIAL	Cement PPC	Insoluble Residue	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Cement PPC	Loss on Ignition	IS 4032

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19	CHEMICAL- BUILDING MATERIAL	Cement PPC	Magnesia (MgO)	IS 4032
20	CHEMICAL- BUILDING MATERIAL	Cement PPC	Silica (SiO2)	IS 4032
21	CHEMICAL- BUILDING MATERIAL	Cement PPC	Sulphur as (SO3)	IS 4032
22	CHEMICAL- BUILDING MATERIAL	Cement PSC	Aluminium oxide (Al2O3)	IS 4032
23	CHEMICAL- BUILDING MATERIAL	Cement PSC	Calcium oxide (CAO)	IS 4032
24	CHEMICAL- BUILDING MATERIAL	Cement PSC	Chloride	IS 4032
25	CHEMICAL- BUILDING MATERIAL	Cement PSC	Ferric oxide (Fe2O3)	IS 4032
26	CHEMICAL- BUILDING MATERIAL	Cement PSC	Insoluble Residue	IS 4032
27	CHEMICAL- BUILDING MATERIAL	Cement PSC	Loss on ignition	IS 4032
28	CHEMICAL- BUILDING MATERIAL	Cement PSC	Magnesia (MgO)	IS 4032
29	CHEMICAL- BUILDING MATERIAL	Cement PSC	Silica (SiO2)	IS 4032
30	CHEMICAL- BUILDING MATERIAL	Cement PSC	Sulphuric Anhydride(SO3)	IS 4032
31	CHEMICAL- BUILDING MATERIAL	Ceramic Fully Vitrified /Porcelian/Floor & Wall Tiles	Acids	IS 13630 (P 8)
32	CHEMICAL- BUILDING MATERIAL	Ceramic Fully Vitrified /Porcelian/Floor & Wall Tiles	Alkalis	IS 13630(P 8)
33	CHEMICAL- BUILDING MATERIAL	Ceramic Fully Vitrified /Porcelian/Floor & Wall Tiles	Household Chemicals	IS 13630(P 8)
34	CHEMICAL- BUILDING MATERIAL	Ceramic Fully Vitrified /Porcelian/Floor & Wall Tiles	Stains	IS 13630 (P 8)
35	CHEMICAL- BUILDING MATERIAL	Ceramic Fully Vitrified /Porcelian/Floor & Wall Tiles	Swimming Pool Salts	IS 13630 (P 8)
36	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Alkali Aggregate Reactivity-Dissolved	IS 2386(P 7)
37	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Alkali Aggregate Reactivity - Reduction in alkalinity(RC)	IS 2386(P 7)

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38	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Clay Lumps	IS 2386 Part 2
39	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Deleterious Materials (Determination of clay,fine silt and fine dust by Sedimentation Method)	IS 2386(P 2)
40	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Organic Impurities	IS 2386(Part 2)
41	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Soundness by Magnesium Sulphate (MgS04)-5 cycles	IS 2386(P 5)
42	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Soundness by Sodium Sulphate (Na2SO4)- 5 Cycles	IS 2386 (P5)
43	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Water Soluble Chloride	IS 14959 (P 2)
44	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Water Soluble Sulphate	IS 4032
45	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Alkali Aggregate Reactivity-Dissolved	IS 2386 (P 7)
46	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Alkali Aggregate Reactivity - Reduction in alkalinity(RC)	IS 2386(P 7)
47	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Clay Lamp	IS 2386 (Part 2)
48	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Deleterious Materials (Determination of clay ,fine silt and fine dust by Sedimentation Method)	IS 2386 (P 2)
49	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Organic Impurities	IS 2386 (P 2)
50	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Soundness by Magnesium Sulphate (Mg SO4)- 5 Cycles	IS 2386 (P 5)
51	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Soundness by Na2SO4)-5 Cycles	IS 2386 (P 5)
52	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Water Soluble -Chloride	IS 149599 (P 2)
53	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Water Soluble Sulphate	IS 4032
54	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chloride	IS 1727

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55	CHEMICAL- BUILDING MATERIAL	Fly Ash	Calcium Oxide (CaO)	IS 1727
56	CHEMICAL- BUILDING MATERIAL	Fly Ash	Combined Alumina and Ferric Oxide	IS 1727
57	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss on ignition	IS 1727
58	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesia (MgO)	IS 1727
59	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica (SiO2)	IS 1727
60	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphuric Anhydride	IS 1727
61	CHEMICAL- BUILDING MATERIAL	Flyash	Chlorides	IS 1727
62	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Sulphuric Anhydride (SO3)	IS 4032
63	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Alumina (Al2O3)	IS 4032
64	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Calcium Oxide (CaO)	IS 4032
65	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Chloride	IS 4032
66	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Ferric Oxide (Fe2O3)	IS 4032
67	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Insoluble Residue	IS 4032
68	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Loss on ignition	IS 4032
69	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Magnasia (MgO)	IS 4032
70	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag	Silica Content (SiO2)	IS 4032
71	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Calcium Oxide	IS 1288 Clause 10.2
72	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Free Lime	IS 2547(P1)
73	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Loss on Ignition	IS 2547(P 1)

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74	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Soluble Magnesium Salt (MgO)	IS 2547 (P 1)
75	CHEMICAL- BUILDING MATERIAL	Gypsum Plaster	Sulphur Trioxide (SO3) & Calcium Sulphate dihydrate	IS 1288 Clause 12
76	CHEMICAL- BUILDING MATERIAL	Harden Concrete	Chloride	IS 14959
77	CHEMICAL- BUILDING MATERIAL	Harden Concrete	Sulphate	IS 4032
78	CHEMICAL- BUILDING MATERIAL	Micro silica or Silica fume	Loss on ignition	IS 1727
79	CHEMICAL- BUILDING MATERIAL	Micro silica or Silica fume	Moisture Content	IS 15388
80	CHEMICAL- BUILDING MATERIAL	Micro silica or Silica fume	Silica Content(SiO2)	IS 1727
81	CHEMICAL- BUILDING MATERIAL	Mortar	Chloride	IS 14959(P 2)
82	CHEMICAL- BUILDING MATERIAL	Mortar	Sulphate	IS 4032
83	CHEMICAL- BUILDING MATERIAL	UGGBS	Alumina Oxide % by Mass	IS 4032
84	CHEMICAL- BUILDING MATERIAL	UGGBS	Calcium Oxide (CaO),% by mass	IS 4032
85	CHEMICAL- BUILDING MATERIAL	UGGBS	Chloride content, % by mass	IS 4032
86	CHEMICAL- BUILDING MATERIAL	UGGBS	Ferric Oxide % by mass	IS 4032
87	CHEMICAL- BUILDING MATERIAL	UGGBS	Insoluble residue % by mass	IS 4032
88	CHEMICAL- BUILDING MATERIAL	UGGBS	Loss on ignition, % by mass	IS 4032
89	CHEMICAL- BUILDING MATERIAL	UGGBS	Magnesia % by mass	IS 4032
90	CHEMICAL- BUILDING MATERIAL	UGGBS	Silicon (SiO2) % by mass	IS 4032
91	CHEMICAL- BUILDING MATERIAL	UGGBS	Sulphate(SO3)% by mass	IS 4032
92	CHEMICAL- METALS & ALLOYS	Carbon Steel - High Strength Deformed steel Bars and wires for Concrete Reinforcement	Phosphorus	IS 228 (Part 3)

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93	CHEMICAL- METALS & ALLOYS	Carbon Steel High Strength Deformed Steel Bars and Wires for Concrete Reinforcement	Carbon	IS 228 (Part 1)
94	CHEMICAL- SOIL AND ROCK	Soil / Granular Material	Calcium Carbonate	IS 2720 (P 23)
95	CHEMICAL- SOIL AND ROCK	Soil / Granular Material	Determination of total soluble Sulphate content	IS 2720(P 27)
96	CHEMICAL- SOIL AND ROCK	Soil / Granular Material	Organic Matter	IS 2720 (P 22)
97	CHEMICAL- SOIL AND ROCK	Soil / Granular Material	pH value	IS 2720(P 26)
98	CHEMICAL- SOIL AND ROCK	Soil / Granular Material	Total Soluble Solids	IS 2720(P 21)
99	CHEMICAL- SOIL AND ROCK	Soil / Granular Material	Total Soluble Sulphate	IS 2720(P 27)
100	CHEMICAL- SOIL AND ROCK	Soil / Granular Material	Water soluble chloride content	BS 1377 (P 3)
101	CHEMICAL- WATER	Water	Acidity- 0.02N NaOH Required to neutralize 100 ml of water	IS 3025 (Part 22)
102	CHEMICAL- WATER	Water	Alkalinity- 0.02 N H_2SO_4 Required to neutralize 100 ml of water	IS 3025(Part 23)
103	CHEMICAL- WATER	Water	Chloride	IS 3025(Part 32)
104	CHEMICAL- WATER	Water	Fixed Residue (Inorganic Residue)	IS 3025(Part 18)
105	CHEMICAL- WATER	Water	pH Value	IS 3028 (Part 11)
106	CHEMICAL- WATER	Water	Sulphate as So3	IS 3025 (Part 24)
107	CHEMICAL- WATER	Water	Total Dissolved Solid	IS 3025 (Part 16)
108	CHEMICAL- WATER	Water	Total Hardness	IS 3025 (Part 21)
109	CHEMICAL- WATER	Water	Total Suspended Solid	IS 3025(Part 17)
110	CHEMICAL- WATER	Water	Volatile (Organic Residue)	IS 3025 (PART 18)
111	MECHANICAL- BUILDINGS MATERIALS	Joint Filler.	Water absorption of	IS1838
112	MECHANICAL- BUILDINGS MATERIALS	AAC Concrete block	Block Density	IS 6441 (Part 1)
113	MECHANICAL- BUILDINGS MATERIALS	AAC Concrete Block	Compressive Strength	IS 6441 (Part 5)

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114	MECHANICAL- BUILDINGS MATERIALS	AAC Concrete Block	Drying Shrinkage	IS 2185 (P 3)
115	MECHANICAL- BUILDINGS MATERIALS	AAC Concrete Block	Height	IS 2185 (Part 3)
116	MECHANICAL- BUILDINGS MATERIALS	AAC Concrete Block	Length	IS 2185 (Part 3)
117	MECHANICAL- BUILDINGS MATERIALS	AAC Concrete Block	Moisture Content	IS 6441 (Part 1)
118	MECHANICAL- BUILDINGS MATERIALS	AAC Concrete Block	Thickness / Height	IS 2185 (Part 3)
119	MECHANICAL- BUILDINGS MATERIALS	Admixture	Slump in mm	IS 9103
120	MECHANICAL- BUILDINGS MATERIALS	Admixture	Air Content (%)	IS 9103
121	MECHANICAL- BUILDINGS MATERIALS	Admixture	Bleeding -Percent	IS 9103
122	MECHANICAL- BUILDINGS MATERIALS	Admixture	Compressive Strength	IS 2645
123	MECHANICAL- BUILDINGS MATERIALS	Admixture	Final Setting Time	IS 9103
124	MECHANICAL- BUILDINGS MATERIALS	Admixture	Flexural Strength	IS 9103
125	MECHANICAL- BUILDINGS MATERIALS	Admixture	Initial Setting Time	IS 9103
126	MECHANICAL- BUILDINGS MATERIALS	Admixture	Length Change	IS 9103
127	MECHANICAL- BUILDINGS MATERIALS	Admixture	Loss in work ability	IS 9103
128	MECHANICAL- BUILDINGS MATERIALS	Admixture	Water Content percent	IS 9103
129	MECHANICAL- BUILDINGS MATERIALS	Bedding sand	Sieve Analysis	IS 2386(P 1)
130	MECHANICAL- BUILDINGS MATERIALS	Bedding sand	Water absorption	IS 2386 (P 3)
131	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB/ PMB	Absolute Viscosity	IS 1206
132	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB/ PMB	Ductility	IS 1208

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133	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB/ PMB	Elastic recovery	IS 15462
134	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB/ PMB	Flash & Fire Point-Cleveland Open Cup	IS : 1448 (Part 69)
135	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB/ PMB	Kinematic viscosity	IS 1206
136	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB/ PMB	Loss on heating	IS 1212
137	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB/ PMB	Matter soluble in trichloroethylene	IS 1216
138	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB/ PMB	Penetration	IS 1203
139	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB/ PMB	Softening Point	IS 1205
140	MECHANICAL- BUILDINGS MATERIALS	Bitumen / CRMB/ PMB	Specific Gravity	IS 1203
141	MECHANICAL- BUILDINGS MATERIALS	Bitumen Membrane/APP(Elastic/ Water proofing Membrane)	Breaking strength	IS 13826 (Part1)
142	MECHANICAL- BUILDINGS MATERIALS	Bitumen Membrane/APP(Elastic/ Water proofing Membrane)	Crack bridging ability	EN 1062-7
143	MECHANICAL- BUILDINGS MATERIALS	Bitumen Membrane/APP(Elastic/ Water proofing Membrane)	Elongation at break	ASTM D412-16
144	MECHANICAL- BUILDINGS MATERIALS	Bitumen Membrane/APP(Elastic/ Water proofing Membrane)	Heat resistance test	IS 13826 (Part 1)
145	MECHANICAL- BUILDINGS MATERIALS	Bitumen Membrane/APP(Elastic/ Water proofing Membrane)	Low Temp flexibility	ASTM D5147
146	MECHANICAL- BUILDINGS MATERIALS	Bitumen Membrane/APP(Elastic/ Water proofing Membrane)	Penetration	IS 1203
147	MECHANICAL- BUILDINGS MATERIALS	Bitumen Membrane/APP(Elastic/ Water proofing Membrane)	Pliability	IS 13826 (Part 1)
148	MECHANICAL- BUILDINGS MATERIALS	Bitumen Membrane/APP(Elastic/ Water proofing Membrane)	Pressure Head test	IS 13826 (Part 1)
149	MECHANICAL- BUILDINGS MATERIALS	Bitumen Membrane/APP(Elastic/ Water proofing Membrane)	Puncture resistance	ASTM E 154-08
150	MECHANICAL- BUILDINGS MATERIALS	Bitumen Membrane/APP(Elastic/ Water proofing Membrane)	Tear Strength	ASTM D -4073
151	MECHANICAL- BUILDINGS MATERIALS	Bitumen Membrane/APP(Elastic/ Water proofing Membrane)	Tensile strength	ASTM D 412-16

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152	MECHANICAL- BUILDINGS MATERIALS	Bitumen Membrane/APP(Elastic/ Water proofing Membrane)	Thickness	IS 13826
153	MECHANICAL- BUILDINGS MATERIALS	Bitumen Membrane/APP(Elastic/ Water proofing Membrane)	Water Absorption	IS 13826(P 1)
154	MECHANICAL- BUILDINGS MATERIALS	Block Jointing Morter	Bulk Density	BS EN 1015
155	MECHANICAL- BUILDINGS MATERIALS	Block Jointing Morter	Compressive Strength	BS EN 1015
156	MECHANICAL- BUILDINGS MATERIALS	Block Jointing Morter	Flexural strength	BS EN 1015
157	MECHANICAL- BUILDINGS MATERIALS	Block Jointing Morter	Flow in mm	BS EN 1015
158	MECHANICAL- BUILDINGS MATERIALS	Block Jointing Morter	Mixed Density	BS EN 1015
159	MECHANICAL- BUILDINGS MATERIALS	Block Jointing Morter	Pot Life	BS EN 1015
160	MECHANICAL- BUILDINGS MATERIALS	Block Jointing Morter	Splitting tensile Strength	BS EN 1015
161	MECHANICAL- BUILDINGS MATERIALS	Block Jointing Morter	Tensile adhesion strength	BS EN 1015
162	MECHANICAL- BUILDINGS MATERIALS	Block Jointing Morter	Water Demand	BS EN 1015
163	MECHANICAL- BUILDINGS MATERIALS	Bond ed Epoxy	Heat resistance	IS 9162
164	MECHANICAL- BUILDINGS MATERIALS	Bonded Epoxy	Color	IS 9162
165	MECHANICAL- BUILDINGS MATERIALS	Bonded Epoxy	Compressive Strength 28 days	IS 9162
166	MECHANICAL- BUILDINGS MATERIALS	Bonded Epoxy	Compressive strength 7 days	IS 9162
167	MECHANICAL- BUILDINGS MATERIALS	Bonded Epoxy	Instantaneous modulus in compression	IS 9162
168	MECHANICAL- BUILDINGS MATERIALS	Bonded Epoxy	Open Time	IS 9162
169	MECHANICAL- BUILDINGS MATERIALS	Bonded Epoxy	Pot Life	IS 9162
170	MECHANICAL- BUILDINGS MATERIALS	Bonded Epoxy	Shrinkage	IS 9162

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171	MECHANICAL- BUILDINGS MATERIALS	Bonded Epoxy	Slant Shear test- 7 days	IS 9162
172	MECHANICAL- BUILDINGS MATERIALS	Bonded Epoxy	Solvability	IS 9162
173	MECHANICAL- BUILDINGS MATERIALS	Bonded Epoxy	Water Absorption	IS 9162
174	MECHANICAL- BUILDINGS MATERIALS	Bricks : Brunt Clay Bricks	Compressive Strength	IS 3495(Part 1)
175	MECHANICAL- BUILDINGS MATERIALS	Bricks : Brunt Clay Bricks	Dimension : Length	IS 3495 (Part 1)
176	MECHANICAL- BUILDINGS MATERIALS	Bricks : Brunt Clay Bricks	Efflorescence Test	IS 3495 (Part 3)
177	MECHANICAL- BUILDINGS MATERIALS	Bricks : Brunt Clay Bricks	Water Absorption	IS 3495 (Part 2)
178	MECHANICAL- BUILDINGS MATERIALS	Bricks: Brunt Clay Bricks	Warpage Test	IS 3495 (Part 4)
179	MECHANICAL- BUILDINGS MATERIALS	Bricks: Fly Ash Bricks	Compressive strength	IS 3495 (Part 1)
180	MECHANICAL- BUILDINGS MATERIALS	Bricks: Fly Ash Bricks	Efflorescence Test	IS 3495 (Part 3)
181	MECHANICAL- BUILDINGS MATERIALS	Bricks: Fly Ash Bricks	Warpage Test	IS 3495 (Part 3)
182	MECHANICAL- BUILDINGS MATERIALS	Bricks: Fly Ash Bricks	Water absorption	IS 3495 (Part 2)
183	MECHANICAL- BUILDINGS MATERIALS	Cement :Ordinary Portland Cement 43S,53S Grades	Density	IS 4031 (P 11)
184	MECHANICAL- BUILDINGS MATERIALS	Cement :Ordinary Portland Cement 43S,53S Grades	Final Setting Time	IS 4031 (P 4)
185	MECHANICAL- BUILDINGS MATERIALS	Cement :Ordinary Portland Cement 43S,53S Grades	Fineness by Blaine's Air Permeability	IS 4031 (P 2)
186	MECHANICAL- BUILDINGS MATERIALS	Cement :Ordinary Portland Cement 43S,53S Grades	Fineness by Dry Sieving	IS 4031 P 1
187	MECHANICAL- BUILDINGS MATERIALS	Cement :Ordinary Portland Cement 43S,53S Grades	Initial Setting Time	IS 4031(P 5)
188	MECHANICAL- BUILDINGS MATERIALS	Cement :Ordinary Portland Cement 33, 43,53 Grades	Initial Setting Time	IS 4031 (Part 5)
189	MECHANICAL- BUILDINGS MATERIALS	Cement :Ordinary Portland Cement 33, 43,53 Grades	Compressive Strength	IS 4031 (Part 6)

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190	MECHANICAL- BUILDINGS MATERIALS	Cement :Ordinary Portland Cement 33, 43,53 Grades	Consistency	IS 4031 (Part 4)
191	MECHANICAL- BUILDINGS MATERIALS	Cement :Ordinary Portland Cement 33, 43,53 Grades	Density	IS 4031 (Part 11)
192	MECHANICAL- BUILDINGS MATERIALS	Cement :Ordinary Portland Cement 33, 43,53 Grades	Final Setting Time	IS 4031 (Part 5)
193	MECHANICAL- BUILDINGS MATERIALS	Cement :Ordinary Portland Cement 33, 43,53 Grades	Fineness by Blaine’s Air Permeability	IS 4031 (Part 2)
194	MECHANICAL- BUILDINGS MATERIALS	Cement :Ordinary Portland Cement 33, 43,53 Grades	Soundness by Le- Chatelier's method	IS 4031 (Part 3)
195	MECHANICAL- BUILDINGS MATERIALS	Cement :Ordinary Portland Cement 43S,53S Grades	Compressive Strength	IS 4031 (P 6)
196	MECHANICAL- BUILDINGS MATERIALS	Cement :Ordinary Portland Cement 43S,53S Grades	Consistency	IS 4031(P 4)
197	MECHANICAL- BUILDINGS MATERIALS	Cement :Ordinary Portland Cement 43S,53S Grades	Soundness by Le Chatelier's method	IS 4031 (P 3)
198	MECHANICAL- BUILDINGS MATERIALS	Cement :Portland Pozzolona Cement (Calcined Clay Based)	Compressive Strength	IS 4031 (P 6)
199	MECHANICAL- BUILDINGS MATERIALS	Cement :Portland Pozzolona Cement (Calcined Clay Based)	Consistency	IS 4031 (P 4)
200	MECHANICAL- BUILDINGS MATERIALS	Cement :Portland Pozzolona Cement (Calcined Clay Based)	Density	IS 4031 (P 11)
201	MECHANICAL- BUILDINGS MATERIALS	Cement :Portland Pozzolona Cement (Calcined Clay Based)	Fineness by Blaine's Air Permeability	IS 4031 P 2
202	MECHANICAL- BUILDINGS MATERIALS	Cement :Portland Pozzolona Cement (Calcined Clay Based)	Initial Setting Time	IS 4031 (P 5)
203	MECHANICAL- BUILDINGS MATERIALS	Cement :Portland Pozzolona Cement (Calcined Clay Based)	Soundness by Le Chatelier's method	IS 4031 (P3)
204	MECHANICAL- BUILDINGS MATERIALS	Cement :Portland Pozzolona Cement (Fly Ash based)	Compressive Strength	IS 4032 (P 6)
205	MECHANICAL- BUILDINGS MATERIALS	Cement :Portland Pozzolona Cement (Fly Ash based)	Consistency	IS 4031 (P4)
206	MECHANICAL- BUILDINGS MATERIALS	Cement :Portland Pozzolona Cement (Fly Ash based)	Density	IS 4031 (P11)
207	MECHANICAL- BUILDINGS MATERIALS	Cement :Portland Pozzolona Cement (Fly Ash based)	Fineness by Blaine's Air Permeability	IS 4031 (P 2)
208	MECHANICAL- BUILDINGS MATERIALS	Cement :Portland Pozzolona Cement (Fly Ash based)	Initial Setting Time	IS 4031 (P 5)

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209	MECHANICAL- BUILDINGS MATERIALS	Cement :Portland Pozzolona Cement (Fly Ash based)	Soundness by Le Chatelier's method	IS 4031 (P 3)
210	MECHANICAL- BUILDINGS MATERIALS	Cement :Portland Slag Cement	Compressive Strength	IS 4031 (P 6)
211	MECHANICAL- BUILDINGS MATERIALS	Cement :Portland Slag Cement	Consistency	IS 4031 (P 4)
212	MECHANICAL- BUILDINGS MATERIALS	Cement :Portland Slag Cement	Density	IS 4031 (P 11)
213	MECHANICAL- BUILDINGS MATERIALS	Cement :Portland Slag Cement	Fineness by Blaine's Air Permeability	IS 4031 (P 2)
214	MECHANICAL- BUILDINGS MATERIALS	Cement :Portland Slag Cement	Initial Setting Time	IS 4031(P5)
215	MECHANICAL- BUILDINGS MATERIALS	Cement :Portland Slag Cement	Soundness by Le -Chatelier's method	IS 4031(P3)
216	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Diamension: Length	IS 1237
217	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Diamension: Thickness	IS 1237
218	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Diamension: Width	IS 1237
219	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Flatness of the Tile Surface Concavity	IS 1237
220	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Perpendicularity	IS 1237
221	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Resistance to wear	IS 1237
222	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Strainghtness (%)	IS 1237
223	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS 1237
224	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Wet Transverse Strength	IS 1237
225	MECHANICAL- BUILDINGS MATERIALS	Cement Treated Base(20 mm,10 mm,Crushed sand)	Gradation	IS 2386(P 1)
226	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fully Vitrified Tiles	Deviation in Width	IS 13630 (P 1)
227	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fully Vitrified Tiles	Bulk Density	IS 13630 (P 2)

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228	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fully Vitrified Tiles	Coeficient of linear thermal expansion	IS 13630 (P 4)
229	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fully Vitrified Tiles	Deviation in Length	IS 13630 (P 1)
230	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fully Vitrified Tiles	Moisture Expansion	IS 13630 (P 3)
231	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fully Vitrified Tiles	Rectangularity	IS 13630 (P 1)
232	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fully Vitrified Tiles	Scratch Hardness by Moh’s scale	IS 13630 (P13)
233	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fully Vitrified Tiles	Surface Flatness- Edge Curvature	IS 13630 (P 1)
234	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fully Vitrified Tiles	Water absorption percent by weight	IS 13630 (P 2)
235	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fully Vitrified Tiles	Bulk Density	IS 13630 (P 2)
236	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fully Vitrified Tiles	Crazing Resistance	IS 13630 (P 9)
237	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fully Vitrified Tiles	Deviation in Thickness	IS 13630(P1)
238	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fully Vitrified Tiles	Flexural Breaking Strength	IS 13630 (P 6)
239	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fully Vitrified Tiles	Modulus of Rupture	IS 13630 (P 6)
240	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fully Vitrified Tiles	Straightness of sides	IS 13630 (P 1)
241	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fully Vitrified Tiles	Surface Flatness- Centre Curature	IS 13630 (P 1)
242	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fully Vitrified Tiles	Surface Flatness- Warpage	IS 13630 (P 1)
243	MECHANICAL- BUILDINGS MATERIALS	Ceramic Fully Vitrified Tiles	Surface Quality	IS 13630 (P 1)
244	MECHANICAL- BUILDINGS MATERIALS	Ceramic Porcelian / Floor / Wall Tiles	Coeficient of Linear thermal expansion	IS 13630 (P 4)
245	MECHANICAL- BUILDINGS MATERIALS	Ceramic Porcelian / Floor / Wall Tiles	Crazing Resistance	IS 13630 (Part 9)
246	MECHANICAL- BUILDINGS MATERIALS	Ceramic Porcelian / Floor / Wall Tiles	Deviation in Length	IS 13630 (P 1)

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247	MECHANICAL- BUILDINGS MATERIALS	Ceramic Porcelian / Floor / Wall Tiles	Deviation in Thickness	IS 13630(P 1)
248	MECHANICAL- BUILDINGS MATERIALS	Ceramic Porcelian / Floor / Wall Tiles	Deviation in Width	IS 13630 (P 1)
249	MECHANICAL- BUILDINGS MATERIALS	Ceramic Porcelian / Floor / Wall Tiles	Flexural Breaking Strength	IS 13630 (P 6)
250	MECHANICAL- BUILDINGS MATERIALS	Ceramic Porcelian / Floor / Wall Tiles	Modulus of Rupture	IS 13630 (Part 6)
251	MECHANICAL- BUILDINGS MATERIALS	Ceramic Porcelian / Floor / Wall Tiles	Moisture Expansion	IS 13630 (P 3)
252	MECHANICAL- BUILDINGS MATERIALS	Ceramic Porcelian / Floor / Wall Tiles	Rectangularity	IS 13630 (P 1)
253	MECHANICAL- BUILDINGS MATERIALS	Ceramic Porcelian / Floor / Wall Tiles	Resistance to deep abrasion	IS 13630 (P 11)
254	MECHANICAL- BUILDINGS MATERIALS	Ceramic Porcelian / Floor / Wall Tiles	Scratch Hardness of surface according to Mohr's scale	IS 13630 (Part 13)
255	MECHANICAL- BUILDINGS MATERIALS	Ceramic Porcelian / Floor / Wall Tiles	Straightness of sides	IS 13630 (P 1)
256	MECHANICAL- BUILDINGS MATERIALS	Ceramic Porcelian / Floor / Wall Tiles	Surface Flatness- Centre Curvature	IS 13630 (P 1)
257	MECHANICAL- BUILDINGS MATERIALS	Ceramic Porcelian / Floor / Wall Tiles	Surface Flatness- Edge Curvature	IS 13630 (P 1)
258	MECHANICAL- BUILDINGS MATERIALS	Ceramic Porcelian / Floor / Wall Tiles	Surface Flatness- Warpage	IS 13630 (P 1)
259	MECHANICAL- BUILDINGS MATERIALS	Ceramic Porcelian / Floor / Wall Tiles	Surface Quality	IS 13630 (P 1)
260	MECHANICAL- BUILDINGS MATERIALS	Ceramic Porcelian / Floor / Wall Tiles	Water Absorption percent ny weight	IS 13630 (Part 2)
261	MECHANICAL- BUILDINGS MATERIALS	Ceramic Porcelian Tiles	Bulk Density	IS 13630 : Part 2
262	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement ConcreteTiles	Diamension: Length	IS 13801
263	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement ConcreteTiles	Diamension: Thickness	IS 13801
264	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement ConcreteTiles	Diamension: Width	IS 13801
265	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement ConcreteTiles	Flatness of the Tile Surface	IS 13801 (2018)

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266	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement ConcreteTiles	Perpendicularity	IS 13801
267	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement ConcreteTiles	Straightness	IS 13801
268	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement ConcreteTiles	Resistance to wear	IS 13801
269	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement ConcreteTiles	Water absorption	IS 13801
270	MECHANICAL- BUILDINGS MATERIALS	Chequered Cement ConcreteTiles	Wet Transverse test	IS 13801
271	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 % Fine value	IS 2386 (Part 4)
272	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Resistance (Los Angele’s abrasion value)	IS 2386 (Part 4)
273	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
274	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density (Rodded)	IS 2386 (P 3)
275	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
276	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
277	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
278	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
279	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 (Part 1)
280	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
281	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
282	MECHANICAL- BUILDINGS MATERIALS	Concrete Beam	Flexural Strength	IS 516
283	MECHANICAL- BUILDINGS MATERIALS	Concrete core	Compressive strength	IS 516

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284	MECHANICAL- BUILDINGS MATERIALS	Concrete Cover Block	Compressive Strength on cubes at least 28 days age in (N/mm^2)	BS 1881-108 BS 1881-111 BS 1881-116
285	MECHANICAL- BUILDINGS MATERIALS	Concrete Cover Block	Diamension- Height	BS 7973-1
286	MECHANICAL- BUILDINGS MATERIALS	Concrete Cover block	Load bearing capacity : permanent defection in mm	BS 7973-1 Annex.A
287	MECHANICAL- BUILDINGS MATERIALS	Concrete cube	Compressive strength	IS 516
288	MECHANICAL- BUILDINGS MATERIALS	Concrete cube	Compressive strength by Accel. method	IS 9013
289	MECHANICAL- BUILDINGS MATERIALS	Concrete Pavement	Gradation of DLC Aggregate	IS 2386(P 1)
290	MECHANICAL- BUILDINGS MATERIALS	Concrete Pavement	Gradation of PQC Coarse Aggregate	IS 2386 Part1
291	MECHANICAL- BUILDINGS MATERIALS	Concrete Pavement	Gradation of PQC Fine Aggregate	IS 2386 (Part 1)
292	MECHANICAL- BUILDINGS MATERIALS	Concrete Pipe	Water Absorption test	IS 1292
293	MECHANICAL- BUILDINGS MATERIALS	DLC Aggregate	Compressive Strength of DLC Aggregate	IS 516
294	MECHANICAL- BUILDINGS MATERIALS	Door Shutter (Flushed)	Misuse Test	IS 4020 (P 11)
295	MECHANICAL- BUILDINGS MATERIALS	Door Shutter (Flushed)	Buckling resistance	IS 4020 (P 9)
296	MECHANICAL- BUILDINGS MATERIALS	Door Shutter (Flushed)	Diamension - Height mm	IS 4020 (P 2)
297	MECHANICAL- BUILDINGS MATERIALS	Door Shutter (Flushed)	Diamension - Width mm	IS 4020 (P 2)
298	MECHANICAL- BUILDINGS MATERIALS	Door Shutter (Flushed)	End immersion test	IS 4020 (P 13)
299	MECHANICAL- BUILDINGS MATERIALS	Door Shutter (Flushed)	Flexural strength	IS 4020 (P 6)
300	MECHANICAL- BUILDINGS MATERIALS	Door Shutter (Flushed)	Glue adhesion test	IS 4020 (P15)
301	MECHANICAL- BUILDINGS MATERIALS	Door Shutter (Flushed)	Knife test	IS 4020(P 14)

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302	MECHANICAL- BUILDINGS MATERIALS	Door Shutter (Flushed)	Local Planeness,mm	IS 4020 (P 4)
303	MECHANICAL- BUILDINGS MATERIALS	Door Shutter (Flushed)	Screw withdrawal resistance	IS 4020 (P16)
304	MECHANICAL- BUILDINGS MATERIALS	Door Shutter (Flushed)	Shock resistance	IS 4020 (P 8)
305	MECHANICAL- BUILDINGS MATERIALS	Door Shutter (Flushed)	Slamming test	IS 4020 (P 10)
306	MECHANICAL- BUILDINGS MATERIALS	Door Shutter (Flushed)	Diamension - Thickness mm	IS 4020 (P 2)
307	MECHANICAL- BUILDINGS MATERIALS	Door Shutter (Flushed)	Edge loading,mm	IS 4020 (P 7)
308	MECHANICAL- BUILDINGS MATERIALS	Door Shutter (Flushed)	General flatness,mm	IS 4020 (P 3)
309	MECHANICAL- BUILDINGS MATERIALS	Door Shutter (Flushed)	Impact Indentation,mm	IS 4020 (P 5)
310	MECHANICAL- BUILDINGS MATERIALS	Doors shutter (Flushed)	Squareness	IS 4020 (P2)
311	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Coagulation of Emulsion	IS 3117
312	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Miscibility with water	IS : 8887 Annex H
313	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Particle Charge	IS 8887
314	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Residue on 600 micron(%)	IS 8887
315	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Stability to mixing with cement (%)	IS 8887
316	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Storage stability after 24h (%)	IS : 8887
317	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Viscosity by Say bolt Furol Viscometer	IS 3117
318	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Water Content	IS 8887
319	MECHANICAL- BUILDINGS MATERIALS	Emulsion -Residue	Ductility at 27 deg C	IS 1208
320	MECHANICAL- BUILDINGS MATERIALS	Emulsion -Residue	Residue by Evaporation(%)	IS 8887

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321	MECHANICAL- BUILDINGS MATERIALS	Emulsion- Residue	Solubility in trichloroethylene	IS 1216
322	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Dry)	IS 2386 (Part 3)
323	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk age	IS 2386 (Part 3)
324	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density (Rodded)	IS 2386 (P3)
325	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 micron	IS 2386 (Part 1)
326	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (Part 1)
327	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
328	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Surface Moisture By weight	IS 2386 : 1963
329	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
330	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Surface Moisture by Volume	IS 2386 : 1963
331	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727
332	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Density	IS 1727
333	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Final Setting Time	IS 1727
334	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Blaine's Air Permeability	IS 1727
335	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by dry Sieving	IS 1727
336	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Initial Setting Time	IS 1727
337	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Lime Reactivity	IS 1727
338	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Residue on 45 micron IS Sieve	IS 1727
339	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by Autoclave	IS 1727

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340	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by Le- Chatelier's Method	IS 1727
341	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS 1727
342	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Transverse Strength	IS 1727
343	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Air Content of Fresh Concrete	IS 1199 (P4)
344	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Bleeding Percent	IS 9103 Annx D
345	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Consistancy of Concrete	IS 1199 (P 2)
346	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Density of Fresh Concrete	IS 1199 (P3)
347	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Passing Ability by L Box	IS 9103
348	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Segregation Resistance by V Funnel	IS 9103
349	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Setting time test on fresh concrete	IS 1199 (P 7)
350	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Flow by Abrams Cone	IS 9103
351	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Work ability- Slump test	IS 1199 (P 5)
352	MECHANICAL- BUILDINGS MATERIALS	Fusion bonded Epoxy coated bar	Adhesion of Coating	IS 15659(Part 2)
353	MECHANICAL- BUILDINGS MATERIALS	Fusion Bonded Epoxy Coated Bars	Coating Thickness	IS 15659(Part 2)
354	MECHANICAL- BUILDINGS MATERIALS	Glass Beads (Traffic Signs)	Sieve Analysis	IS 2386(P 1)
355	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blastfurnace Slag (GGBS)	Compressive Strength (Controlled Mix)	BS 6699
356	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blastfurnace Slag (GGBS)	Compressive Strength (Test Mix)	BS 6699
357	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blastfurnace Slag (GGBS)	Final Setting Time	BS 6699
358	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blastfurnace Slag (GGBS)	Initial Setting Time	BS 6699

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359	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blastfurnace Slag (GGBS)	Residue on 45 micron	BS 6699
360	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blastfurnace Slag (GGBS)	Slag Activity Test	IS 4031 (Part 6)
361	MECHANICAL- BUILDINGS MATERIALS	GSB MIX	Sieve Analysis	IS 2386(P 1)
362	MECHANICAL- BUILDINGS MATERIALS	GSB MIX	Aggregate Impact Value	IS 2386 (P 4)
363	MECHANICAL- BUILDINGS MATERIALS	GSB MIX	Aggregate Wet Impact Value (if WA >2%)	IS 5640
364	MECHANICAL- BUILDINGS MATERIALS	GSB MIX	Water Absorption	IS 2386(Part 3)
365	MECHANICAL- BUILDINGS MATERIALS	GSB MIX	Wet Impact test	IS 5640
366	MECHANICAL- BUILDINGS MATERIALS	GSB MIX (Embankment construction)	Bulk Density	IS 2386 (P 3)
367	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Compressive Strength	IS 2542(Part 1 / Sect 5)
368	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Dry bulk density	IS 2542(Part 1 / Sect 12)
369	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Dry set Density	IS 2542(Part 1 / Sect 5)
370	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Expansion	IS 2542(Part 1 / Sect 9)
371	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Flexural Strength	IS 2542(Part 1 / Sect 7)
372	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Freedom from coarse particle	IS 2542(Part 1 / Sect 8)
373	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Mechanical resistance by dropping ball test	IS 2542(Part 1 / Sect 7)
374	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Normal consistancy	IS 2542(Part 1 / Sect 1)
375	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Setting Time	IS 2542(Part 1 / Sect 3)
376	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Soundness	IS 2542(Part 1 / Sect 6)
377	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Transverse Strength	IS 2542(Part 1 / Sect 4)

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378	MECHANICAL- BUILDINGS MATERIALS	Gypsum Plaster	Wood Fiber content	IS 2542(Part 1 / Sect 7)
379	MECHANICAL- BUILDINGS MATERIALS	Harden Concrete	Cover Depth & Rainforcement detailing	BS 1881 (P 204)
380	MECHANICAL- BUILDINGS MATERIALS	Harden Concrete	Density of concrete	IS 516 : Part 2 : Sec 1
381	MECHANICAL- BUILDINGS MATERIALS	Harden Concrete	Depth of water penetration under pressure	IS 516 (P 2) Sec 1
382	MECHANICAL- BUILDINGS MATERIALS	Harden Concrete	Drying Shrinkage	IS 516 (P 6)
383	MECHANICAL- BUILDINGS MATERIALS	Harden Concrete	Initial surface absorption test (ISAT)	BS 1881 (P 208)
384	MECHANICAL- BUILDINGS MATERIALS	Harden Concrete	Modulus of elastcity in compression	IS 516 (P 8) SEC 1
385	MECHANICAL- BUILDINGS MATERIALS	Harden Concrete	Moisture movement of concrete samples	IS 516 (P 6)
386	MECHANICAL- BUILDINGS MATERIALS	Harden Concrete	Rapid chloride penetration test (RCPT)	ASTM 1202
387	MECHANICAL- BUILDINGS MATERIALS	Harden Concrete	Water absorption	BS 1881(P 122)
388	MECHANICAL- BUILDINGS MATERIALS	Harden Concrete	Water Permeability	DIN 1048(P 5)
389	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Compressive Strength	IS 2185 (Part 1)
390	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Density	IS 2185 (Part 1)
391	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Diamension : Height	IS 2185(P 1)
392	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Diamension: Length	IS 2185(P 1)
393	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Diamension: Width	IS 2185(P 1)
394	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Drying Shrinkage or Moisture Movement	IS 2185(P 1)
395	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Water Absorption	IS 2185 (Part 1)
396	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement Grout (Non- shrink) / Cementitious Grout	Density	ISO 13007 (P 4)

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397	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement Grout (Non- shrink) / Cementitious Grout	Expansion	ASTM C 1107/ C 1107M
398	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement Grout (Non- shrink) / Cementitious Grout	Flexural Strength	ISO 13007(Part 4)
399	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement Grout (Non- shrink) / Cementitious Grout	Flow,mm	ASTM C 1107/ C 1107M
400	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement Grout (Non- shrink) / Cementitious Grout	Pot Life	BS EN 1015
401	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement Grout (Non- shrink) / Cementitious Grout	Resistance to abrasion	ISO 13007 (Part 4)
402	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement Grout (Non- shrink) / Cementitious Grout	Shrinkage	ISO 13007 (Part 4)
403	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement Grout (Non- shrink) / Cementitious Grout	Tensile Strength	ISO 13007 (Part 4)
404	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement Grout (Non- shrink) / Cementitious Grout	Transverse Deformation	ISO 13007 (P 4)
405	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement Grout (Non- shrink) / Cementitious Grout	Water Absorption	ISO 13007 (Part 4)
406	MECHANICAL- BUILDINGS MATERIALS	Hydraulic Cement Grout (Non- shrink) / Cementitious Grout	Water Demand	BS EN 1015
407	MECHANICAL- BUILDINGS MATERIALS	Integral waterproofing compound	Initial Setting Time	IS 2645
408	MECHANICAL- BUILDINGS MATERIALS	Integral waterproofing compound	Compressive Strength	IS 2645
409	MECHANICAL- BUILDINGS MATERIALS	Integral waterproofing compound	Final Setting Time	IS 2645
410	MECHANICAL- BUILDINGS MATERIALS	Integral waterproofing compound	Permeability to water : a. Without compound	IS 2645
411	MECHANICAL- BUILDINGS MATERIALS	Integral waterproofing compound	Permeability to water: a With compound	IS 2645
412	MECHANICAL- BUILDINGS MATERIALS	Joint Filler	Binder Content	IS 1838
413	MECHANICAL- BUILDINGS MATERIALS	Joint filler	Density of joint filler	IS1838
414	MECHANICAL- BUILDINGS MATERIALS	Joint Filler	Penetration	IS 1838
415	MECHANICAL- BUILDINGS MATERIALS	Kerb Stone	Diamensions a. : Height,mm	IS 5758

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416	MECHANICAL- BUILDINGS MATERIALS	Kerb Stone	Diamensions a. :Length	IS 5758
417	MECHANICAL- BUILDINGS MATERIALS	Manhole Cover	Diaension : Thickness	IS 12592(P 1)
418	MECHANICAL- BUILDINGS MATERIALS	Manhole Cover	Diamension : Diameter	IS 12592(P 1)
419	MECHANICAL- BUILDINGS MATERIALS	Manhole Cover	Diamension: Length	IS 12592(P 1)
420	MECHANICAL- BUILDINGS MATERIALS	Manufactured Sand	Bulking of Sand	IS 2386 (P 3)
421	MECHANICAL- BUILDINGS MATERIALS	Manufactured Sand	Clay, Fine silt and Fine dust	IS 2386(P 3)
422	MECHANICAL- BUILDINGS MATERIALS	Manufactured Sand	Dry Loose Bulk Density	IS 2386(P 3)
423	MECHANICAL- BUILDINGS MATERIALS	Manufactured Sand	Sieve Analysis	IS 2386 P1
424	MECHANICAL- BUILDINGS MATERIALS	Manufactured Sand	Specific Gravity	IS 2386 P3:
425	MECHANICAL- BUILDINGS MATERIALS	Manufactured sand	Water Absorption	IS 2386(P 3)
426	MECHANICAL- BUILDINGS MATERIALS	MF Putti	Bulk Density	EN 1015 (P 2)
427	MECHANICAL- BUILDINGS MATERIALS	MF Putti	Compressive Strength	EN 1015: 11
428	MECHANICAL- BUILDINGS MATERIALS	MF Putti	Dry adhesion (2 mm thick on concrete)	ASTM 4541 & EN 1015 :12
429	MECHANICAL- BUILDINGS MATERIALS	MF Putti	Flexural Strength	EN 1015:11
430	MECHANICAL- BUILDINGS MATERIALS	MF Putti	Initial Setting Time	IS 4031(P 5)
431	MECHANICAL- BUILDINGS MATERIALS	MF Putti	Pot Life in Minutes	IS 4031 (P 5)
432	MECHANICAL- BUILDINGS MATERIALS	MF Putti	Water absorption	EN 1015: 18
433	MECHANICAL- BUILDINGS MATERIALS	MF Putti	Water Demand	IS 4031(P 5)
434	MECHANICAL- BUILDINGS MATERIALS	MF Putti	Water retentively	EN 1015: 8

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435	MECHANICAL- BUILDINGS MATERIALS	MF Putti	Wet Density	EN 1015 (P 2)
436	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Compressive Strength (Controlled Mix)	IS 1727
437	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Compressive Strength (Test Mix)	IS 1727
438	MECHANICAL- BUILDINGS MATERIALS	Micro Silica	Residue on 45 micron	IS 1727
439	MECHANICAL- BUILDINGS MATERIALS	Morter / Ready Mix Plaster	Compressive Strength	EN 1015 -11
440	MECHANICAL- BUILDINGS MATERIALS	Morter / Ready Mix Plaster	Final setting Time	IS 4031 Part 5
441	MECHANICAL- BUILDINGS MATERIALS	Morter / Ready Mix Plaster	Flexural strength	EN 1015 -11
442	MECHANICAL- BUILDINGS MATERIALS	Morter / Ready Mix Plaster	Flow in mm	IS 2250
443	MECHANICAL- BUILDINGS MATERIALS	Morter / Ready Mix Plaster	Pull of adhesion	ASTM D 4541
444	MECHANICAL- BUILDINGS MATERIALS	Morter / Ready Mix Plaster	Splitting tensile strength	ASTM C 1660
445	MECHANICAL- BUILDINGS MATERIALS	Morter / Ready Mix Plaster	Water retentivity	EN 1015-8
446	MECHANICAL- BUILDINGS MATERIALS	Morter / Ready Mix Plaster	Workable life	EN 1015 -9
447	MECHANICAL- BUILDINGS MATERIALS	Morter / Ready Mix Plaster	Initial Setting time	IS 4031Part 5
448	MECHANICAL- BUILDINGS MATERIALS	Pavement Block	Abrasion Resistance	IS 15658
449	MECHANICAL- BUILDINGS MATERIALS	Pavement Block	Diamension : Thickness	IS 15658
450	MECHANICAL- BUILDINGS MATERIALS	Pavement Block	Diamension : Width	IS 15658
451	MECHANICAL- BUILDINGS MATERIALS	Pavement Block	Flexural Strength	IS 15658
452	MECHANICAL- BUILDINGS MATERIALS	Pavement Block	Plane area of paving block	IS 15658
453	MECHANICAL- BUILDINGS MATERIALS	Pavement Block	Tensile Spilling Strength	IS 15658

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454	MECHANICAL- BUILDINGS MATERIALS	Pavement Block	Thickness of wearing layer	IS 15658
455	MECHANICAL- BUILDINGS MATERIALS	Paving Block	Corrected Compressive strength	IS 15658
456	MECHANICAL- BUILDINGS MATERIALS	Paving Block	Water Absorption	IS 15658
457	MECHANICAL- BUILDINGS MATERIALS	Properties of Bituminous mixes -BM,DBM.SDBC,BC,Mastic Asphalt, Seal Coat,Tack Coat	Binder Content	ASTM D 2172
458	MECHANICAL- BUILDINGS MATERIALS	Properties of Bituminous mixes -BM,DBM.SDBC,BC,Mastic Asphalt, Seal Coat,Tack Coat	Sieve Analysis	IS 2386 (P-1)
459	MECHANICAL- BUILDINGS MATERIALS	Properties of Bituminous mixes -BM,DBM.SDBC,BC,Mastic Asphalt, Seal Coat,Tack Coat	Tensile Strength Ratio	AASHTO T 2 AND 3
460	MECHANICAL- BUILDINGS MATERIALS	Properties of Bituminous mixes -BM,DBM.SDBC,BC.	Coating & Stripping of Bitumen Aggregate Mix	IS 6241
461	MECHANICAL- BUILDINGS MATERIALS	Properties of Bituminous mixes -BM,DBM.SDBC,BC.	Density of Compacted Mix	ASTM D 2172
462	MECHANICAL- BUILDINGS MATERIALS	Properties of Bituminous mixes -BM,DBM.SDBC,BC.	Marshall Quotient	ASTM D 2041
463	MECHANICAL- BUILDINGS MATERIALS	Properties of Bituminous mixes -DBM.SDBC,BC,	% Air Voids	ASTM D 2041
464	MECHANICAL- BUILDINGS MATERIALS	Properties of Bituminous mixes -DBM.SDBC,BC.	Flow percentage	AASHTOT-245(13.2.15)
465	MECHANICAL- BUILDINGS MATERIALS	Properties of Bituminous mixes -DBM.SDBC,BC.	Marshall Stability	AASHTOT-245 (13.2.15)
466	MECHANICAL- BUILDINGS MATERIALS	Properties of Bituminous mixes -DBM.SDBC,BC.	Max Specific Gravity (Gmm)	ASTMD 2041
467	MECHANICAL- BUILDINGS MATERIALS	PVC Cover Block	Ash Content (%)	ASTMD 5630
468	MECHANICAL- BUILDINGS MATERIALS	PVC Cover Block	Compressive Strength	ASTM D 695
469	MECHANICAL- BUILDINGS MATERIALS	Reinforced Structural Member (Cover Block)	Deflection	BS 7973 : 2001
470	MECHANICAL- BUILDINGS MATERIALS	Sand For Plaster	Compressive Strength	IS 2250
471	MECHANICAL- BUILDINGS MATERIALS	Tile Adhesive	Adjustment Time	IS 15477
472	MECHANICAL- BUILDINGS MATERIALS	Tile Adhesive	Deformability	IS 15477

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473	MECHANICAL- BUILDINGS MATERIALS	Tile Adhesive	Open Time	IS 15477
474	MECHANICAL- BUILDINGS MATERIALS	Tile Adhesive	Shear Adhesion Strength : Heat aging condition	IS 15477
475	MECHANICAL- BUILDINGS MATERIALS	Tile Adhesive	Shear Adhesion strength : Wet Condition	IS 15477
476	MECHANICAL- BUILDINGS MATERIALS	Tile Adhesive	Shear Adhesion strength: Dry condition	IS 15477
477	MECHANICAL- BUILDINGS MATERIALS	Tile Adhesive	Slip Test	IS 15477
478	MECHANICAL- BUILDINGS MATERIALS	Tile Adhesive	Tensile Adhesion strength a)Dry condition	IS 15477
479	MECHANICAL- BUILDINGS MATERIALS	Tile Adhesive	Tensile Adhesion strength b)Wet condition	IS 15477
480	MECHANICAL- BUILDINGS MATERIALS	UGGBS	Compressive Strength	IS 16715
481	MECHANICAL- BUILDINGS MATERIALS	UGGBS	Moisture Content	IS 16715
482	MECHANICAL- BUILDINGS MATERIALS	UGGBS	Particle Size	IS 16715
483	MECHANICAL- BUILDINGS MATERIALS	UGGBS	Slag Activity Index	IS 16715
484	MECHANICAL- BUILDINGS MATERIALS	Wall Putti	Bulk Density	BS EN 1015
485	MECHANICAL- BUILDINGS MATERIALS	Wall Putti	Compressive strength	EN 1015 (P-11)
486	MECHANICAL- BUILDINGS MATERIALS	Wall Putti	Dry Adhesion (2 mm thick on concrete)	BS EN 1015
487	MECHANICAL- BUILDINGS MATERIALS	Wall Putti	Flexural strength	BS EN 1015
488	MECHANICAL- BUILDINGS MATERIALS	Wall Putti	Initial Setting Time	IS 4031 (P 5)
489	MECHANICAL- BUILDINGS MATERIALS	Wall Putti	Pot life / Workable life	BS EN 1015
490	MECHANICAL- BUILDINGS MATERIALS	Wall Putti	Residue on 240 micron	IS 4031 (Part 5)
491	MECHANICAL- BUILDINGS MATERIALS	Wall Putti	Water Absorption Coefficient	BS EN 1015

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492	MECHANICAL- BUILDINGS MATERIALS	Wall Putti	Water Demand	IS 63
493	MECHANICAL- BUILDINGS MATERIALS	Wall Putti	Water retentively %	BS EN 1015
494	MECHANICAL- BUILDINGS MATERIALS	Wall Putti	Wet Density	BS EN 1015
495	MECHANICAL- BUILDINGS MATERIALS	WBM Screening	Aggregate Impact Value	IS 2386(P 4)
496	MECHANICAL- BUILDINGS MATERIALS	WBM Screening	Combined EI & FI	IS 2386(P 1)
497	MECHANICAL- BUILDINGS MATERIALS	WBM Screening	Los Angeles Abrasion Value	IS 2386 (P 4)
498	MECHANICAL- BUILDINGS MATERIALS	WBM Screening	Sieve Analysis	IS 2386 (P 1)
499	MECHANICAL- BUILDINGS MATERIALS	WBM Screening	Water absorption	IS 2386(P 3)
500	MECHANICAL- BUILDINGS MATERIALS	White Cement	Compressive Strength	IS 4031 (P 6)
501	MECHANICAL- BUILDINGS MATERIALS	White Cement	Final Setting Time	IS 4031(P 5)
502	MECHANICAL- BUILDINGS MATERIALS	White Cement	Fineness by Blaine's Air Permeability	IS 4031 (P 2)
503	MECHANICAL- BUILDINGS MATERIALS	White Cement	Initial Setting Time	IS 4031(P 5)
504	MECHANICAL- BUILDINGS MATERIALS	White Cement	Soundness by Le- Chatelier Method	IS 4031(P 3)
505	MECHANICAL- BUILDINGS MATERIALS	White Cement	Standard Consistancy	IS 4031(P 4)
506	MECHANICAL- BUILDINGS MATERIALS	WMM MIX	Aggreegate Impact Value	IS 2386 (P 4)
507	MECHANICAL- BUILDINGS MATERIALS	WMM MIX	Combined EI & FI	IS 2386(P 1)
508	MECHANICAL- BUILDINGS MATERIALS	WMM MIX	Los Angeles Abrasion value	IS 2386 (P 4)
509	MECHANICAL- BUILDINGS MATERIALS	WMM MIX	Sieve Analysis	IS 2386 (P1)
510	MECHANICAL- BUILDINGS MATERIALS	WMM MIX	Water Absorption	IS 2386(P 3)

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511	MECHANICAL- BUILDINGS MATERIALS	WMM MIX (Embankment Construction)	Bulk Density	IS 2386 (P 3)
512	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Binding wire	Mass per meter	IS 1786 Cl 7.2
513	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Binding wire	Tensile Strength	IS 1608 (P 1)
514	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Binding wire	Yield strength	IS 1608(P 1)
515	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coupler Bar	Percentage Elongation	IS 16172
516	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coupler Bar	Tensile Strngth	IS 1608 (P 1)
517	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Coupler Bar	Yield Strength(MPa)	IS 16172
518	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials alloys & products	Vickers Hardness Test (HV 5)	ASTM E92 : 2017
519	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloy & products	Rockwell Hardness (HRBW)	ISO 6508-1
520	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & Products	Brinell Hardness (HBW 10/3000)	ISO 6506-1
521	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Brinell Hardness Test (HBW 10/3000)	IS 1500 Part 1
522	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Charpy Impact test (V Notch)	IS 1757
523	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Charpy Impact Test (V Notch)	ISO 148-1
524	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Erichsen Cupping Test	IS 10175

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525	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRA)	ASTM E-18
526	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRA)	IS 1586 Part -1
527	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRBW)	IS 1586 part -1
528	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRC)	IS 1586 Part 1
529	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRC)	ISO 6508-1
530	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness Test (HV 5)	ISO 6507-1 : 2005
531	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials,alloy & products	Brinell Hardness (HBW 10/3000)	ASTM E-10
532	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials,alloys & Product	Vickers Hardness Test (HV 5)	IS 1501 Part 1 :
533	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal , Alloys & Products (High Strength Deformed Steel Bar/mild steel/ Structural Steel)	% Elongation	IS 1608 (Part 1)
534	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal , Alloys & Products (High Strength Deformed Steel Bar/mild steel/ Structural Steel)	0.2 % Proof stress	IS 1608 (Part 1)
535	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal , Alloys & Products (High Strength Deformed Steel Bar/mild steel/ Structural Steel)	Bend Test	IS 1599
536	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal , Alloys & Products (High Strength Deformed Steel Bar/mild steel/ Structural Steel)	Rebend Test	IS 1786
537	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal , Alloys & Products (High Strength Deformed Steel Bar/mild steel/ Structural Steel)	Ultimate Tensile Strength	IS 1608 (Part 1)
538	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal , Alloys & Products (High Strength Deformed Steel Bar/mild steel/ Structural Steel)	Weight per Meter	IS 1786

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539	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Product / Steel Structure	Dye Penetrant Test (DPT)	IS 3658
540	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel Tube	0.2 % Proof / Yield Stress	IS 1608 Part 1
541	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel Tube	Percentage Elongation	IS 1608 (P 1)
542	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mild Steel Tube	Ultimate Tensile Strength	IS 1608 (Part 1)
543	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven-Wire (Ply) Strand for Prestressed Concrete	0.2 % Proof Load(kN)	IS 1608(P 1)
544	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven-Wire (Ply) Strand for Prestressed Concrete	Average Dia of Surrounding Wire	IS 14268 Annx A
545	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven-Wire (Ply) Strand for Prestressed Concrete	Breaking Strength	IS IS 1608 (P1)
546	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven-Wire (Ply) Strand for Prestressed Concrete	Dia of Centre Wire	IS 14268 Annx A
547	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven-Wire (Ply) Strand for Prestressed Concrete	Elongation in %	IS 14268 Annx A
548	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven-Wire (Ply) Strand for Prestressed Concrete	Lay Length	IS 14268 Annx A
549	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven-Wire (Ply) Strand for Prestressed Concrete	Nominal Area of Strand	IS 14268 Annx A
550	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven-Wire (Ply) Strand for Prestressed Concrete	Nominal Diameter	IS 14268 Annx A
551	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven-Wire (Ply) Strand for Prestressed Concrete	Nominal Mass per Length	IS 14268 Annx B
552	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Seven-Wire (Ply) Strand for Prestressed Concrete	Percent difference in diameter of centre wire and surrounding wire	IS 14268 Annx A

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553	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness - Wet - To pass through 150 micron IS sieve ,percent	IS 6186
554	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness - Wet-To pass through 45 micron IS sieve , percent by mass	IS 6186
555	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness :Dry -To pass through 150 micron	IS 6186
556	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness Dry : To pass through 75 micron IS sieve	IS 6186
557	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture percent by mass	IS 6186
558	MECHANICAL- SOIL AND ROCK	Bentonite	pH	IS 6186
559	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content percent by mass	IS 6186
560	MECHANICAL- SOIL AND ROCK	Cement Treated Base (20 mm, 10mm,crushed sand)	Liquid Limit	IS 2720 (P 5)
561	MECHANICAL- SOIL AND ROCK	Cement Treated Base (20 mm, 10mm,crushed sand)	Maximum Dry Density	IS 2720(P 8)
562	MECHANICAL- SOIL AND ROCK	Cement Treated Base (20 mm, 10mm,crushed sand)	Optimum Moisture Content	IS 2720(P8)
563	MECHANICAL- SOIL AND ROCK	Cement Treated Base (20 mm, 10mm,crushed sand)	Plastic Limit	IS 2720(P 5)
564	MECHANICAL- SOIL AND ROCK	Cement Treated Base (20 mm, 10mm,crushed sand)	Plasticity Index	IS 2720(P 5)
565	MECHANICAL- SOIL AND ROCK	Cement Treated Base (20 mm, 10mm,crushed sand)	Unconfine Compressive Strength	IS 9143
566	MECHANICAL- SOIL AND ROCK	GSB MIX	CBR	IS 2720 (P 5)
567	MECHANICAL- SOIL AND ROCK	GSB MIX	Liquid Limit	IS 2720(P 5)
568	MECHANICAL- SOIL AND ROCK	GSB MIX	MDD	IS 2720 (P 8)
569	MECHANICAL- SOIL AND ROCK	GSB MIX	OMC	IS 2020(P 8)
570	MECHANICAL- SOIL AND ROCK	GSB MIX	Plasticity Index	IS 2720(P 5)

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571	MECHANICAL- SOIL AND ROCK	GSB MIX (Embankment construction)	Free Swell Index	IS 2720 (P 40)
572	MECHANICAL- SOIL AND ROCK	Murum Testing(Back Fill Material)	Gradation	IS 2720 (P 4)
573	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Moh's Hardness	IS 13630(P13)
574	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Specific Gravity	IS 1122
575	MECHANICAL- SOIL AND ROCK	Natural Building Stone	True Specific Gravity	IS 1122
576	MECHANICAL- SOIL AND ROCK	Natural Building Stone and Rock	Porosity	IS 1124
577	MECHANICAL- SOIL AND ROCK	Natural Building Stone and Rock	Water Absorption	IS 1124
578	MECHANICAL- SOIL AND ROCK	Rock	Brazilian Test	IS 10082
579	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
580	MECHANICAL- SOIL AND ROCK	Rock	Hardness on Moh's Scale	IS 13630(Part 13)
581	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index	IS 8764
582	MECHANICAL- SOIL AND ROCK	Rock	Rock Quality Designation	IS 11315 (P 11)
583	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 13030
584	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength of Rock	IS 9143
585	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
586	MECHANICAL- SOIL AND ROCK	Rock	Wet /Dry Density	IS 13030
587	MECHANICAL- SOIL AND ROCK	Soil	Percolation Test	IS 2470 P2 : 1985
588	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	CBR	IS 2720 (Part 16)
589	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Consolidation	IS 2720 (Part 15)

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590	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Free Swell Index	IS 2720 (Part 40)
591	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Grain Size Analysis	IS 2720 (Part 4)
592	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Heavy Compaction - MDD	IS 2720 (Part 8)
593	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Heavy Compaction - OMC	IS 2720 (Part 8)
594	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Hydrometer Analysis	IS 2720 (Part 4)
595	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Light Compaction - OMC	IS 2720 (Part 7)
596	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Light Compaction- MDD	IS 2720 (Part 7)
597	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Liquid Limit	IS 2720 (Part 5)
598	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Moisture content	IS 2720 (Part 2)
599	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Permeability Test	IS 2720(Part 17)
600	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Plastic Limit	IS 2720 (Part 5)
601	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Shrinkage Limit	IS 2720 (Part 6)
602	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Specific Gravity	IS 2720 (Part 3/Sec -1 & 2)
603	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Standard Penetration Test	IS 2131
604	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Swelling pressure test	IS 2720 (Part 41)
605	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Triaxial Shear Test (UU) (Without pore pressure) -C value	IS 2720 (Part 11)
606	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Triaxial Shear Test (UU) (Without pore pressure) -FI value	IS 2730 (Part 11)
607	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Unconfined Compressive strength	IS 2720 (Part 10)

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608	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Water Content	IS 2720(P 3/ SEC 1)
609	MECHANICAL- SOIL AND ROCK	WMM MIX (Embankment construction)	Free Swell Index	IS 2720 (P 40)
610	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Mycological test	IS 1659
611	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Test for adhesion of piles	IS 1659
612	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Test for determining dimensional changes (Length & Width)	IS 1659
613	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Test for modulus of rupture	IS 1659
614	MECHANICAL- WOOD AND WOOD PRODUCTS	Block Board	Test for thickness and variation in thickness	IS 1659
615	MECHANICAL- WOOD AND WOOD PRODUCTS	Particle Board	Density	IS 2380 (P 3)
616	MECHANICAL- WOOD AND WOOD PRODUCTS	Particle Board	Modulus of Rupture	IS 2380 (P 4)
617	MECHANICAL- WOOD AND WOOD PRODUCTS	Particle Board	Moisture Content	IS 2380 (P 3)
618	MECHANICAL- WOOD AND WOOD PRODUCTS	Particle Board	Swelling due to water	IS 2380(P 17)
619	MECHANICAL- WOOD AND WOOD PRODUCTS	Particle Board	Tensile Strength Parallel to surface	IS 2380(P 6)
620	MECHANICAL- WOOD AND WOOD PRODUCTS	Particle Board	Tensile Strength perpendicular to surface	IS 2380 (P 5)
621	MECHANICAL- WOOD AND WOOD PRODUCTS	Particle Board	Water absorption	IS 2380(P 16)
622	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Adhesion Of Piles	IS 1734(1 to 20)
623	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Compressive Strength	IS 1734(1 to 20)
624	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Density	IS 1734 (Part 1 to 20)
625	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Determination of panel shear strength	IS 1734(1 to 20)

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626	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Fire Resistance	IS 1734(1 to 20)
627	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Glue Shear Shrength	IS 1734(1 to 20)
628	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Impact resistance test	IS 1734(1 to 20)
629	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Moisture Content	IS 1734 (Part 1 to 20)
630	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Mycological Test	IS 1734(1 to 20)
631	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Nails and screw holding power	IS 1734(1 to 20)
632	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	pH value	IS 1734(1 to 20)
633	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Resistance to dry heat	IS 1734 (Part 1 to 20)
634	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Scarf joint strength	IS 1734(1 to 20)
635	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Static Bending Strength	IS 1734(1 to 20)
636	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Tensile Strength	IS 1734(1 to 20)
637	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Water Resistance	IS 1734 (Part 1 to 20)
638	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering Ply	Size Dimensional Change	IS 1734
639	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering Ply	Adhesion of Piles (Knife test)	IS 1734(P 5)
640	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering Ply	Glue Shear Strength Dry (N)	IS 1734(P 4)
641	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering Ply	Glue Shear Strength wet(N)	IS 1734(P 4)
642	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering Ply	Moisture Content	IS 1734(P1)
643	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering Ply	Resistance to Boiling water	IS 1734(P 6)
644	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering Ply	Squareness & Edge Strainghtness	IS 1734

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645	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering Ply	Static Bending Strength Dry MOE	IS 1734(P 11)
646	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering Ply	Static Bonding Strength Dry MOR	IS 1734(P 11)
647	MECHANICAL- WOOD AND WOOD PRODUCTS	Shuttering Ply	Tensile Strength	IS 1734(P 9)
648	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber	Moisture Content	IS 1708 (Part 1 to 18)
649	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber	Specific gravity	IS 1708 (Part 1 to 18)

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Site Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Anchor bars/Blot /Wire strand/ rock bolts	Pull out test	IS 11309
2	MECHANICAL- BUILDINGS MATERIALS	Coating on Concrete (Cement Base Wall Putty / Ready Mix Plaster / Jointing Mortar / Paint /Tile Adhesive/ Sand Plaster/Gypsum Plaster)	Pull off Adhesion	ASTM D 4541
3	MECHANICAL- SOIL AND ROCK	Rock	Core Recovery	IS 11315 Part 11
4	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Direct Shear Test (C value)	IS 2720 (Part 13)
5	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Direct Shear Test (FI Value)	IS 2720 (Part 13)
6	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	eV2/eV1 by Plate load test	DIN 18134
7	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Field CBR	IS 2720 (P31)
8	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Field Dry Density by Core cutting method	IS 2720 (Part 29)
9	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Field Dry Density by Sand Replacement method	IS 2720 (Part 28)
10	MECHANICAL- SOIL AND ROCK	Soil / Granular Material	Safe Bearing Capacity by Plate load test	IS 1888
11	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Cover Depth & Reinfocement detailing	Cover Depth & Reinfocement detailing	BS 1881(Part 204)
12	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Depth of a surface crack using UPV Measurement	Depth of a surface crack using UPV Measurement	IS 516 :(Part 5/ sec 1) Annx.C
13	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structural Members	Carbonation Test	BS 1881(Part 201)
14	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structural Members	Half- Cell Potential Test	ASTM C 876

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15	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structural Members	Pile Integrity Test (Pile Height: 2 m to 50 m)	IS 14893
16	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structural Members	Rebound Hammer Test	IS 516:(Part 5/ Sec 4)
17	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structural Members	Ultrasonic Pulse Velocity	IS 516(Part 5/Sec I)