National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : M.S. TEST HOUSE, ABHIYANTA NAGAR, Z-SECTOR, PLOT NO. 09, ASHIYANA NAGAR, PATNA, BIHAR, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	chloride	IS6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	PH	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Micro Silica	Alkali Content Na20	IS 1727; IS 4032
7	CHEMICAL- BUILDING MATERIAL	MICRO SILICA	Compressive Strength	IS 1727
8	CHEMICAL- BUILDING MATERIAL	Micro Silica	Loss on Ignition	IS 1727
9	CHEMICAL- BUILDING MATERIAL	Micro Silica	Moisture	IS 15388
10	CHEMICAL- BUILDING MATERIAL	Micro Silica	Residue 45 Micron	IS 1727
11	CHEMICAL- BUILDING MATERIAL	Micro Silica	Silicon oxide	IS 1727
12	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement, Portland Pozzolana Cement, Portlant Slag Cement	Alkali Content, K2O	IS: 4032
13	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement, Portland Pozzolana Cement, Portlant Slag Cement	Alkali Content, Na2O	IS: 4032
14	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement, Portland Pozzolana Cement, Portlant Slag Cement	Calcium Oxide, CaO	IS: 4032
15	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement, Portland Pozzolana Cement, Portlant Slag Cement	Insoluble Residue, IR	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement, Portland Pozzolana Cement, Portlant Slag Cement	Iron Oxide, Fe2O3	IS: 4032
17	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement, Portland Pozzolana Cement, Portlant Slag Cement	Loss on ignition, LOI	IS: 4032
18	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement, Portland Pozzolana Cement, Portlant Slag Cement	Magnesium Oxide, MgO	IS: 4032

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19	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement, Portland Pozzolana Cement, Portlant Slag Cement	Silica(SiO2)	IS: 4032
20	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement, Portland Pozzolana Cement, Portlant Slag Cement	Sulfuric anhydride, So3	IS: 4032
21	CHEMICAL- BUILDING MATERIAL	Ordinary Portland Cement, Portland Pozzolana Cement, Portlant Slag Cement	Total Chloride Content, Cl	IS: 4032
22	CHEMICAL- BUILDING MATERIAL	Pozollana Materials (Fly Ash)	Alkali Content k2O	IS 4032
23	CHEMICAL- BUILDING MATERIAL	Pozollana Materials (Fly Ash)	Alkali Content Na2O	IS 4032
24	CHEMICAL- BUILDING MATERIAL	Pozollana Materials (Fly Ash)	Iron Oxide	IS 1727
25	CHEMICAL- BUILDING MATERIAL	Pozollana Materials (Fly Ash)	Magnesium Oxide	IS 1727
26	CHEMICAL- BUILDING MATERIAL	Pozollana Materials (Fly Ash)	Moisture Content	IS 3812 (P-1)
27	CHEMICAL- BUILDING MATERIAL	Pozollana Materials (Fly Ash)	Silica	IS 1727
28	CHEMICAL- BUILDING MATERIAL	Pozollana Materials (Fly Ash)	Sulphuric Anhydride	IS 1727
29	CHEMICAL- BUILDING MATERIAL	Pozollana Materials (Fly Ash)	Total Chloride Content	IS 12423 ; IS 4032
30	CHEMICAL- BUILDING MATERIAL	Pozollana Materials (Fly Ash)C	Calcium Oxide,Cao	IS 1727
31	CHEMICAL- BUILDING MATERIAL	Pozollana Materials(Fly Ash)	Los on Ignition	IS 1727
32	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Aluminum Products	Anodic coating	IS 5523
33	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	GI Sheet/GI Wire/GI Pipe	Mass of Zinc Coating	IS:6745
34	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	GI Sheet/GI Wire/GI Pipe	Thickness of Zinc Coating	IS 1573
35	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	GI Sheet/GI Wire/GI Pipe	Uniformity of zinc coating	IS 2633

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36	CHEMICAL- METALS & ALLOYS	Steel	Carbon	IS:228 (Part 1)
37	CHEMICAL- METALS & ALLOYS	Steel	Manganese	IS:228 (Part 2)
38	CHEMICAL- METALS & ALLOYS	Steel	Phosphorus	IS:228 (Part 3)
39	CHEMICAL- METALS & ALLOYS	Steel	Silicon	IS:228 (Part 8)
40	CHEMICAL- METALS & ALLOYS	Steel	Sulphur	IS:228 (Part 9)
41	CHEMICAL- RESIDUES IN WATER	Water	Iron (as Fe)	IS:3025(Part-53)
42	CHEMICAL- RESIDUES IN WATER	Water	Potassium (as K)	IS:3025(Part-45)
43	CHEMICAL- RESIDUES IN WATER	Water	Sodium (as Na)	IS:3025(Part-45)
44	CHEMICAL- SOIL AND ROCK	Rock	Calcium Carbonate as CaCO3	IS 2720 (P-23)
45	CHEMICAL- SOIL AND ROCK	Rock	Organic Matter	IS 2720 (P-22)
46	CHEMICAL- SOIL AND ROCK	Rock	pH Value	IS 2720(P-26)
47	CHEMICAL- SOIL AND ROCK	Rock	Soluble Chloride	BS 1377(P-3)
48	CHEMICAL- SOIL AND ROCK	Rock	Soluble Sulphate (SO4)	IS 2720 (P-27)
49	CHEMICAL- SOIL AND ROCK	Rock	Total Soulube Soilds	IS 2720(P-21)
50	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonate as(CaCO3)	IS 2720 (P-23)
51	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (P-22)
52	CHEMICAL- SOIL AND ROCK	Soil	pH value	IS 2720 (P-26)
53	CHEMICAL- SOIL AND ROCK	Soil	Soluble Chloride	BS 1377 (P-3)
54	CHEMICAL- SOIL AND ROCK	Soil	Soluble Sulphate (SO4)	IS 2720 (P-27)

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55	CHEMICAL- SOIL AND ROCK	Soil	Total Soulube Soilds	IS 2720 (P-21)
56	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	IS 3025 (Part 40)
57	CHEMICAL- WATER	Drinking Water	Chloride (as Cl)	IS:3025(Part-32)
58	CHEMICAL- WATER	Drinking Water	Colour	IS:3025(Part-4)
59	CHEMICAL- WATER	Drinking Water	Conductivity	IS:3025(Part-14)
60	CHEMICAL- WATER	Drinking Water	Magnesium (as Mg)	IS:3025(Part-46)
61	CHEMICAL- WATER	Drinking Water	Odour	IS:3025(Part-5)
62	CHEMICAL- WATER	Drinking Water	pH	IS:3025 (Part 11)
63	CHEMICAL- WATER	Drinking Water	Phosphate (as P)	IS:3025(Part-31)
64	CHEMICAL- WATER	Drinking Water	Sulphate (as SO4)	IS:3025(Part-24)
65	CHEMICAL- WATER	Drinking Water	Total Alkalinity (as CaCO3)	IS:3025(Part-23)
66	CHEMICAL- WATER	Drinking Water	Total Dissolve Solid	IS:3025(Part-16)
67	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCo3)	IS:3025(Part-21)
68	CHEMICAL- WATER	Drinking Water	Total Suspended Solid	IS:3025(Part-15)
69	CHEMICAL- WATER	Drinking Water	Turbidity	IS:3025(Part-10)
70	CHEMICAL- WATER	Water for construction purpose	Chloride (as Cl)	IS:3025(Part-32)
71	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS:3025(Part-18)
72	CHEMICAL- WATER	Water for construction purpose	Limit of Acidity (Quantity of 0.02N NAOH Required to Neutralize 100 ml of Water)	IS:3025(Part-22)
73	CHEMICAL- WATER	Water for construction purpose	Limit of Alkalinity (Quantity of 0.02N H2SO4 Required to Neutralize 100 ml of Water)	IS:3025(Part-23)
74	CHEMICAL- WATER	Water for construction purpose	Organic Solid	IS:3025(Part-18)
75	CHEMICAL- WATER	Water for construction purpose	pH	IS:3025(Part-11)
76	CHEMICAL- WATER	Water for construction purpose	Sulphate (as SO3)	IS:3025(Part-24)
77	CHEMICAL- WATER	Water for construction purpose	Suspended Solid	IS:3025(Part-17)
78	MECHANICAL- BUILDINGS MATERIALS	Admixture	Bleeding	IS 9103
79	MECHANICAL- BUILDINGS MATERIALS	Admixture	compressive strength Test	IS516
80	MECHANICAL- BUILDINGS MATERIALS	Admixture	Flexural Strength Test	IS 516

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81	MECHANICAL- BUILDINGS MATERIALS	Admixture	Length Change	IS 1199
82	MECHANICAL- BUILDINGS MATERIALS	Admixture	Setting Time (Final) test	IS 1199 (Part 7)
83	MECHANICAL- BUILDINGS MATERIALS	Admixture	Setting Time (initial) test	IS 1199 (Part 7)
84	MECHANICAL- BUILDINGS MATERIALS	Admixture	Slump Test	IS1199 (Part 2)
85	MECHANICAL- BUILDINGS MATERIALS	Admixture	Water Content	IS 1199
86	MECHANICAL- BUILDINGS MATERIALS	Alkali Aggregates	Reduction of Alkalnity, Milimoles/L	IS 2386(P-7)
87	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS:1208
88	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Fire Point	IS:1209
89	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point	IS:1209
90	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS:1203
91	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS:1205
92	MECHANICAL- BUILDINGS MATERIALS	Bitumen/Modified Bitumen/Emulsion/CRMB/PMB/NRMB/Bituminious Mix/BC/SDBC/BM/DBM/Screening materials/Seal Coat/Mastic Ashphalt	Bituminous Core Density Test	ASTMD 2041
93	MECHANICAL- BUILDINGS MATERIALS	Bitumen/Modified Bitumen/Emulsion/CRMB/PMB/NRMB/Bituminious Mix/BC/SDBC/BM/DBM/Screening materials/Seal Coat/Mastic Ashphalt	Specific Gravity of Bitumen test	IS 1202
94	MECHANICAL- BUILDINGS MATERIALS	Bitumen/Modified Bitumen/Emulsion/CRMB/PMB/NRMB/Bituminious Mix/BC/SDBC/BM/DBM/Screening materials/Seal Coat/Mastic Ashphalt	Tet on Residue From rolling thin flim oven Test	IS 9382
95	MECHANICAL- BUILDINGS MATERIALS	Bitumen/Modified Bitumen/Emulsion/CRMB/PMB/NRMB/Bituminious Mix/BC/SDBC/BM/DBM/Screening materials/Seal Coat/Mastic Ashphalt	Viscosity (Absolute at 60'C poise)Test	IS 1206(P-2)

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96	MECHANICAL- BUILDINGS MATERIALS	Bitumen/Modified Bitumen/Emulsion/CRMB/PMB/NRMB/Bituminious Mix/BC/SDBC/BM/DBM/Screening materials/Seal Coat/Mastic Ashphalt	Viscosity (Kinematic at 135'C CST) test	IS 1206 (P-3)
97	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix (BC/SDBC/DBC/DBM)	Aggregate Striping Value	IS:6241
98	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix (BC/SDBC/DBC/DBM)	Bitumen Content	ASTM D2172
99	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix (BC/SDBC/DBC/DBM)	Density	ASTM D2726
100	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix (BC/SDBC/DBC/DBM)	Flow	ASTM D6927
101	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix (BC/SDBC/DBC/DBM)	Marshall Stability	ASTM D6927
102	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Compressive Strength	IS:3495(Part-1)
103	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Dimension Height	IS:1077
104	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Dimension Length	IS:1077
105	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Dimension Width	IS:1077
106	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Efflorescence	IS:3495(Part-3)
107	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Water Absorption	IS:3495(Part-2)
108	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC/OPC/PSC)	Fineness by sieving 90 micron sieve	IS:4031(Part-1)
109	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC/OPC/PSC)	Soundness by Autoclave	IS: 4031(Part-3)
110	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC/OPC/PSC)	Soundness by Le-Chatelier's	IS:4031(Part-3)
111	MECHANICAL- BUILDINGS MATERIALS	Cement(PPC)	Dry Shrinkage	IS:4031(Part-10)
112	MECHANICAL- BUILDINGS MATERIALS	Ceramic Products	Crazing Resistance	IS 13630 (Part - 9)
113	MECHANICAL- BUILDINGS MATERIALS	Ceramic Products	Dimension	IS 13630 (Part- 1)

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114	MECHANICAL- BUILDINGS MATERIALS	Ceramic Products	modulus of rupture	IS 13630 (Part - 6)
115	MECHANICAL- BUILDINGS MATERIALS	Ceramic Products	Resistance to acid/alkali	IS 13630 (Part - 8)
116	MECHANICAL- BUILDINGS MATERIALS	Ceramic Products	Resistance to House Hold Chemical	IS 13630 (Part - 8)
117	MECHANICAL- BUILDINGS MATERIALS	Ceramic Products	Resistance to Staining	IS 13630 (Part - 8)
118	MECHANICAL- BUILDINGS MATERIALS	Ceramic Products	Scratch Hardness	IS 13630 (Part-13)
119	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tile/ Vitrified Tile	Breaking Strength	IS 13630 (Part 6)
120	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13603-Part-2
121	MECHANICAL- BUILDINGS MATERIALS	Coarse & Fine Aggregates (Alkali Aggregates Reactivity)	Silica Dissolved, Milimoles/L	IS 2386 (P-7)
122	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fine Value	IS:2386(Part-4)
123	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS:2386(Part-3)
124	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Clay Lumps	IS:2386(Part-2)
125	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Coal & Lignite	IS:2386(Part-2)
126	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS:2386(Part-4)
127	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS:2386(Part-1)
128	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS:2386(Part-1)
129	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS:2386(Part-4)
130	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Material Finer than 75 Micron	IS:2386(Part-1)
131	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Organic Impurities	IS:2386(Part-2)

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132	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (IS Sieve size in mm 1.18, 2.0, 2.36, 4.75, 9.5, 10.0, 12.5, 13.2, 16.0, 19.0, 20.0, 22.4, 26.5, 37.5, 40.0, 63.0, 80.0 and 90.0)	IS:2386 (Part-1)
133	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness(Sodium Sulphate and Magnesium Sulphate)	IS: 2386 (Part-5)
134	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS:2386(Part-3)
135	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS:2386(Part-3)
136	MECHANICAL- BUILDINGS MATERIALS	Concrete Beam	Flexural strength	IS 516 : Part 1 : Sec 1
137	MECHANICAL- BUILDINGS MATERIALS	Concrete core	Compressive Strength	IS 516(Part4)
138	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube/ Beam	Rapid chloride penetrability	ASTM C-1202
139	MECHANICAL- BUILDINGS MATERIALS	Concrete Structures	Bridge Load Test	IRC SP-51
140	MECHANICAL- BUILDINGS MATERIALS	Concrete Structures	Pile Load Test	IS 2911 (Part 4)
141	MECHANICAL- BUILDINGS MATERIALS	Cube	Compressive Strength	IS:516
142	MECHANICAL- BUILDINGS MATERIALS	Design Mix of Concrete	Compressive Strength Test of Cube	IS 516
143	MECHANICAL- BUILDINGS MATERIALS	Emulsion /Tack Coat/ Prime Coat	Coagulation of Emulsion at low Temperature Test	IS 8887
144	MECHANICAL- BUILDINGS MATERIALS	Emulsion /Track Coat/Prime Coat	Miscibility With Water	IS 8887
145	MECHANICAL- BUILDINGS MATERIALS	Emulsion/ Track Coat/Prime Coat	Coating Ability and Resistance	IS 8887
146	MECHANICAL- BUILDINGS MATERIALS	Emulsion/Tack Coat/ Prime Coat	Stability to the Mixing with cement Test	IS 8887
147	MECHANICAL- BUILDINGS MATERIALS	Emulsion/Tack Coat/Prime Coat	Residue by Evaporation Tset	IS 8887
148	MECHANICAL- BUILDINGS MATERIALS	Emulsion/Tack Coat/Prime Coat	Residue on 600 mic IS Sieve% by mass Test	IS 8887
149	MECHANICAL- BUILDINGS MATERIALS	Emulsion/Tack Coat/Prime Coat	Storage Stability After 24 hours Test	IS 8887

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150	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS:2386(Part-3)
151	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of sand	IS:2386(Part-2)
152	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Clay Lumps	IS:2386(Part-2)
153	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Coal & Lignite	IS:2386(Part-2)
154	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer Than 75 micron	IS:2386(Part-1)
155	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS:2386(Part-2)
156	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis ((IS Sieve size in micron 45, 75, 90, 150, 300, 425, 600 and IS Sieve size in mm 1.18, 2.0, 2.36, 4.75, 9.5, 10.0)	IS:2386(Part-1)
157	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness(Sodium Sulphate and Magnesium Sulphate)	IS 2386 (Part 5)
158	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS:2386(Part-3)
159	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS:2386(Part-3)
160	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Clay, Fine Silt & Fine Dust	IS 2386 (P-2)
161	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates(Alkali Aggregates)	Reduction of Alkalnity, Milimoles/L	IS 2386 (P-7)
162	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727
163	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Residue 45 micron (Wet Sieving)	IS 1727
164	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness By autoclave	IS 1727
165	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific Gravity	IS 1727
166	MECHANICAL- BUILDINGS MATERIALS	Fresh Admixture	Slump test	IS 1199 (Part 2)
167	MECHANICAL- BUILDINGS MATERIALS	Fuel Ash Lime Brick	Compressive Strength	IS:3495(Part-1)

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168	MECHANICAL- BUILDINGS MATERIALS	Fuel Ash Lime Brick	Dimension Height	IS:12894
169	MECHANICAL- BUILDINGS MATERIALS	Fuel Ash Lime Brick	Dimension Length	IS:12894
170	MECHANICAL- BUILDINGS MATERIALS	Fuel Ash Lime Brick	Dimension Width	IS:12894
171	MECHANICAL- BUILDINGS MATERIALS	Fuel Ash Lime Brick	Efflorescence	IS:3495(Part-3)
172	MECHANICAL- BUILDINGS MATERIALS	Fuel Ash Lime Brick	Water Absorption	IS:3495(Part-2)
173	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement, Portland Pozzolana Cement, Portlant Slag Cement	Compressive Strength	IS:4031(Part-6)
174	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement, Portland Pozzolana Cement, Portlant Slag Cement	Consistency	IS 4031(Part 4)
175	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement, Portland Pozzolana Cement, Portlant Slag Cement	Density	IS:4031(Part-11)
176	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement, Portland Pozzolana Cement, Portlant Slag Cement	Final Setting Time	IS:4031(Part-5)
177	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement, Portland Pozzolana Cement, Portlant Slag Cement	Fineness By Blaine's Air Permeability Method	IS:4031(Part-2)
178	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement, Portland Pozzolana Cement, Portlant Slag Cement	Initial Setting Time	IS:4031(Part-5)
179	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paver Block	Compressive Strength	IS:15658
180	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paver Block	Dimension Length	IS:15658
181	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paver Block	Dimension Thickness	IS:15658
182	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paver Block	Dimension Width	IS:15658
183	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paver Block	Water Absorption	IS:15658
184	MECHANICAL- BUILDINGS MATERIALS	Seven Ply Strand Wire	Elongation	IS 14268
185	MECHANICAL- BUILDINGS MATERIALS	Seven Ply Strand Wire	Specimens Mass	IS 14268
186	MECHANICAL- BUILDINGS MATERIALS	Seven-Ply Strand Wire	0.2% Proof Load	IS 1608 (P-1 & 3)/ IS14268

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187	MECHANICAL- BUILDINGS MATERIALS	Seven-Ply Strand Wire	Breaking Load	IS 14268
188	MECHANICAL- MECHANICAL PROPERTIES OF METALS	TMT/ Reinforcement steel/ Steel Structure Bar/ Coupler/ GI Pipe	Bend Test	IS:1599
189	MECHANICAL- MECHANICAL PROPERTIES OF METALS	TMT/ Reinforcement steel/ Steel Structure Bar/ Coupler/ GI Pipe	Elongation	IS:1608 (Part 1)
190	MECHANICAL- MECHANICAL PROPERTIES OF METALS	TMT/ Reinforcement steel/ Steel Structure Bar/ Coupler/ GI Pipe	Mass	IS:1786
191	MECHANICAL- MECHANICAL PROPERTIES OF METALS	TMT/ Reinforcement steel/ Steel Structure Bar/ Coupler/ GI Pipe	Re-Bend Test	IS:1786
192	MECHANICAL- MECHANICAL PROPERTIES OF METALS	TMT/ Reinforcement steel/ Steel Structure Bar/ Coupler/ GI Pipe	Tensile Strength	IS:1608 (Part 1)
193	MECHANICAL- MECHANICAL PROPERTIES OF METALS	TMT/ Reinforcement steel/ Steel Structure Bar/ Coupler/ GI Pipe	Yield Stress	IS:1608 (Part 1)
194	MECHANICAL- SOIL AND ROCK	Bentonite	Dry Fineness pass through 75 micron IS Sieve	IS 6186
195	MECHANICAL- SOIL AND ROCK	Bentonite	Free Swell Index	IS:6186
196	MECHANICAL- SOIL AND ROCK	Bentonite	Liquid Limit	IS:2720(Part-5)
197	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture Content	IS 6186
198	MECHANICAL- SOIL AND ROCK	Bentonite	pH	IS 6186
199	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content	IS 6186
200	MECHANICAL- SOIL AND ROCK	Bentonite	Swelling Power Test	IS 6186
201	MECHANICAL- SOIL AND ROCK	Granular Sub Base/Water Bound Macadam/Wet Mix Macadam/Crusher Run Macadam	CBR Value	IS:2720(Part-16)
202	MECHANICAL- SOIL AND ROCK	Granular Sub Base/Water Bound Macadam/Wet Mix Macadam/Crusher Run Macadam	Elongation Index	IS:2386(Part-1)
203	MECHANICAL- SOIL AND ROCK	Granular Sub Base/Water Bound Macadam/Wet Mix Macadam/Crusher Run Macadam	Flakiness Index	IS:2386(Part-1)

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204	MECHANICAL- SOIL AND ROCK	Granular Sub Base/Water Bound Macadam/Wet Mix Macadam/Crusher Run Macadam	Impact Value	IS:2386(Part-4)
205	MECHANICAL- SOIL AND ROCK	Granular Sub Base/Water Bound Macadam/Wet Mix Macadam/Crusher Run Macadam	Liquid Limit	IS:2720(Part-5)
206	MECHANICAL- SOIL AND ROCK	Granular Sub Base/Water Bound Macadam/Wet Mix Macadam/Crusher Run Macadam	Loss Angeles Abrasion Value	IS:2386(Part-4)
207	MECHANICAL- SOIL AND ROCK	Granular Sub Base/Water Bound Macadam/Wet Mix Macadam/Crusher Run Macadam	Plastic Limit	IS:2720(Part-5)
208	MECHANICAL- SOIL AND ROCK	Granular Sub Base/Water Bound Macadam/Wet Mix Macadam/Crusher Run Macadam	Sieve Analysis	IS:2386(Part-1)
209	MECHANICAL- SOIL AND ROCK	Granular Sub Base/Water Bound Macadam/Wet Mix Macadam/Crusher Run Macadam	Water Absorption	IS:2386(Part-3)
210	MECHANICAL- SOIL AND ROCK	Natural Building Stone, Marble, Granite	Compressive Strength	IS:1121(Part-1)
211	MECHANICAL- SOIL AND ROCK	Natural Building Stone, Marble, Granite	Specific Gravity	IS:1124
212	MECHANICAL- SOIL AND ROCK	Natural Building Stone, Marble, Granite	Water Absorption	IS:1124
213	MECHANICAL- SOIL AND ROCK	Plate Load Test	Plate Load Test	IS 1888
214	MECHANICAL- SOIL AND ROCK	Rock/Natural Stone/Marble/Granite	Dry Density	IS 13030
215	MECHANICAL- SOIL AND ROCK	Rock/Natural Stone/Marble/Granite	Durability	IS 1126
216	MECHANICAL- SOIL AND ROCK	Rock/Natural Stone/Marble/Granite	moisture Content	IS13030
217	MECHANICAL- SOIL AND ROCK	Rock/Natural Stone/Marble/Granite	Porosity (True & apparent)	IS 1124
218	MECHANICAL- SOIL AND ROCK	Rock/Natural Stone/Marble/Granite	Transverse Strength	IS 1121 (Part-2)
219	MECHANICAL- SOIL AND ROCK	Soil	CBR Value	IS:2720(Part-16)
220	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of Internal Friction, f)	IS:2720(Part-13)
221	MECHANICAL- SOIL AND ROCK	soil	Direct shear Test (Cohesion Intercept C Value)	IS:2720(Part-13)
222	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS:2720(Part-40)

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223	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS:2720(Part-4)
224	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS:2720(Part-5)
225	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density	IS:2720(Part-8)
226	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS:2720(Part-2)
227	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content By Oven Dry Method	IS 2720 - Part-2
228	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content By Rapid Moisture Meter	IS 2720 - Part-2
229	MECHANICAL- SOIL AND ROCK	soil	Optimum Moisture Content	IS:2720(Part-8)
230	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS:2720(Part-5)
231	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS:2720(Part-3/Sec-1&2)
232	MECHANICAL- SOIL AND ROCK	Soil or Rock/Blanket Materials/GSB Mix/WMM Mix /Sand	Proctor (Light Compaction) MDD	IS 2720 (P-7)
233	MECHANICAL- SOIL AND ROCK	Soil or Rock/Blanket Materials/GSB mix/WMM mix/Sand	Consolidation Test	IS 2720 (P-15)
234	MECHANICAL- SOIL AND ROCK	Soil or rock/Blanket Materials/GSB Mix/WMM Mix/Sand	Dry Shrinkage Test	IS 2720 (P-6)
235	MECHANICAL- SOIL AND ROCK	Soil or Rock/Blanket Materials/GSB mix/WMM mix/Sand	Proctor (Light Compaction) OMC	IS 2720 (P-7)
236	MECHANICAL- SOIL AND ROCK	Soil or Rock/Blanket Materials/GSB mix/WMM mix/Sand	Swelling Pressure	IS 2720 (P-16)
237	MECHANICAL- SOIL AND ROCK	Soil or rock/Blanket Materials/GSB Mix/WMM Mix/Sand	Triaxial shear Test (Cohesion & Angel)	IS 2720(P-11)
238	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutter	End Immersion Test	IS:4020(Part-13)
239	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutter	Glue Adhesion Test	IS:4020(Part-15)
240	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutter	Knife Test	IS:4020(Part-14)
241	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Modulus of Rapture	IS 1734-Part 11

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242	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Tensile Strength	IS 1734-Part 9
243	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber	Density	IS:1708(Part-2)
244	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber	Moisture Content	IS 1708 - Part 1
245	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber	Moisture Content	IS:1708(Part-1)
246	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber	Specific gravity	IS 1708 - Part 2

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Site Facility				
1	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Pile Integrity	ASTM D5882-96 & 14893
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Ultrasonic Pulse Velocity	IS 516(P-5) SEC - 1
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	RCC	Re bound Hammer Test	IS 516 (Part-5/Sec 4)