National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	UNIQUE ENGINEERING SERVICES, PLOT 52, WARD-6, INDUSTRIAL, KUTCH, GANDHIDHAM, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5077	**Page No**	1 of 17
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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	IS 6925
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	Cement	Free Lime	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Cement (OPC,PPC,PSC,RHC,LHC,HAC,WC & SRPC)	Al2O3	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Cement (OPC,PPC,PSC,RHC,LHC,HAC,WC & SRPC)	Calcium Oxide (CaO)	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement (OPC,PPC,PSC,RHC,LHC,HAC,WC & SRPC)	Chloride	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement (OPC,PPC,PSC,RHC,LHC,HAC,WC & SRPC)	Fe2O3	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement (OPC,PPC,PSC,RHC,LHC,HAC,WC & SRPC)	Insoluble residue including silica	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement (OPC,PPC,PSC,RHC,LHC,HAC,WC & SRPC)	Loss on Ignition	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement (OPC,PPC,PSC,RHC,LHC,HAC,WC & SRPC)	Magnesium oxide(MgO)	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement (OPC,PPC,PSC,RHC,LHC,HAC,WC & SRPC)	SiO2	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement (OPC,PPC,PSC,RHC,LHC,HAC,WC & SRPC)	Sulphur Trioxide(SO3)	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	pH	IS 2720 (Part-26)
17	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	Sulphuric Anhydride (SO3)	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	Water Soluble & Acid Soluble Chlorides	IS 14959 (Part-2)

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19	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregates	Alkali Aggregate Reactivity Rc	IS 2386 (Part 7)
20	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregates	Alkali Aggregate Reactivity Sc	IS 2386 (Part 7)
21	CHEMICAL- BUILDING MATERIAL	Concrete	Chloride in Fresh Concrete	IS: 14959 (Part-1)
22	CHEMICAL- BUILDING MATERIAL	Concrete	Chloride in Hardened Concrete	IS 14959 (Part-2)
23	CHEMICAL- BUILDING MATERIAL	Fine Aggregate	Organic Impurity	IS 2386 (Part-2)
24	CHEMICAL- BUILDING MATERIAL	Fly Ash	Al2O3	IS 1727
25	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chloride	IS 4032
26	CHEMICAL- BUILDING MATERIAL	Fly Ash	Fe2O3	IS 1727
27	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss on Ignition	IS 1727
28	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesium oxide(MgO)	IS 1727
29	CHEMICAL- BUILDING MATERIAL	Fly Ash	SiO2	IS 1727
30	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphur as Sulphur Trioxide(SO3)	IS 1727
31	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag for Use in Cement, Mortar and Concrete	Aluminium (Al2O3)	IS 4032
32	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag for Use in Cement, Mortar and Concrete	Calcium Oxide (CaO)	IS 4032
33	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag for Use in Cement, Mortar and Concrete	Chloride (Cl)	IS 4032
34	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag for Use in Cement, Mortar and Concrete	Ferric Oxide (Fe2O3)	IS 4032
35	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag for Use in Cement, Mortar and Concrete	Insoluble Residue	IS 4032
36	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag for Use in Cement, Mortar and Concrete	Loss on Ignition (LOI)	IS 4032
37	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag for Use in Cement, Mortar and Concrete	Magnesium Oxide (Mgo)	IS 4032

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38	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag for Use in Cement, Mortar and Concrete	Silica (SiO2)	IS 4032
39	CHEMICAL- BUILDING MATERIAL	Ground Granulated Blast Furnace Slag for Use in Cement, Mortar and Concrete	Total Sulphate Content (SO3)	IS 4032
40	CHEMICAL- BUILDING MATERIAL	Micro Silica /Silica Fume	Alkalies as Na20	IS 4032
41	CHEMICAL- BUILDING MATERIAL	Micro Silica /Silica fume	Moisture Content	IS 15388
42	CHEMICAL- BUILDING MATERIAL	Micro Silica/Silica Fume	Loss on Ignition	IS 1727
43	CHEMICAL- BUILDING MATERIAL	Micro Silica/Silica Fume	Silicon Dioxide (SIo2)	IS 1727
44	CHEMICAL- METALS & ALLOYS	GI Wire	Carbon	IS 228 (Part-1)
45	CHEMICAL- METALS & ALLOYS	GI wire	Mass of Zinc Coating	IS 6745
46	CHEMICAL- METALS & ALLOYS	GI wire	Phosporous	IS 228 (Part-3)
47	CHEMICAL- METALS & ALLOYS	GI Wire	Sulpher	IS 228 (Part-9)
48	CHEMICAL- METALS & ALLOYS	Reinforcement /Structural Steel	Carbon	IS 228 (Part-1)
49	CHEMICAL- METALS & ALLOYS	Reinforcement /Structural Steel	Manganese	IS 228 (Part 2)
50	CHEMICAL- METALS & ALLOYS	Reinforcement /Structural Steel	Phosphorous	IS 228 (Part-3)
51	CHEMICAL- METALS & ALLOYS	Reinforcement /Structural Steel	Sulphur	IS 228 (Part-9)
52	CHEMICAL- SOIL AND ROCK	Bentonite	pH Value	IS 6186
53	CHEMICAL- SOIL AND ROCK	Boulder Spalls (Petography)	pH	IS 2720 (Part-26)
54	CHEMICAL- SOIL AND ROCK	Boulder Spalls (Petography)	Sulphuric Anhydride (SO3)	IS 4032
55	CHEMICAL- SOIL AND ROCK	Boulder Spalls (Petography)	Water Soluble & Acid Soluble Chlorides	IS 14959 (Part-2)
56	CHEMICAL- SOIL AND ROCK	Polymer	pH Value	IS 6186

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57	CHEMICAL- SOIL AND ROCK	Soil	pH	IS 2720 (Part-26)
58	CHEMICAL- SOIL AND ROCK	Soil	Sulphate (as SO4)	IS 2720 (Part-27)
59	CHEMICAL- SOIL AND ROCK	Soil/Sand	Chloride Content	BS 1377 (Part-3)
60	CHEMICAL- WATER	Construction Water	Chloride	IS 3025 (Part-32)
61	CHEMICAL- WATER	Construction Water	Fixed Residue	IS 3025 (Part-18)
62	CHEMICAL- WATER	Construction Water	pH	IS 3025 (Part-11)
63	CHEMICAL- WATER	Construction Water	Sulphate	IS 3025 (Part-24)
64	CHEMICAL- WATER	Construction Water	Suspended Matter	IS 3025 (Part-17)
65	CHEMICAL- WATER	Construction Water	Total Hardness	IS 3025 (Part-21)
66	CHEMICAL- WATER	Construction Water	Volatile Residue (Organic)	IS 3025 (Part-18)
67	CHEMICAL- WATER	Construction Water	Volume of 0.02 N H2SO4 to neutralize 100 ml of sample (Alkalinity)	IS 3025 (Part-23)
68	CHEMICAL- WATER	Construction Water	Volume of 0.02 N NaOH to neutralize 100 ml of sample (Acidity)	IS 3025 (Part-22)
69	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 (Part-2)
70	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Binder Content	IRC:SP:112
71	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility Test	IS 1208
72	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point	IS 1209
73	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206 (Part-3)
74	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Marshall Flow Value	ASTM - D 6927 - 15
75	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Marshall Stability	ASTM - D 6927 - 15
76	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration Test	IS 1203
77	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205

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78	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
79	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Stripping Value	IS 6241
80	MECHANICAL- BUILDINGS MATERIALS	Brick	Compressive Strength	IS:3495 (Part-1)
81	MECHANICAL- BUILDINGS MATERIALS	Brick	Efflorecence	IS:3495 (Part-3)
82	MECHANICAL- BUILDINGS MATERIALS	Brick	Size and Shape (Length)	IS:1077
83	MECHANICAL- BUILDINGS MATERIALS	Brick	Sizes and Shapes (Thickness)	IS 1077
84	MECHANICAL- BUILDINGS MATERIALS	Brick	Sizes and Shapes (Width)	IS 1077
85	MECHANICAL- BUILDINGS MATERIALS	Brick	Water Absorption	IS:3495 (Part-2)
86	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part-6)
87	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part-4)
88	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031(Part-11)
89	MECHANICAL- BUILDINGS MATERIALS	Cement	Drying Shrinkage	IS 4031 (Part:10)
90	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting	IS 4031 (Part-5)
91	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blain Air Permeability	IS 4031 (Part-2)
92	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting	IS 4031(Part-5)
93	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le Chatlier	IS 4031 (Part-3)
94	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness byAutoclave	IS 4031 (Part-3)
95	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension -Length	IS 13630 : Part-1
96	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension-Thickness	IS 13630 : Part-1

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97	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension-Width	IS 13630 : Part-1
98	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Surface Quality	IS 13630 : Part-1
99	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630 : Part-2
100	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Grading (Sieve Analysis) (80mm - 0.075mm)	ASTM C136/C136M
101	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines Value	IS 2386 (Part-4)
102	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS:2386 (Part-4)
103	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part-3)
104	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS:2386 (Part-4)
105	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part-1)
106	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part-1)
107	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Grading (Sieve Analysis) (80mm - 0.075mm)	IS:2386 (Part-1)
108	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS:2386 (Part-4)
109	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Petrographic Examination	IS 2386 (Part-8)
110	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness	IS:2386 (Part-5)
111	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	ASTM C127
112	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part-3)
113	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Total Deleterious Material (Determination of Clay Lumps)	IS 2386 (Part-2)
114	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Total Deleterious Material (Determination of clay,fine silt & fine dust (Sedimentation method))	IS 2386 (Part-2)

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115	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Total Deleterious Material (Determination of Light weight Piece (Coal & lignite))	IS 2386 (Part-2)
116	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Total Deleterious Material (Determination of Soft Particle)	IS 2386 (Part-2)
117	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part-3)
118	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Abrasion Value	ASTM C131/C131M
119	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Abrasion Value	ASTM C535
120	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	ASTM C29/C29M-17a
121	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Material Finer than 75 micron sieves	ASTM C117
122	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Material Finer than 75 micron sieves	IS 2386 (Part-1)
123	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness	ASTM C88/C88M
124	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	ASTM C127
125	MECHANICAL- BUILDINGS MATERIALS	Concrete (Fresh)	Slump Test	IS 1199 (Part-2)
126	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Air Content	IS 1199 (Part-4)
127	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Bleeding	IS 9103
128	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Compressive Strength	IS 516 (Part-1/Sec-1)
129	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Final Setting time	IS 1199 (Part 7)
130	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Flexural strength	IS 516 (Part-1/Sec-1)
131	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Length Change (Drying shrinkage)	IS:516- Part:6
132	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixture	Water Content	IS 2386 (Part-3)

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133	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Initial Setting time	IS 1199 (Part -7)
134	MECHANICAL- BUILDINGS MATERIALS	Concrete Admixtures	Workability (Slump)	IS 1199 (Part-2)
135	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part-3)
136	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Grading (Sieve Analysis) (4.75mm - 0.075mm)	IS:2386 (Part-1)
137	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Petrographic Examination	IS 2386 (Part-8)
138	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness	IS:2386 (Part-5)
139	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS:2386 (Part-3)
140	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Total Deleterious Material (Determination of Clay Lumps)	IS 2386 (Part-2)
141	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Total Deleterious Material (Determination of clay,fine silt & fine dust (Sedimentation method))	IS 2386 (Part-2)
142	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Total Deleterious Material (Determination of Light weight Piece (Coal & lignite))	IS 2386 (Part-2)
143	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS:2386 (Part-3)
144	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density	ASTM C29/C29M-17a
145	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Grading (Sieve Analysis) (4.75mm - 0.075mm)	ASTM C136/C136M
146	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Material Finer than 75 micron sieves	ASTM C117
147	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Material Finer than 75 micron sieves	IS 2386 (Part-1)
148	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness	ASTM C88/C88M
149	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	ASTM C127
150	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	ASTM C127

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151	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	ASTM C618
152	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727:1967
153	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Drying Shrinkage	IS 1727:1967
154	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Blain Air Permeability	ASTM C204
155	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Blain Air Permeability	ASTM C618
156	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Lime reactivity	IS 1727
157	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Particles retained on 45 micron sieve	ASTM C618-17a
158	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Particles retained on 45 micron sieve	IS 1727
159	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by autoclave	ASTM C618
160	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by autoclave	IS 1727
161	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific Gravity	IS 1727
162	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag for Use in Cement, Mortar and Concrete	Fineness by sp.surface	IS 4031 (Part-2)
163	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag for Use in Cement, Mortar and Concrete	Moisture Content	IS 16714 Appendix-B
164	MECHANICAL- BUILDINGS MATERIALS	Ground Granulated Blast Furnace Slag for Use in Cement, Mortar and Concrete	Slag Activity Index (SAI)	IS 16714 Table 2 ,Note-2
165	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Concrete Permeability	DIN 1048:Part-5
166	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Concrete Permeability	IS 516:Part-2/Sec-1
167	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Density	IS 516 (Part-2) Section-1
168	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	RCPT (Rapid Chloride Penetration Test)	ASTM C 1202
169	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Beam	Flexural strength	IS:516:Part-1/Sec-1

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170	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Core	Compressive Strength	IS 516:Part-4
171	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cube	Compressive Strength	IS:516:Part-1/Sec:1
172	MECHANICAL- BUILDINGS MATERIALS	Hollow Block /Solid Block	Compressive Strength	IS 2185 (Part-1) ANNEX - D
173	MECHANICAL- BUILDINGS MATERIALS	Hollow Block /Solid Block	Density	IS 2185 (Part-1) ANNEX - C
174	MECHANICAL- BUILDINGS MATERIALS	Hollow Block/Solid Block	Water Absorption	IS 2185 (Part-1) ANNEX - E
175	MECHANICAL- BUILDINGS MATERIALS	Micro Silica / Silica Fume	Bulk Density	ASTM C-1240-10a Cl.19
176	MECHANICAL- BUILDINGS MATERIALS	Micro Silica/Silica Fume	Over size percent retained on 45 micron	IS 1727
177	MECHANICAL- BUILDINGS MATERIALS	Micro Silica/Silica Fume	Specific Gravity	IS 1727
178	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Abrasion Resistance	IS 15658 Annexure-E
179	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658; Annex-D
180	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Length)	IS 15658 Annex-B
181	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (width)	IS 15658 Annex-B
182	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Plan Area/Wearing face Area	IS 15658, Annex-B
183	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Tensile Spliting Strength	IS 15658 Annex-F
184	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Thickness	IS 15658 Annex-B
185	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Thickness of wearing layer	IS 15658 Annexure-B
186	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658 , Annex-C
187	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Coupler	Tensile Test	IS 1608 :Part-1

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188	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fillet Weld Joints, Ferrous & Non Ferrous Product	Fracture Test	ASME Sec. IX
189	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fusion Welded Joints - Pipes	Bend Test	IS:3600 (Part-5)
190	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fusion Welded Joints - Pipes	Transverse Tensile Strength	IS 3600 (Part-3)
191	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	0.2%Proof stress	IS:1608 (Part-1)
192	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Bend Test	IS:1599
193	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Elongation %	IS:1608(Part-1)
194	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Rebend Test	IS 1786
195	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Sectional Weight of Steel	IS 1786
196	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Tensile Strength	IS:1608 (Part-1)
197	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Yield Strength	IS:1608(Part-1)
198	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spiral Welded - Pipes	Bend Test	IS 5504
199	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes	Bend Test	IS:3589
200	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Steel Coupon Plate,Pipe and Weldments	Transverse Bend Test	ASME Sec.IX
201	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Steel Coupon Plate,Pipe and Weldments	Transverse Tensile Strength	ASME Sec.IX

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202	MECHANICAL- SOIL AND ROCK	Soil (Cohesion less)	Relative density	IS:2720 (Part-14)
203	MECHANICAL- SOIL AND ROCK	Bentonite	Dry Finess (150 micron)	IS 6186
204	MECHANICAL- SOIL AND ROCK	Bentonite	Dry Finess (75 micron)	IS 6186
205	MECHANICAL- SOIL AND ROCK	Bentonite	Free Swelling Index	IS 2720 (Part-40)
206	MECHANICAL- SOIL AND ROCK	Bentonite	Gel Formation Index	IS 6186
207	MECHANICAL- SOIL AND ROCK	Bentonite	Liquid Limit	IS 2720 (Part 5)
208	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture Content	IS 6186
209	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content	IS 6186
210	MECHANICAL- SOIL AND ROCK	Bentonite	Slurry Density	ASTM D4380
211	MECHANICAL- SOIL AND ROCK	Bentonite	Specific Gravity	IS 2720 (Part-3) :Sec-1
212	MECHANICAL- SOIL AND ROCK	Bentonite	Swell Power	IS 6186
213	MECHANICAL- SOIL AND ROCK	Bentonite	Viscosity - Marsh Cone Funnel	ASTM D6910
214	MECHANICAL- SOIL AND ROCK	Bentonite	Wet Finess (45 micron)	IS 6186
215	MECHANICAL- SOIL AND ROCK	Boulder Spalls (Petography)	Petrographic Analysis	IS 2386 (Part-8)
216	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Apparent Porosity	IS 1124
217	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Apparent Specific Gravity	IS 1124
218	MECHANICAL- SOIL AND ROCK	Natural Building Stone	True Porosity	IS 1124
219	MECHANICAL- SOIL AND ROCK	Natural Building Stone	True Specific Gravity	IS 1122
220	MECHANICAL- SOIL AND ROCK	Natural Building Stone	Water Absorption	IS 1124

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221	MECHANICAL- SOIL AND ROCK	Polymer	Density	ASTM D4380
222	MECHANICAL- SOIL AND ROCK	Polymer	Viscosity	ASTM D-6910
223	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
224	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index	IS 8764
225	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
226	MECHANICAL- SOIL AND ROCK	Rock	Slake Durability Index	IS 10050
227	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 13030
228	MECHANICAL- SOIL AND ROCK	Rock	Uniaxial Compressive Strength	IS 9143
229	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS 13030
230	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content (Heavy Compaction)	IS 2720 (Part-8)
231	MECHANICAL- SOIL AND ROCK	Soil	Atterberg's Limit (Liquid Limit)s	IS: 2720 (Part-5)
232	MECHANICAL- SOIL AND ROCK	Soil	Atterberg's Limit (Plastic Limit)	IS 2720 (Part-5)
233	MECHANICAL- SOIL AND ROCK	Soil	Consolidation(Cc)	IS2720 (Part 15)
234	MECHANICAL- SOIL AND ROCK	Soil	Consolidation(Pc)	IS 2720 (Part 15)
235	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion (Cc))	IS 2720 (Part 13)
236	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of internal friction (f))	IS 2720 (Part 13)
237	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part- 40)
238	MECHANICAL- SOIL AND ROCK	Soil	Grain size analysis-Wet Sieving	IS 2720 (Part-4)
239	MECHANICAL- SOIL AND ROCK	Soil	Hydrometer Test-Clay	IS 2720 (Part-4)

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240	MECHANICAL- SOIL AND ROCK	Soil	Hydrometer Test-Silt	IS 2720 (Part 4)
241	MECHANICAL- SOIL AND ROCK	Soil	Laboratory CBR Test (Soaked)	IS 2720 (Part 16)
242	MECHANICAL- SOIL AND ROCK	Soil	Laboratory CBR Test (Unsoaked)	IS 2720 (Part 16)
243	MECHANICAL- SOIL AND ROCK	Soil	Laboratory Permeability Test (Constant Head Method)	IS 2720 (Part 17)
244	MECHANICAL- SOIL AND ROCK	Soil	Laboratory Permeability Test (Falling Head Method)	IS 2720 (Part 17)
245	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density (Light Compaction)	IS 2720 (Part-7)
246	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density(Heavy Compaction)	IS 2720 (Part-8)
247	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content (Light Compaction)	IS 2720 (Part-7)
248	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
249	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part-3)
250	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720 (Part 41)
251	MECHANICAL- SOIL AND ROCK	Soil	Traiaxial Test (T.C.D)-Angle of internal friction (F)	IS 2720 (Part 12)
252	MECHANICAL- SOIL AND ROCK	Soil	Traiaxial Test (T.C.D)-Cohesion (C)	IS 2720 (Part 12)
253	MECHANICAL- SOIL AND ROCK	Soil	Traiaxial Test (T.C.U) -Angle of internal friction (F)	IS 2720 (Part 12)
254	MECHANICAL- SOIL AND ROCK	Soil	Traiaxial Test (T.C.U) -Cohesion (C)	IS 2720 (Part 12)
255	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test (T.U.U.) Angle of internal friction (f)	IS 2720 (Part 11)
256	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Test (T.U.U.) Cohesion (C)	IS 2720 (Part 11)
257	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)
258	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part-2)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Load Field Test	Cyclic Plate Load Test	IS 5249, Cl.6
2	MECHANICAL- SOIL AND ROCK	Load Field Test	Lateral Load Test	IS 14593
3	MECHANICAL- SOIL AND ROCK	Load Field Test	Lateral Load Test	IS 2911 (Part-4) Cl. 8
4	MECHANICAL- SOIL AND ROCK	Load Field Test	Plate Load Test	IS 1888
5	MECHANICAL- SOIL AND ROCK	Load Field Test	Pull Out Test (Uplift)	IS 14593
6	MECHANICAL- SOIL AND ROCK	Load Field Test	Pull Out Test(Uplift)	IS 2911 (Part-4) Cl. 9
7	MECHANICAL- SOIL AND ROCK	Load Field Test	Vertical Load Test(Compression) - Cyclic Load Method	IS 14593
8	MECHANICAL- SOIL AND ROCK	Load Field Test	Vertical Load Test(Compression) - Cyclic Load Method	IS 2911 (Part-4) Cl. 7.3
9	MECHANICAL- SOIL AND ROCK	Load Field Test	Vertical Load Test(Compression) - Maintained Load Method	IS 14953
10	MECHANICAL- SOIL AND ROCK	Load Field Test	Vertical Load Test(Compression) - Maintained Load Method	IS 2911 (Part-4) Cl. 7.2
11	MECHANICAL- SOIL AND ROCK	Soil & Rock	Plate Load Test EV2/EV1	DIN 18134
12	MECHANICAL- SOIL AND ROCK	Soil & Rock	Plate Load Test EV2/EV1	RDSO/GE :IRS -0004
13	MECHANICAL- SOIL AND ROCK	Soil & Rock -Field Test	Earth Resistivity Test (ERT)	IS 3043
14	MECHANICAL- SOIL AND ROCK	Soil Test	Field CBR Test	IS 2720 (Part-31)
15	MECHANICAL- SOIL AND ROCK	Soil Test	Field Density test by core cutter method	IS 2720 (Part 29)
16	MECHANICAL- SOIL AND ROCK	Soil Test	Field Density test by Sand replacement method	IS 2720 (Part 28)
17	MECHANICAL- SOIL AND ROCK	Soil Test	Field Moisture test by core cutter method	IS 2720 (Part 29)

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18	MECHANICAL- SOIL AND ROCK	Soil Test	Field Moisture test by Sand replacement method	IS 2720 (Part 28)
19	MECHANICAL- SOIL AND ROCK	Soil Test	Modulus of Subgrade Reaction	IS 9214:1979
20	MECHANICAL- SOIL AND ROCK	Soil Test	Standard Penetration Test	IS:2131:1981
21	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Bituminous/Concrete Road Section	Bridge (Span) Load Test (Bituminous & Concrete Section)	IRC SP : 51
22	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Rainforced Concrete Structures	Carbonation Test	BS EN 14630
23	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Rainforced Concrete Structures	Carbonation Test	IS 516:Part-3 : Section 3
24	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Rainforced Concrete Structures	Cover meter test	BS 1881 Part 204
25	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Rainforced Concrete Structures	Half Cell Potential test	IS 516 :Part-5 :Section-2
26	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Rainforced Concrete Structures	Half-cell Potential	ASTM C876
27	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Rainforced Concrete Structures	Low Strain Impact Integrity Testing of Deep Foundations	ASTM D5882
28	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Rainforced Concrete Structures	Low Strain Pile Integrity Testing	IRC 78 : Appendix 7 Part-2
29	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Rainforced Concrete Structures	Rebound Hammer Test	IS 13311 (Part-2)

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30	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Rainforced Concrete Structures	Rebound hammer Test	IS 516 :Part-5:Section-4
31	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Rainforced Concrete Structures	Ultrasonic Pulse Velocity	ASTM C-597
32	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Reinforced Concrete Structures	Ultrasonic Pulse Velocity	IS 516:Part-5:Sec-1)
33	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Cross Hole Sonic Test	Cross Hole Sonic Test on piles	ASTM D 6760
34	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	High Strain Pile Dynamic Test	High Strain Pile Dynamic Test	ASTM 4945
35	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	High Strain Pile Dynamic Test	High Strain Pile Dynamic Test	IRC 78