National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SCIENTIFIC AGE RESEARCH & TESTING LAB PVT. LTD., PLOT NO-11/7, BUTA SINGH COMPLEX, MAIN MATHURA ROAD, FARIDABAD, HARYANA, INDIA

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon Monoxide(CO)	IS:5182(Pt-10):1984, RA
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Oxide (NO2)	IS: 5182 (Pt-6) 1983, RA
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM 2.5	SOP-CHEM-PM-2.5, SOP No. F-33E, Issue Date-30.04.
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	RSPM (PM10)	IS: 5182 (pt-23) 1986, RA
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS: 5182 (Pt-2)2004, RA
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Suspended Matter (SPM)	IS: 5182 (pt-4)1983, RA
7	CHEMICAL- ATMOSPHERIC POLLUTION	DG Noise	Source Noise	IS/ISO:8528 (P-10)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive Emission	Carbon Monoxide (CO)	IS: 5182 (Pt-10)1984, RA
9	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive Emission	Nitrogen Oxide (NO2)	Is: 5182 (Pt-6)1983, RA
10	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive Emission	PM 2.5	SOP-CHEM-PM-2.5, SOP No. F-33E, Issue Date-30:04
11	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive Emission	RSPM (PM10)	IS: 5182 (Pt-23) 1986, RA
12	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive Emission	Sulphur Dioxide (SO2)	IS: 5182 (Pt-2)2004, RA
13	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive Emission	Suspended Particular Matter (SPM)	IS: 5182 (Pt-4) 1983, RA
14	CHEMICAL- ATMOSPHERIC POLLUTION	Noise	Ambient Noise Equivalent Levels (Leq) for Day & Night	IS:9989
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Nitrogen Oxide (NOx)	IS: 11255 (Pt-7) 1984, RA
16	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate matter (PM)	IS: 11255 (Pt-7) 1984, RA
17	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide	IS:11255 (Pt-2) 2004, RA
18	CHEMICAL- BUILDING MATERIAL	Alkali Aggregate Reactivity (Chemical Method)	Dissolved Silica	IS:2386 (Pt-7)1963, RA

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19	CHEMICAL- BUILDING MATERIAL	Alkali Aggregate Reactivity (Chemical Method)	Organic Impurities	IS : 2386 (P 2) : 1963,RA
20	CHEMICAL- BUILDING MATERIAL	Alkali Aggregate Reactivity (Chemical Method)	Reduction in alkalinity	IS:2386 (Pt-7)1963, RA
21	CHEMICAL- BUILDING MATERIAL	Cement	Aluminium Oxide	IS: 4032-1985, RA
22	CHEMICAL- BUILDING MATERIAL	Cement	Calcium Oxide	IS: 4032-1985, RA
23	CHEMICAL- BUILDING MATERIAL	Cement	Chloride	IS: 4032-1985,Amd-01, RA
24	CHEMICAL- BUILDING MATERIAL	Cement	Insoluble Residue	IS: 4032-1985, RA
25	CHEMICAL- BUILDING MATERIAL	Cement	Iron Oxide	IS: 4032-1985, RA
26	CHEMICAL- BUILDING MATERIAL	Cement	Loss on Ignition	IS: 4032-1985, RA
27	CHEMICAL- BUILDING MATERIAL	Cement	Magnesium Oxide	IS: 4032-1985, RA
28	CHEMICAL- BUILDING MATERIAL	Cement	Potassium Oxide	IS: 4032-1985, RA
29	CHEMICAL- BUILDING MATERIAL	Cement	Silica	IS: 4032-1985, RA
30	CHEMICAL- BUILDING MATERIAL	Cement	Sodium Oxide	IS: 4032-1985, RA
31	CHEMICAL- BUILDING MATERIAL	Cement	Sulphuric Anhydride as SO3	IS: 4032-1985, RA
32	CHEMICAL- BUILDING MATERIAL	Fly Ash	Alumina Oxide	IS;1727-1967, RA
33	CHEMICAL- BUILDING MATERIAL	Fly Ash	Available Alkalis as Na2O	IS: 3812(P 1)
34	CHEMICAL- BUILDING MATERIAL	Fly Ash	Calcium Oxide	IS;1727-1967, RA
35	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chloride	IS;4032-1985, RA
36	CHEMICAL- BUILDING MATERIAL	Fly Ash	Iron Oxide	IS;1727-1967, RA
37	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss on ignition	IS;1727-1967, RA

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38	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesium Oxide	IS;1727-1967, RA
39	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica	IS;1727-1967, RA
40	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphuric anhydride as SO3	IS;1727-1967, RA
41	CHEMICAL- BUILDING MATERIAL	Plaster of Paris/Gypsum	Calcium Oxide as CaO	IS;1288-1982, RA
42	CHEMICAL- BUILDING MATERIAL	Plaster of Paris/Gypsum	Loss on ignition	IS:2547(P-1), Appendix-B
43	CHEMICAL- BUILDING MATERIAL	Plaster of Paris/Gypsum	Soluble Magnesium salt as MgO	IS:2547(P-1)-1976, RA 2002 Appendix-A IS:1288-1982, RA
44	CHEMICAL- BUILDING MATERIAL	Plaster of Paris/Gypsum	Soluble Sodium salt as Na2O	IS:2547(P-1)-1976, Appendix-A, RA
45	CHEMICAL- BUILDING MATERIAL	Plaster of Paris/Gypsum	Sulphur Trioxide as SO3	IS;1288-1982, RA
46	CHEMICAL- METALS & ALLOYS	Low alloy steel	Carbon	IS:228(P-1): 1987, RA
47	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon Equivalent	IS: 1786
48	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	IS:228(P-2): 1987, RA
49	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorous	IS:228(P-3): 1987, RA
50	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	IS:228(P-8):1989, RA
51	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	IS:228(P-9): 1989, RA
52	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS:228(P-1): 1987, RA
53	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS:228(P-6): 1987, RA
54	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS:228(P-2): 1987, RA
55	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS:228(P-5): 1987, RA
56	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS:228(P-3): 1987, RA

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57	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS:228(P-8): 1989,RA
58	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS:228(P-9): 1989, RA
59	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage/Waste Water	Ammoniacal Nitrogen as NH3-N	IS:3025(P-34) 1988, RA
60	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage/Waste Water	Biological Oxygen Demand (BOD)	IS: 3025 (P-44) 1993 RA
61	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage/Waste Water	Chemical Oxygen Demand (COD)	IS: 3025 (P-58) 2006 RA
62	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage/Waste Water	Conductivity	IS:3025(P-14) 1984 RA
63	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage/Waste Water	Dissolved Oxygen	IS:3025(P-38) 1989 RA
64	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage/Waste Water	Fluoride as F	IS:3025(P-60) 2008 RA
65	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage/Waste Water	Nitrate as NO3	IS:3025(P-34) 1988 RA
66	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage/Waste Water	Nitrite as NO2	IS:3025(P-34) 1988 RA
67	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage/Waste Water	Oil & Grease	IS:3025(P-39) 1991 RA
68	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage/Waste Water	Phenolic compound	IS:3025(P-43) 1992 RA
69	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage/Waste Water	Phosphates as P	IS:3025(P-31) 1988 RA
70	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage/Waste Water	Suspended Matter	IS:3025 (P-17):1984 RA
71	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage/Waste Water	Total Kjeldhal’s Nitrogen	IS:3025(P-34) 1988 RA
72	CHEMICAL- POLLUTION & ENVIRONMENT	Effuent/Sewage/Waste Water	pH	IS: 3025 (P-11): 1983 RA
73	CHEMICAL- RESIDUES IN WATER	Waste Water	Aluminum as Al	IS:3025(P-55) 2003 RA
74	CHEMICAL- RESIDUES IN WATER	Waste Water	Copper as Cu	IS:3025(P-42) 1992 RA
75	CHEMICAL- RESIDUES IN WATER	Waste Water	Hexavalent Chromium as Cr6+	IS:3025(P-52) 2003 RA

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76	CHEMICAL- RESIDUES IN WATER	Waste Water	Manganese as Mn	IS:3025(P-59) 2006 RA
77	CHEMICAL- RESIDUES IN WATER	Waste Water	Total Chromium as Cr	IS:3025(P-52) 2003 RA
78	CHEMICAL- RESIDUES IN WATER	Waste Water	Zinc as Zn	IS:3025(P-49) 1994 RA
79	CHEMICAL- RESIDUES IN WATER	Water	Aluminum as Al	IS:3025(P-55)2003, RA
80	CHEMICAL- RESIDUES IN WATER	Water	Copper as Cu	IS:3025 (P-42) 1992, RA
81	CHEMICAL- RESIDUES IN WATER	Water	Manganese as Mn	IS:3025 (P-59) 1986, RA
82	CHEMICAL- RESIDUES IN WATER	Water	Nickel as Ni	IS:3025(P-54)2003, RA
83	CHEMICAL- RESIDUES IN WATER	Water	Total Chromium as Cr	IS:3025(P-52) 2003, RA
84	CHEMICAL- RESIDUES IN WATER	Water	Total Iron as Fe	IS: 3025 (P-53), 2003 RA
85	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonates	IS: 2720 (P-23)- 1986 RA
86	CHEMICAL- SOIL AND ROCK	Soil	Electrical Conductivity	IS: 14767
87	CHEMICAL- SOIL AND ROCK	Soil	Nitrogen	IS:14684:1999 RA
88	CHEMICAL- SOIL AND ROCK	Soil	Organic matter	IS:2720-P-22:1980, RA
89	CHEMICAL- SOIL AND ROCK	Soil	pH	IS:2720-P-26:1986, RA
90	CHEMICAL- SOIL AND ROCK	Soil	Silica	IS: 2720 (P-25)- 1986 RA
91	CHEMICAL- SOIL AND ROCK	Soil	Water soluble sulphates	IS:2720-P-27:1986, RA
92	CHEMICAL- WATER	Construction Water	Acidity 0.02N NaOH	IS:3025 (P-22) 1986 RA
93	CHEMICAL- WATER	Construction Water	Alkalinity 0.02N H2SO4	IS:3025 (P-23) :1983 RA
94	CHEMICAL- WATER	Construction Water	Chloride as Cl	IS:3025 (P-32) :1988 RA
95	CHEMICAL- WATER	Construction Water	In-organic solids	IS:3025(P-16): 1984, RA
96	CHEMICAL- WATER	Construction Water	pH	IS:3025 (P-11): 1983, RA

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97	CHEMICAL- WATER	Construction Water	Sulphate as SO4	IS:3025 (P-24) :1986 RA
98	CHEMICAL- WATER	Construction Water	Suspended Matter	IS: 3025 (P-17): 1984 RA
99	CHEMICAL- WATER	Drinking Water/Bore Well Water	Alkalinity	IS 3025 (P-23)
100	CHEMICAL- WATER	Drinking Water/Bore Well Water	Ammonical Nitrogen	IS:3025(P-34)
101	CHEMICAL- WATER	Drinking Water/Bore Well Water	Biological Oxygen Demand (BOD)	IS:3025 (P-44)
102	CHEMICAL- WATER	Drinking Water/Bore Well Water	Calcium as Ca	IS:3025(P-40):1991, RA
103	CHEMICAL- WATER	Drinking Water/Bore Well Water	Chemical Oxygen Demand (COD)	Is:3025(P-58)
104	CHEMICAL- WATER	Drinking Water/Bore Well Water	Chloride as Cl	IS:3025(P-32)
105	CHEMICAL- WATER	Drinking Water/Bore Well Water	Colour	IS:3025(p-4)
106	CHEMICAL- WATER	Drinking Water/Bore Well Water	Fixed Residue /Organic Solids	IS:3025 (P-18)
107	CHEMICAL- WATER	Drinking Water/Bore Well Water	Fluoride as F	APHA 4500 FD, 485,
108	CHEMICAL- WATER	Drinking Water/Bore Well Water	Free Residual Chlorine	IS:3025(P-26),
109	CHEMICAL- WATER	Drinking Water/Bore Well Water	In-organic solids	IS:3025(P-16
110	CHEMICAL- WATER	Drinking Water/Bore Well Water	Magnesium as Mg	Is:3025(P-46)
111	CHEMICAL- WATER	Drinking Water/Bore Well Water	Nitrate as NO3	IS:3025 (P-34)
112	CHEMICAL- WATER	Drinking Water/Bore Well Water	Odour	IS:3025(P-5):1983, RA
113	CHEMICAL- WATER	Drinking Water/Bore Well Water	Oil & Grease	IS:3025 (P-39) 1991, RA
114	CHEMICAL- WATER	Drinking Water/Bore Well Water	pH	IS:3025(P-11)
115	CHEMICAL- WATER	Drinking Water/Bore Well Water	Phenol Compound	IS:3025 (P-43) 1992, RA
116	CHEMICAL- WATER	Drinking Water/Bore Well Water	Phosphate as P	IS:3025 (P-31) 1988, RA
117	CHEMICAL- WATER	Drinking Water/Bore Well Water	Silica as Si	IS:3025(P-35) 1988 RA
118	CHEMICAL- WATER	Drinking Water/Bore Well Water	Sodium as Na	IS:3025 (P-45) 1993, RA
119	CHEMICAL- WATER	Drinking Water/Bore Well Water	Specific Conductivity	IS:3025 (P-14)
120	CHEMICAL- WATER	Drinking Water/Bore Well Water	Sulphate as SO4	IS:3025(P-24)
121	CHEMICAL- WATER	Drinking Water/Bore Well Water	Suspended matter	IS:3025(P-17)
122	CHEMICAL- WATER	Drinking Water/Bore Well Water	Total Dissolved Solid	IS:3025(P-16)
123	CHEMICAL- WATER	Drinking Water/Bore Well Water	Total Hardness as CaCO3	IS:3025 (P-21)
124	CHEMICAL- WATER	Drinking Water/Bore Well Water	Turbidity	IS:3025(P-10) 1984 RA
125	MECHANICAL- BUILDINGS MATERIALS	Bricks- Clay/ Fly ash Bricks	Compressive Strength	IS: 3495,Pt-1-1992, RA

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126	MECHANICAL- BUILDINGS MATERIALS	Bricks- Clay/ Fly ash Bricks	Dimension (Height)	IS:1077-1992, RA
127	MECHANICAL- BUILDINGS MATERIALS	Bricks- Clay/ Fly ash Bricks	Dimensions (Width)	IS:1077-1992, RA
128	MECHANICAL- BUILDINGS MATERIALS	Bricks- Clay/ Fly ash Bricks	Efflorescence	IS: 3495,Pt-3-1992, RA
129	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Compressive Strength	IS:6441P-5:1972 RA
130	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Moisture Content	IS:6441P-1:1972 RA
131	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Bulk Density	IS:6441P-1:1972 RA
132	MECHANICAL- BUILDINGS MATERIALS	Admixture	Ash Content	IS: 9103: 1999, RA
133	MECHANICAL- BUILDINGS MATERIALS	Admixture	Chloride Content	IS: 6925 (1973), RA
134	MECHANICAL- BUILDINGS MATERIALS	Admixture	Dry Material Content	IS: 9103 (1999), RA
135	MECHANICAL- BUILDINGS MATERIALS	Admixture	pH	IS: 9103 (1999), RA
136	MECHANICAL- BUILDINGS MATERIALS	Admixture	Relative Density	IS: 9103 (1999), RA
137	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS: 1206-1978 (Pt. – 2) RA
138	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS: 1208-1978 RA
139	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS: 1206-1978 (Pt. - 3) RA
140	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS: 1203-1978 RA
141	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS: 1205-1978 RA
142	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS: 1202-1978 RA
143	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulssion	Residue on 600 Micron Sieve	IS: 8887-2004 Annex. B, RA
144	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulssion	Viscosity by Ford Cup	IS: 1206-1978 (P.-1) RA

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145	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content	ASTM D2172
146	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Flow Test	ASTM D 6927
147	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshal Stability	ASTM D 6927
148	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Stripping Value	IS: 6241:1971 RA
149	MECHANICAL- BUILDINGS MATERIALS	Bricks Clay/ Fly ash Bricks	Dimension (Length)	IS:1077-1992, RA
150	MECHANICAL- BUILDINGS MATERIALS	Bricks- Clay/ Fly ash Bricks	Water absorption	IS: 3495,Pt-2-1992, RA
151	MECHANICAL- BUILDINGS MATERIALS	Cement	Autoclave Expansion	IS: 4031-Pt-3-1988 RA
152	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS:4031-Pt-6-1988 RA
153	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS: 4031-Pt-5-1988, RA
154	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blain’s Cell	IS:4031-Pt-2-1999 RA
155	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting time	IS: 4031-Pt-5-1988, RA
156	MECHANICAL- BUILDINGS MATERIALS	Cement	Normal consistency	IS: 4031-Pt-4-1988, RA
157	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness Le-chatelier	IS: 4031-Pt-3-1988 RA
158	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 % Fines Value	IS:2386 (Pt-4) 1963 RA
159	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS:2386 (Pt-3) 1963 RA
160	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS:2386 (Pt-4) 1963 RA
161	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS:2386 (Pt-1) 1963 RA
162	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS:2386 (Pt-1) 1963 RA
163	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact value	IS:2386 (Pt-4) 1963 RA

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164	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angles Abrasion Value	IS:2386 (Pt-4)1963 RA
165	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Moisture Content	IS:2386 Pt-3-1963, RA
166	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Polish stone Value	IS:2386 (Pt-4) 1963 RA
167	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS: 2386-Pt-1-1963, RA
168	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness	IS:2386 (P-5):1963,RA
169	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS: 2386-Pt-3-1963 RA
170	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS: 2386-Pt-3-1963 RA
171	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive strength	IS:516-1959, RA
172	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive strength of Accelerated Cured Concrete	IS:9013-1978, RA
173	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Block	Compressive Strength	IS: 15658-2006, RA
174	MECHANICAL- BUILDINGS MATERIALS	Concrete Paving Blocke	W.A.	IS: 15658-2006, RA
175	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS:2386 (Pt-3) 1963 RA
176	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 µ	IS: 2386-Pt-1-1963 RA
177	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS: 2386-Pt-1-1963 RA
178	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS: 2386-Pt-3-1963, RA
179	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS: 2386-Pt-3-1963, RA
180	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Blain's Cell	IS:1727-1967 RA
181	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Particles retain on 45µ IS sieve (wet sieving)	IS:1727-1967 RA
182	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Compaction factor	IS:1199-1959, RA

SCOPE OF ACCREDITATION

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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
183	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump test	IS:1199-1959, RA
184	MECHANICAL- BUILDINGS MATERIALS	Tile	Mohr's Hardness	IS: 13630 P-13
185	MECHANICAL- BUILDINGS MATERIALS	Tile	Water Absorption	IS: 13630 P-2
186	MECHANICAL- BUILDINGS MATERIALS	Wood	Density	1708-1986 RA
187	MECHANICAL- BUILDINGS MATERIALS	Wood	Moisture content	1708-1986 RA
188	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel bar for concrete Reinforcement	Mass per Meter	IS:1786-2008, RA
189	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel bar for concrete Reinforcement	Re-bend Test	IS:1786-2008, RA
190	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel bar for concrete Reinforcement	Bend Test	IS:1599
191	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel bar for concrete Reinforcement	Elongation	IS:1608 part1
192	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel bar for concrete Reinforcement	Ultimate Tensile Strength	IS:1608 part1
193	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel bar for concrete Reinforcement	Yield Stress	IS:1608 part1
194	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel	% of Elongation	IS:1608 part1
195	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel	Bend Test	IS:1599
196	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Structural Steel	Ultimate Tensile Strength	IS:1608 part1
197	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS: 2720 (Pt.-16) 1987 RA

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198	MECHANICAL- SOIL AND ROCK	Soil	Compaction by core cutter Method	IS: 2720 (Pt.-29) 1975 RA
199	MECHANICAL- SOIL AND ROCK	Soil	Compaction by sand replacement method	IS: 2720 (Pt.-28) 1974 RA
200	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS: 2720 (Pt.-40) 1977 RA
201	MECHANICAL- SOIL AND ROCK	Soil	Grain size Analysis (Wet sieving)	IS:2720 P-4-1985, RA
202	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS: 2720 (Pt.-8) 1983 RA
203	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS: 2720 (Pt.-8) 1983 RA
204	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS: 2720 (Pt.-7) 1980 RA
205	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS: 2720 (Pt.-7) 1980 RA
206	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS: 2720 (Pt.-5) 1985 RA
207	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS: 2720 (Pt.-5) 1985 RA
208	MECHANICAL- SOIL AND ROCK	Soil	Tri axial Test with Pore Pressure measurement (C)	IS: 2720 (Pt.-12) 1981 RA
209	MECHANICAL- SOIL AND ROCK	Soil	Tri axial Test with Pore Pressure measurement (Phi)	IS: 2720 (Pt.-12) 1981 RA
210	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Material - Reinforced Concrete Structure	Ultrasonic Pulse Velocity Test	IS 516 Part 5
211	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Reinforced Concrete Structure	Concrete Cover Test	BS: 1881 (P-204)
212	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Reinforced Concrete Structure	Corrosion Potential Of Uncoated Reinforcing Steel	ASTM-C-876
213	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Reinforced Concrete Structure	Rebound Hammer	IS: 13311 (P-2)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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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
Site Facility				
1	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Material - Reinforced Concrete Structure	Ultrasonic Pulse Velocity Test	IS 516 Part 5
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Reinforced Concrete Structure	Concrete Cover Test	BS: 1881 (P-204)
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Reinforced Concrete Structure	Corrosion Potential Of Uncoated Reinforcing Steel	ASTM-C-876
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Materials - Reinforced Concrete Structure	Rebound Hammer	IS: 13311 (P-2)