National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ETTL, PLOT NO. 78, INDRAPRASTH COLONY, JAIPUR, RAJASTHAN, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-9804 **Page No** 1 of 12
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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
LOCATION 1-PLOT NO. 78, INDRAPRASTH COLONY, JAIPUR, RAJASTHAN, INDIA Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride Content	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	Aggregates	Alkali Aggregate Reactivity-Reduction in Alkalinity	IS 2386
7	CHEMICAL- BUILDING MATERIAL	Aggregates	Alkali Aggregates Reactivity-Dissolved Silica	IS 2386 (Part 7)
8	CHEMICAL- BUILDING MATERIAL	Cement	Alumina as Al2O3	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement	Calcium Oxide as CaO	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Cement	Insoluble Residue	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement	Iron Oxide as Fe2O3	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement	Magnesia as MgO	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement	Potassium Oxide as K2O	IS 4032
14	CHEMICAL- BUILDING MATERIAL	Cement	Silica as SiO2	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement	Sodium Oxide as Na2O	IS 4032
16	CHEMICAL- BUILDING MATERIAL	Cement	Sulphate as SO3	IS 4032
17	CHEMICAL- BUILDING MATERIAL	Cement	Total Chloride Content	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Cement	Total loss on Ignition	IS 4032

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19	CHEMICAL- BUILDING MATERIAL	Fly ash	Combined Aluminium Oxide (Al2O3) + Iron Oxide (Fe2O3)	IS 1727
20	CHEMICAL- BUILDING MATERIAL	Fly ash	Silicon Dioxide (SiO2)	IS 1727
21	CHEMICAL- BUILDING MATERIAL	Fly ash	Sulphate as (SO3)	IS 1727
22	CHEMICAL- BUILDING MATERIAL	Fly ash	Total Chloride Content	IS 4032
23	CHEMICAL- BUILDING MATERIAL	Fly ash	Total Loss on Ignition	IS 1727
24	CHEMICAL- BUILDING MATERIAL	Lime	Calcium Oxide (CaO)	IS 6932 (Part 1)
25	CHEMICAL- BUILDING MATERIAL	Lime	Ferric Oxde (Fe2O3) & Alumina Oxide (Al2O3)	IS 6932 (Part 1)
26	CHEMICAL- BUILDING MATERIAL	Lime	Insoluble Residue Dilute Acid & Alkali	IS 6932 (Part 1)
27	CHEMICAL- BUILDING MATERIAL	Lime	Loss in Ignition	IS 6932 (Part 1)
28	CHEMICAL- BUILDING MATERIAL	Lime	Magnesium Oxide (MgO)	IS 6932 (Part 1)
29	CHEMICAL- BUILDING MATERIAL	Lime	Silicon Dioxide (SiO2)	IS 6932 (Part 1)
30	CHEMICAL- METALS & ALLOYS	Mass of Zinc Coating	Mass of Zinc Coating	IS 6745
31	CHEMICAL- METALS & ALLOYS	Mild Steel/ Low Alloy Steel	Carbon	IS 228 (Part 1)
32	CHEMICAL- METALS & ALLOYS	Mild Steel/ Low Alloy Steel	Manganese	IS 228 (Part 2, Clause 4)
33	CHEMICAL- METALS & ALLOYS	Mild Steel/ Low Alloy Steel	Phosphorus	IS 228 (Part 3)
34	CHEMICAL- METALS & ALLOYS	Mild Steel/ Low Alloy Steel	Silicon	IS 228 (Part 8)
35	CHEMICAL- METALS & ALLOYS	Mild Steel/ Low Alloy Steel	Sulphur	IS 228 (Part 9)
36	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 228 (Part 1)
37	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 228 (Part 6)

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38	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 228 (Part 2, Clause 4)
39	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (Part 5)
40	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 228 (Part 3)
41	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 228 (Part 8)
42	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 228 (Part 9)
43	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonate	IS 2720 (Part 23)
44	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (Part 22)
45	CHEMICAL- SOIL AND ROCK	Soil	pH Value	IS 2720 (Part 26)
46	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Solid	IS 2720 (Part 2)
47	CHEMICAL- SOIL AND ROCK	soil	Total Soluble Sulphate	IS 2720 (Part 27)
48	CHEMICAL- WATER	Drinking Water	Alkalinity	IS 3025 (Part 24)
49	CHEMICAL- WATER	Drinking Water	Chloride (as Cl)	IS 3025 (Part 32)
50	CHEMICAL- WATER	Drinking Water	Fluoride (as F)	APHA 4500 22nd Edition
51	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	IS 3025 (Part 26)
52	CHEMICAL- WATER	Drinking Water	Iron as Fe	IS 3025 (Part 53)
53	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
54	CHEMICAL- WATER	Drinking Water	pH Value	IS 3025 (Part 11)
55	CHEMICAL- WATER	Drinking Water	Sulphates as SO4	IS 3025 (Part 24)
56	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 8)
57	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	IS 3025 (Part 6)
58	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (Part 21)
59	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
60	CHEMICAL- WATER	Water for Construction Purpose	Chloride (as Cl)	IS 3025 (Part 32)
61	CHEMICAL- WATER	Water for Construction Purpose	Inorganic (Fixed)	IS 3025 (Part 18)

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62	CHEMICAL- WATER	Water for Construction Purpose	ml of 0.02N H2SO4 required to neutralize 100 ml of Water Sample, using Mixed Indicator	IS 3025 (Part 22)
63	CHEMICAL- WATER	Water for Construction Purpose	ml of 0.02N NaOH required to neutralize 100 ml of Water Sample, using Phenolphthalein Indicator	IS 3025 (Part 22)
64	CHEMICAL- WATER	Water for Construction Purpose	Organic (Volatile)	IS 3025 (Part 18)
65	CHEMICAL- WATER	Water for Construction Purpose	pH Value	IS 3025 (Part 11)
66	CHEMICAL- WATER	Water for Construction Purpose	Sulphate (as SO3)	IS 3025 (Part 24)
67	CHEMICAL- WATER	Water for Construction Purpose	Suspended Matter	IS 3025 (Part 17)

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LOCATION 2 - PLOT NO. 8, WEST LINK AVENUE, 11 STREET, VATIKA INFOTECH CITY, THIKARIYA AJMER ROAD, JAIPUR, RAJASTHAN, INDIA Permanent Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Admixture	Slump	IS 1199
2	MECHANICAL- BUILDINGS MATERIALS	Admixture	Air Content	IS 1199
3	MECHANICAL- BUILDINGS MATERIALS	Admixture	Bleeding	IS 9103
4	MECHANICAL- BUILDINGS MATERIALS	Admixture	Compressive Strength	IS 516
5	MECHANICAL- BUILDINGS MATERIALS	Admixture	Flexural Strength	IS 516
6	MECHANICAL- BUILDINGS MATERIALS	Admixture	Length Change	IS 1199
7	MECHANICAL- BUILDINGS MATERIALS	Admixture	Setting Time	IS 8142
8	MECHANICAL- BUILDINGS MATERIALS	Admixture	Water Content	IS 9013
9	MECHANICAL- BUILDINGS MATERIALS	Admixture	Workability	IS 1199
10	MECHANICAL- BUILDINGS MATERIALS	Asphalt Mix, Bituminous Mix	Binder Content	ASTM D2172
11	MECHANICAL- BUILDINGS MATERIALS	Asphalt Mix, Bituminous Mix	Density	ASTM D2726
12	MECHANICAL- BUILDINGS MATERIALS	Asphalt Mix, Bituminous Mix	Marshal Stability/ Flow Test	ASTM D6927
13	MECHANICAL- BUILDINGS MATERIALS	Asphalt Mix, Bituminous Mix	Thickness	MORTH Specn-500 5th Revision
14	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Block	Density	IS 6441 (Part 5)
15	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Block	Compressive Strength	IS 6441 (Part 5)
16	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206
17	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
18	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash & Fire Point	IS 1448 (Part 69)

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19	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinemetic Viscosity	IS 1206
20	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1205
21	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
22	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Solubility in Trichloro Ethylene	IS 1216
23	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
24	MECHANICAL- BUILDINGS MATERIALS	Brick	Compressive Strength (Burnt Clay & Fly Ash)	IS 3495 (Part 1)
25	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension- Height	IS 1077/ IS 12894
26	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension- Length	IS 1077/ IS 12894
27	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension- Width	IS 1077/ IS 12894
28	MECHANICAL- BUILDINGS MATERIALS	Brick (Burnt Clay & Fly Ash)	Efflorescence	IS 3495 (Part 3)
29	MECHANICAL- BUILDINGS MATERIALS	Brick (Burnt Clay & Fly Ash)	Water Absorption	IS 3495 (Part 2)
30	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Compressive Strength	IS 4031 (Part 6)
31	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Consistency	IS 4031 (Part 4)
32	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Density	IS 4031 (Part 11)
33	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Final Setting Time	IS 4031 (Part 5)
34	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Finesse (Blaine's Method)	IS 4031 (Part 2)
35	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Initial Setting Time	IS 4031 (Part 5)
36	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC & PPC)	Soundness (Autoclave Method)	IS 4031 (Part 3)
37	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Water Absorption	IS 1237

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38	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Tiles	Wet Transverse Strength	IS 1237
39	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	10% Fines Value	IS 2386 (Part 4)
40	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate Crushing Value	IS 2386 (Part 4)
41	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Aggregate Impact Value	IS 2386 (Part 4)
42	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density (Loose & Rodded)	IS 2386 (Part 3)
43	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Deleterious Materials	IS 2386 (Part 2)
44	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1)
45	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1)
46	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Los Angeles Abrasion Value	IS 2386 (Part 4)
47	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Polished Stone Value	IS 2386 (Part 4)
48	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (2.36 mm to 100 mm)	IS 2386 (Part 1)
49	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness	IS 2386 (Part 5)
50	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (Part 3)
51	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Stripping Value	IS 6241
52	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (Part 3)
53	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength	IS 516
54	MECHANICAL- BUILDINGS MATERIALS	Concrete	Tensile Split Strength	IS 5816
55	MECHANICAL- BUILDINGS MATERIALS	Door Shutter	Dimension and Squareness, General Flatness	IS 4020 (Part 2)
56	MECHANICAL- BUILDINGS MATERIALS	Door Shutter	Dimension and Squareness, General Flatness	IS 4020 (Part 3)

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57	MECHANICAL- BUILDINGS MATERIALS	Door Shutter	Edge Loading Test	IS 4020 (Part 7)
58	MECHANICAL- BUILDINGS MATERIALS	Door Shutter	Impact Indentation Test	IS 4020 (Part 5)
59	MECHANICAL- BUILDINGS MATERIALS	Door Shutter	Local Planeness	IS 4020 (Part 4)
60	MECHANICAL- BUILDINGS MATERIALS	Door Shutter	Screw Withdrawal Resistance Test	IS 4020 (Part 16)
61	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk density (Loose & Rodded)	IS 2386 (Part 3)
62	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulking	IS 2386 (Part 3)
63	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Clay & Lumps	IS 2386 (Part 2)
64	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Deleterious Materials	IS 2386 (Part 2)
65	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (45 microns to 20 mm)	IS 2386 (Part 1)
66	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Silt Content	IS 2386 (Part 2)
67	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Silt Content	IS 2386 (Part 2)
68	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness	IS 2386 (Part 5)
69	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3)
70	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (Part 3)
71	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness (Blaine's Method)	IS 1727
72	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS 1727
73	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete Mix	Bulk Density	IS 1199
74	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete Mix	Compaction Factor	IS 1199
75	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete Mix	Slump - Consistency	IS 1199

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76	MECHANICAL- BUILDINGS MATERIALS	Glass Beads	Free Flow Test	BS 3262 (Part 1)
77	MECHANICAL- BUILDINGS MATERIALS	Glass Beads	Roundness- Microscopic	BS 3262 (Part 1)
78	MECHANICAL- BUILDINGS MATERIALS	Glass Beads	Sieve Analysis	BS 3262 (Part 1)
79	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete (Cube/ Core/ Cylinder Core)	Compressive Strength	IS 516
80	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paver Block	Compressive Strength	IS 15658
81	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paver Block	Dimensions- Thickness	IS 15658
82	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paver Block	Flexural Strength	IS 15658
83	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paver Block	Visual Inspection	IS 15658
84	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paver Block	Water Absorption	IS 15658
85	MECHANICAL- BUILDINGS MATERIALS	Steel Reinforcement/ Structural Steel	Bend	IS 1599
86	MECHANICAL- BUILDINGS MATERIALS	Steel Reinforcement/ Structural Steel	Charpy Impact Test	IS 1757
87	MECHANICAL- BUILDINGS MATERIALS	Steel Reinforcement/ Structural steel	Elongation	IS 1608 (Part 1)
88	MECHANICAL- BUILDINGS MATERIALS	Steel Reinforcement/ Structural Steel	Mass per meter	IS 1786
89	MECHANICAL- BUILDINGS MATERIALS	Steel Reinforcement/ Structural Steel	Re-Bend	IS 1599
90	MECHANICAL- BUILDINGS MATERIALS	Steel Reinforcement/ Structural Steel	Ultimate Tensile Strength	IS 1608 (Part 1)
91	MECHANICAL- BUILDINGS MATERIALS	Steel Reinforcement/ Structural Steel	Yield Stress	IS 1608 (Part 1)
92	MECHANICAL- BUILDINGS MATERIALS	Tiles	Dimension (Length/ Width)	IS 1237
93	MECHANICAL- BUILDINGS MATERIALS	Tiles	Modulus of Rapture	IS 13630 (Part 6)
94	MECHANICAL- BUILDINGS MATERIALS	Tiles	Resistance to Chemical	IS 13630 (Part 7)

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95	MECHANICAL- BUILDINGS MATERIALS	Tiles	Straightness, %	IS 1237
96	MECHANICAL- BUILDINGS MATERIALS	Tiles	Water Absorption	IS 1237
97	MECHANICAL- SOIL AND ROCK	Marble	Specific Gravity	IS 1122
98	MECHANICAL- SOIL AND ROCK	Marble	Water Absorption	IS 1124
99	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
100	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear (Angle of Internal Friction)	IS 2720 (Part 13)
101	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear (Cohesion)	IS 2720 (Part 13)
102	MECHANICAL- SOIL AND ROCK	Soil	Dry Sieve Analysis	IS 2720 (Part 4)
103	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
104	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part 7)
105	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 7)
106	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2)
107	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
108	MECHANICAL- SOIL AND ROCK	Soil	Plate Load	IS 1888
109	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3, Section 1)
110	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Compression	IS 2720 (Part 11)
111	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)
112	MECHANICAL- SOIL AND ROCK	Soil	Wet Sieve Analysis	IS 2720 (Part 4)
113	MECHANICAL- SOIL AND ROCK	Soil/ Ballast	EV2	DIN 18134

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114	MECHANICAL- SOIL AND ROCK	Soil/ GSB/ Blanket	CBR Value	IS 2720 (Part 16)
115	MECHANICAL- SOIL AND ROCK	Soil/ GSB/ WMM/ Blanket	Heavy Compaction (MDD)	IS 2720 (Part 8)
116	MECHANICAL- SOIL AND ROCK	Soil/ GSB/ WMM/ Blanket	Heavy Compaction (OMC)	IS 2720 (Part 8)

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LOCATION 2 - PLOT NO. 8, WEST LINK AVENUE, 11 STREET, VATIKA INFOTECH CITY, THIKARIYA AJMER ROAD, JAIPUR, RAJASTHAN, INDIA Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Electrical Resistivity	IS 3043
2	MECHANICAL- SOIL AND ROCK	Soil	Dry Density by Core Cutter Method	IS 2720 (Part 28)
3	MECHANICAL- SOIL AND ROCK	Soil	Standard Penetration Test	IS 2131
4	MECHANICAL- SOIL AND ROCK	Soil (GSB, WMM, Blanket)	Dry Density by Sand Replacement Method	IS 2720 (Part 28)
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation	IS 516 (Part 2, Section 4)
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half Cell Potentials of Uncoated Reinforcing Steel in Concrete	ASTM C876
7	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 516 (Part 5, Section 4)
8	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse Velocity	IS 516 (Part 5, Section 1)