



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

TELFORD TEST HOUSE

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

AZAD VIHAR COLONY, MIRANPUR PINVAT, KANPUR LUCKNOW ROAD, LUCKNOW, UTTAR PRADESH,
INDIA

in the field of

TESTING

Certificate Number: TC-5033

Issue Date: 28/06/2023

Valid Until: 27/06/2025

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: Telford Test House

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TELFORD TEST HOUSE, AZAD VIHAR COLONY, MIRANPUR PINVAT, KANPUR LUCKNOW
ROAD, LUCKNOW, UTTAR PRADESH, 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	Particulate Matter (PM 10)	IS 5182 (Part 23)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM 2.5)	IS 5182 (Part 24)
3	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Manganese	IS 8811
4	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Nickel	IS 8811
5	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Phosphorus	IS 8811
6	CHEMICAL- METALS & ALLOYS	Low Allow Steel	Sulphur	IS 8811
7	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	IS 8811
8	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium	IS 8811
9	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	IS 8811
10	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonate	IS 2720 (Part 23)
11	CHEMICAL- SOIL AND ROCK	Soil	Chloride	BS 1377 (Part 3)
12	CHEMICAL- SOIL AND ROCK	Soil	Electrical Conductivity	IS 14767
13	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (Part 22)
14	CHEMICAL- SOIL AND ROCK	Soil	pH Value	IS 2720 (Part 26)
15	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Sulphate	IS 2720 (Part 27)
16	CHEMICAL- WATER	Industrial Water	Alkalinity	IS 3025 (Part 23)
17	CHEMICAL- WATER	Industrial Water	Biochemical Oxygen Demand (BOD)	IS 3025 (Part 44)
18	CHEMICAL- WATER	Industrial Water	Calcium	APHA 23rd Edition 3500 Ca
19	CHEMICAL- WATER	Industrial Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)



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20	CHEMICAL- WATER	Industrial Water	Chloride	IS 3025 (Part 32)
21	CHEMICAL- WATER	Industrial Water	Dissolved Oxygen (DO)	IS 3025 (Part 28)
22	CHEMICAL- WATER	Industrial Water	Electrical Conductivity	IS 3025 (Part 14)
23	CHEMICAL- WATER	Industrial Water	Magnesium	APHA 23rd Edition 3500 Mg
24	CHEMICAL- WATER	Industrial Water	pH Value	IS 3025 (Part 11)
25	CHEMICAL- WATER	Industrial Water	Sulphate	IS 3025 (Part 24)
26	CHEMICAL- WATER	Industrial Water	Total Dissolved Solid (TDS)	IS 3025 (Part 16)
27	CHEMICAL- WATER	Industrial Water	Total Hardness	APHA 23rd Edition 2340 C
28	CHEMICAL- WATER	Water for Construction Purpose	Acidity (Volume of 0.02 N NaOH required to Neutralize 100 ml Sample of Water using Phenolphthalein as an Indicator)	IS 3025 (Part 22)
29	CHEMICAL- WATER	Water for Construction Purpose	Alkalinity (Volume of 0.02 N H2SO4 required to Neutralize 100 ml Sample of Water using Mixed Indicator)	IS 3025 (Part 23)
30	CHEMICAL- WATER	Water for Construction Purpose	Chloride	IS 3025 (Part 32)
31	CHEMICAL- WATER	Water for Construction Purpose	Inorganic Solid	IS 3025 (Part 18)
32	CHEMICAL- WATER	Water for Construction Purpose	Organic Solid	IS 3025 (Part 18)
33	CHEMICAL- WATER	Water for Construction Purpose	pH Value	IS 3025 (Part 11)
34	CHEMICAL- WATER	Water for Construction Purpose	Sulphate Content	IS 3025 (Part 24)
35	CHEMICAL- WATER	Water for Construction Purpose	Total Suspended Solid	IS 3025 (Part 17)
36	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Binder Content	IRC SP 11 (Appendix-5C)
37	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
38	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Fire Point	IS 1448 (Part 69)
39	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point	IS 1448 (Part 69)
40	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Loss on Heating	IS 1212
41	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205



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42	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
43	MECHANICAL- BUILDINGS MATERIALS	Bitumen (PMB/CRMB)	Air Voids Ratio	MS-2 (7th Edition)
44	MECHANICAL- BUILDINGS MATERIALS	Bitumen (PMB/CRMB)	Density of Bituminous Core	MS-2 (7th Edition)
45	MECHANICAL- BUILDINGS MATERIALS	Bitumen (PMB/CRMB)	Absolute Viscosity @60°C	IS 1206 (Part 2)
46	MECHANICAL- BUILDINGS MATERIALS	Bitumen (PMB/CRMB)	Elastic Recovery	IS 15462 (Annexure A)
47	MECHANICAL- BUILDINGS MATERIALS	Bitumen (PMB/CRMB)	Gmm	ASTM D2041
48	MECHANICAL- BUILDINGS MATERIALS	Bitumen (PMB/CRMB)	Marshall Stability	ASTM D1559
49	MECHANICAL- BUILDINGS MATERIALS	Bitumen (PMB/CRMB)	Penetration	IS 1203
50	MECHANICAL- BUILDINGS MATERIALS	Bitumen (PMB/CRMB)	Kinematic Viscosity @135°C	IS 1206 (Part 3)
51	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage Stability	IS 8887 (Annex D)
52	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Solubility in Trichloroethylene	IS 1216
53	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Stability to Mixing with Cement	IS 8887 (Annex G)
54	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by Saybolt @25°C	IS 3117
55	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Viscosity by Saybolt @50°C	IS 3117
56	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue by Evaporation	IS 8887
57	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600 Micron	IS 8887
58	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/ Fly ash Bricks	Compressive Strength	IS 3495 (Part 1)
59	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/ Fly ash Bricks	Dimension (Height)	IS 1077 (Clause 6.2.1)
60	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/ Fly ash Bricks	Dimension (Length)	IS 1077 (Clause 6.2.1)



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61	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/ Fly ash Bricks	Dimension (Width)	IS 1077 (Clause 6.2.1)
62	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/ Fly ash Bricks	Efflorescence	IS 3495 (Part 3)
63	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks/ Fly ash Bricks	Water Absorption	IS 3495 (Part 2)
64	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part 6)
65	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part 4)
66	MECHANICAL- BUILDINGS MATERIALS	Cement	Final setting	IS 4031 (Part 5)
67	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part 5)
68	MECHANICAL- BUILDINGS MATERIALS	Cement	Specific Gravity	IS 4031 (Part 2)
69	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Flatness	IS 13801 (Annex B)
70	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Perpendicularity	IS 13801 (Annex C)
71	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Straightness	IS 13801 (Annex D)
72	MECHANICAL- BUILDINGS MATERIALS	Chequered Tiles	Water Absorption	IS 13801 (Annex E)
73	MECHANICAL- BUILDINGS MATERIALS	Clay Brick	Compressive Strength	IS 3495 (Part 1)
74	MECHANICAL- BUILDINGS MATERIALS	Coarse & Fine Aggregate	Soundness	IS 2386 (Part 5)
75	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
76	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Content (Clay Lumps)	IS 2386 (Part 2)
77	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Content (Coal & Lignite)	IS 2386 (Part 2)
78	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Content (Soft Particles)	IS 2386 (Part 2)
79	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion Value	IS 2386 (Part 4)



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80	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Material Finer than 75 micron	IS 2386 (Part 1)
81	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS 2386 (Part 4)
82	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
83	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
84	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
85	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Polished Stone Value	IS 2386 (Part 4) & BS 812 (Part 114)
86	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 mm to 100 mm)	IS 2386 (Part 1)
87	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
88	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Stripping Value	IS 6241
89	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
90	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Wet Aggregate Impact Value	IS 5640
91	MECHANICAL- BUILDINGS MATERIALS	Concrete Beam	Flexural Strength	IS 516 (Part 1/Sec 1)
92	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube & Concrete Core	Compressive Strength	IS 516 (Part 4)
93	MECHANICAL- BUILDINGS MATERIALS	Ferrous Materials & Alloy Product	Bend Test	IS 1599
94	MECHANICAL- BUILDINGS MATERIALS	Ferrous Materials & Alloy Product	Cross Section Area	IS 1608 (Part 1)
95	MECHANICAL- BUILDINGS MATERIALS	Ferrous Materials & Alloy Product	Re-Bend Test	IS 1786
96	MECHANICAL- BUILDINGS MATERIALS	Ferrous Materials & Alloy Product	Percentage Elongation	IS 1786
97	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of Sand	IS 2386 (Part 3)
98	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Content (Clay & Lumps)	IS 2386 (Part 2)



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99	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Content (Coal & Lignite)	IS 2386 (Part 2)
100	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 Micron	IS 2386 (Part 1)
101	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sand Equivalent Value	IS 2720 (Part 37)
102	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (Part 1)
103	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer than 75 Micron	IS 2386 (Part 1)
104	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
105	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
106	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727
107	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Wet Sieving (45 micron)	IS 1727
108	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Lime Reactivity Compressive Strength of 8 Days	IS 1727
109	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Soundness by Autoclave	IS 1727
110	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS 1727
111	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by Blaine Air Permeability	IS 1727
112	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness Test by Le-Chatelier	IS 1727
113	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Air Content	IS 1199 (Part 4)
114	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Test	IS 1199 (Part 2)
115	MECHANICAL- BUILDINGS MATERIALS	Grout Material	Bleeding	ASTM C940
116	MECHANICAL- BUILDINGS MATERIALS	Grout Material	Compressive Strength	ASTM C942
117	MECHANICAL- BUILDINGS MATERIALS	Grout Material	Flow	ASTM C939



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118	MECHANICAL- BUILDINGS MATERIALS	Grout Material	Setting Time	ASTM C953
119	MECHANICAL- BUILDINGS MATERIALS	Grout Material	Volume Changes in Height	ASTM C1090
120	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete Cube/ CC Core	Depth of Water Penetration	IS 516 (Part 2/Sec 1)
121	MECHANICAL- BUILDINGS MATERIALS	OPC & PPC	Soundness by Autoclave	IS 4031 (Part 3)
122	MECHANICAL- BUILDINGS MATERIALS	OPC & PPC	Soundness by Le-Chatelier	IS 4031 (Part 3)
123	MECHANICAL- BUILDINGS MATERIALS	OPC & PPC	Fineness by Blaine Air Permeability	IS 4031 (Part 2)
124	MECHANICAL- BUILDINGS MATERIALS	OPC & PPC	Fineness by Dry Sieving (90 micron)	IS 4031 (Part 1)
125	MECHANICAL- BUILDINGS MATERIALS	OPC & PPC	Fineness by Wet Sieving	IS 4031 (Part 15)
126	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Length	IS 15658 (Annex B)
127	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Thickness of Wearing Layer	IS 15658 (Clause 6.2.3)
128	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Thickness	IS 15658 (Annex B)
129	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658 (Annex C)
130	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Width	IS 15658 (Annex B)
131	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
132	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Flexural Strength	IS 15658
133	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloy Product	0.2% Proof Stress	IS 1608 (Part 1)
134	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloy Product	Young Modulus	IS 2854
135	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pre-Stressing Strands, Steel Wire, Steel Rope	Cross Sectional Area – Metallic Area	IS 14268 (Annex B-1)



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136	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pre-Stressing Strands, Steel Wire, Steel Rope	Mass per Meter	IS 14268 (Annex B-2)
137	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pre-Stressing Strands, Steel Wire, Steel Rope	Percentage Elongation	IS 1608 (Part 1)
138	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pre-Stressing Strands, Steel Wire, Steel Rope	Proof Load	IS 1608 (Part 1)
139	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pre-Stressing Strands, Steel Wire, Steel Rope	Ultimate Tensile Strength (UTS)	IS 1608 (Part 1)
140	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pre-Stressing Strands, Steel Wire, Steel Rope	Breaking Strength	IS 1608 (Part 1)
141	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Elongation	IS 1608 (Part 1)
142	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Nominal Mass/meter	IS 1786
143	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Ultimate Tensile Strength	IS 1608 (Part 1)
144	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Yield Strength	IS 1608 (Part 1)
145	MECHANICAL- SOIL AND ROCK	Clay & Soils	Grain Size Analysis	IS 2720 (Part 4)
146	MECHANICAL- SOIL AND ROCK	Clay & Soils	Shrinkage Limit	IS 2720 (Part 6)
147	MECHANICAL- SOIL AND ROCK	Clays & Rocks	California Bearing Ratio	IS 2720 (Part 16)
148	MECHANICAL- SOIL AND ROCK	Clays & Soils	Free Swell Index	IS 2720 (Part 40)
149	MECHANICAL- SOIL AND ROCK	Clays & Soils	Grain Size Analysis	IS 2720 (Part 4)
150	MECHANICAL- SOIL AND ROCK	Clays & Soils	Heavy Compaction (MDD)	IS 2720 (Part 8)



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151	MECHANICAL- SOIL AND ROCK	Clays & Soils	Liquid Limit	IS 2720 (Part 5)
152	MECHANICAL- SOIL AND ROCK	Clays & Soils	Optimum Moisture content (OMC)	IS 2720 (Part 8)
153	MECHANICAL- SOIL AND ROCK	Clays & Soils	Plastic Limit	IS 2720 (Part 5)
154	MECHANICAL- SOIL AND ROCK	Clays & Soils	Water Content (Dry Method)	IS 2720 (Part 2)
155	MECHANICAL- SOIL AND ROCK	Embankment/ Sub-grade/ GSB/ WBM/ WMM/ Blanket	Plate Load Test	IS 1888
156	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Strength	IS 2720 (Part 13)
157	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Strength (Cohesion)	IS 2720 (Part 13)
158	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Shear Strength (UUC)	IS 2720 (Part 11)
159	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial Shear Strength (UUC) - Angle of Shear	IS 2720 (Part 11)
160	MECHANICAL- SOIL AND ROCK	Soil & Rock	Ev2	DIN 18134/ RDSO GE 14
161	MECHANICAL- SOIL AND ROCK	Soil/ Fly ash/ Pond ash/ GSB/ WBM/ WMM	Consolidation Test	IS 2720 (Part 15)
162	MECHANICAL- SOIL AND ROCK	Soil/ Fly ash/ Pond ash/ GSB/ WBM/ WMM	Grain Size Analysis by Hydrometer (GSA)	IS 2720 (Part 4)
163	MECHANICAL- SOIL AND ROCK	Soil/ Fly ash/ Pond ash/ GSB/ WBM/ WMM	Specific Gravity	IS 2720 (Part 3/ Sec 1)



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Site Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Bituminous/ Concrete Road section	Bridge Load Test	IRC SP 51
2	MECHANICAL- BUILDINGS MATERIALS	Concrete Structure	Pile Load Test (Lateral Load Test)	IS 2911 (Part 4)
3	MECHANICAL- BUILDINGS MATERIALS	Concrete Structure	Pile Load Test (Static Load Test)	IS 2911 (Part 4)
4	MECHANICAL- SOIL AND ROCK	Soil & Rock	Standard Penetration Test (Soil Investigation Test N, value)	IS 2131
5	MECHANICAL- SOIL AND ROCK	Soil/ Fly ash/ Pond ash/ GSB/ WBM/ WMM/ CTSB	Field Dry Density by Core Cutting Method	IS 2720 (Part 29)
6	MECHANICAL- SOIL AND ROCK	Soil/ Fly ash/ Pond ash/ GSB/ WBM/ WMM/ CTSB	Field Dry Density by Sand Replacement	IS 2720 (Part 28)
7	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	PIT (Pile Integrity Test)	ASTM D5882
8	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Rebound Hammer Test	IS 516 (Part 5/Sec 4)
9	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Ultrasonic Pulse Velocity	IS 516 (Part 5/Sec 1)