



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

<b>Laboratory Name :</b>	ARUN SOIL LAB PRIVATE LIMITED, 636/110 BUDH VIHAR, LUCKNOW, UTTAR PRADESH, INDIA	<b>Page No</b>	1 of 11
<b>Accreditation Standard</b>	ISO/IEC 17025:2017	<b>Last Amended on</b>	-
<b>Certificate Number</b>	TC-10081		
<b>Validity</b>	16/11/2021 to 15/11/2023		

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 Ion	IS 6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH Value	IS 9103 (Annexure E)
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Cement OPC	Alumina	IS 4032 (Clause 4.6)
7	CHEMICAL- BUILDING MATERIAL	Cement OPC	Calcium Oxide	IS 4032 (Clause 4.7)
8	CHEMICAL- BUILDING MATERIAL	Cement OPC	Ferric Oxide	IS 4032 (Clause 4.5)
9	CHEMICAL- BUILDING MATERIAL	Cement OPC	Insoluble Residue	IS 4032 (Clause 4.10)
10	CHEMICAL- BUILDING MATERIAL	Cement OPC	Loss on Ignition	IS 4032 (Clause 4.2)
11	CHEMICAL- BUILDING MATERIAL	Cement OPC	Magnesia	IS 4032 (Clause 4.8)
12	CHEMICAL- BUILDING MATERIAL	Cement OPC	Silica	IS 4032 (Clause 4.3)
13	CHEMICAL- BUILDING MATERIAL	Cement OPC	Sulphuric Anhydride	IS 4032 (Clause 4.9)
14	CHEMICAL- BUILDING MATERIAL	Cement PPC	Insoluble Residue	IS 4032 (Clause 7.4)
15	CHEMICAL- BUILDING MATERIAL	Cement PPC	Loss on Ignition	IS 4032 (Clause 7.1)
16	CHEMICAL- BUILDING MATERIAL	Cement PPC	Magnesia	IS 4032 (Clause 7.2)
17	CHEMICAL- BUILDING MATERIAL	Cement PPC	Sulphuric Anhydride	IS 4032 (Clause 7.3)
18	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Alkali Aggregate Reactivity (Reduction in Alkalinity)	IS 2386 (Part 7)



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19	CHEMICAL- BUILDING MATERIAL	Coarse Aggregate	Alkali Aggregate Reactivity (Dissolved Silica)	IS 2386 (Part 7)
20	CHEMICAL- METALS & ALLOYS	Steel	Carbon	IS 228 (Part 1)
21	CHEMICAL- METALS & ALLOYS	Steel	Manganese	IS 228 (Part 2)
22	CHEMICAL- METALS & ALLOYS	Steel	Phosphorus	IS 228 (Part 3)
23	CHEMICAL- METALS & ALLOYS	Steel	Silicon	IS 228 (Part 8)
24	CHEMICAL- METALS & ALLOYS	Steel	Sulphur	IS 228 (Part 9)
25	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonate	IS 2720 (Part 33)
26	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (Part 22)
27	CHEMICAL- SOIL AND ROCK	Soil	pH Value	IS 2720 (Part 26)
28	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Solids	IS 2720 (Part 21)
29	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Sulfate	IS 2720 (Part 27)
30	CHEMICAL- WATER	Water for construction purpose	Acidity (Volume of 0.02N NaOH use to neutralize 100 ml sample using Phenolphthalein as indicator)	IS 3025 (Part 22)
31	CHEMICAL- WATER	Water for construction purpose	Alkalinity (Volume of 0.02N H2SO4 use to neutralize 100 ml sample using mixed indicator)	IS 3025 (Part 23)
32	CHEMICAL- WATER	Water for Construction Purpose	Chloride	IS 3025 (Part 32)
33	CHEMICAL- WATER	Water for Construction Purpose	Inorganic Solids	IS 3025 (Part 18)
34	CHEMICAL- WATER	Water for Construction Purpose	Organic Solids	IS 3025 (Part 18)
35	CHEMICAL- WATER	Water for Construction Purpose	pH Value	IS 3025 (Part 11)
36	CHEMICAL- WATER	Water for Construction Purpose	Sulfate as SO3	IS 3025 (Part 24)
37	CHEMICAL- WATER	Water for construction purpose	Suspended Matter	IS 3025 (Part 17)
38	CHEMICAL- WATER	Water for Construction Purpose	Total Dissolved Solids	IS 3025 (Part 16)



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39	MECHANICAL- BUILDINGS MATERIALS	Autoclave (Aerated) Cellular Concrete Blocks	Compressive Strength	IS 6441 (Part 5)
40	MECHANICAL- BUILDINGS MATERIALS	Autoclave (Aerated) Cellular Concrete Blocks	Dimension (Height)	IS 2185 (Part 3)
41	MECHANICAL- BUILDINGS MATERIALS	Autoclave (Aerated) Cellular Concrete Blocks	Dimension (Width)	IS 2185 (Part 3)
42	MECHANICAL- BUILDINGS MATERIALS	Autoclave (Aerated) Cellular Concrete Blocks	Dimension Test (Length)	IS 2185 (Part 3)
43	MECHANICAL- BUILDINGS MATERIALS	Autoclave (Aerated) Cellular Concrete Blocks	Drying Shrinkage	IS 6441 (Part 2)
44	MECHANICAL- BUILDINGS MATERIALS	Autoclave (Aerated) Cellular Concrete Blocks	Water Absorption	IS 2185 (Part 4)
45	MECHANICAL- BUILDINGS MATERIALS	Autoclave Cellular (Aerated) Concrete Blocks	Unit Weight or Bulk Density and Moisture Content	IS 6441 (Part 1)
46	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Absolute Viscosity	IS 1206 (Part 2)
47	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Binder Content	IRC SP 11 (Appendix - 5C)
48	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Ductility	IS 1208
49	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Elastic Recovery	IS 15462 & IS 17079 (Annexure A)
50	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Fire Point (by Cleveland Open Cup Method)	IS 1448 (Part 69)
51	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Flash & Fire Point	IS 1209
52	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Flash Point (by Cleveland Open Cup Method)	IS 1448 (Part 69)
53	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Kinematic Viscosity	IS 1206 (Part 3)
54	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Loss on Heating	IS 1212
55	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Marshal Stability Test	AASTHO T245
56	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Penetration	IS 1203
57	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Softening Point	IS 1205



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58	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Solubility	IS 1216
59	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Specific Gravity	IS 1202
60	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Compressive Strength	IS 4031 (Part 6)
61	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Consistency	IS 4031 (Part 4)
62	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Density	IS 4031 (Part 11)
63	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Fineness (By Blaine Air Permeability)	IS 4031 (Part 2)
64	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Fineness (By Dry Sieving)	IS 4031 (Part 1)
65	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Initial & Final Setting Time	IS 4031 (Part 5)
66	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Soundness by Autoclave expansion	IS 4031 (Part 3)
67	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Soundness by Le-Chatelier expansion	IS 4031 (Part 3)
68	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines value	IS 2386 (Part 4)
69	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Crushing Value	IS 2386 (Part 4)
70	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS 2386 (Part 4)
71	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
72	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
73	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
74	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Loss Angles Abrasion Value	IS 2386 (Part 4)
75	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve Size: 80 mm to 2.36 mm )	IS 2386 (Part 1)
76	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (with Magnesium Sulfate)	IS 2386 (Part 5)



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77	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (with Sodium Sulfate)	IS 2386 (Part 5)
78	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
79	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Stripping Value	IS 6241
80	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
81	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay, Lime/ Fly Ash Bricks	Compressive Strength	IS 3495 (Part 1)
82	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay, Lime/ Fly Ash Bricks	Dimension (Height)	IS 1077
83	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay, Lime/ Fly Ash Bricks	Dimension (Length)	IS 1077
84	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay, Lime/ Fly Ash Bricks	Dimension (Width)	IS 1077
85	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay, Lime/ Fly Ash Bricks	Efflorescence	IS 3495 (Part 3)
86	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay, Lime/ Fly Ash Bricks	Warpage	IS 3495 (Part 4)
87	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay, Lime/ Fly Ash Bricks	Water Absorption	IS 3495 (Part 2)
88	MECHANICAL- BUILDINGS MATERIALS	Concrete Beam	Flexural Strength Test	IS 516 (Part 1, Section 1)
89	MECHANICAL- BUILDINGS MATERIALS	Concrete Cores	Compressive Strength	IS 516 (Part 4)
90	MECHANICAL- BUILDINGS MATERIALS	Concrete Cubes	Compressive Strength	IS 516 (Part 1, Section 1)
91	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
92	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material (Clay Lumps)	IS 2386 (Part 2)
93	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material (Soft Particles)	IS 2386 (Part 2)
94	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Materials Finer than 75 micron	IS 2386 (Part 1)
95	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (Sieve Size: 10mm - 0.150mm)	IS 2386 (Part 1)



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96	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness (with Magnesium Sulfate)	IS 2386 (Part 5)
97	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness (with Sodium Sulfate)	IS 2386 (Part 5)
98	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
99	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
100	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Comparative Compressive Strength	IS 1727
101	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by 45 micron (Wet Sieving)	IS 1727
102	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by Blaine Air Permeability	IS 1727
103	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Lime Reactivity	IS 1727
104	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific Gravity	IS 1727
105	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Test	IS 1199 (Part 2)
106	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Abrasion Resistance	IS 15658
107	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Compressive Strength	IS 15658
108	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Dimension (Height)	IS 15658
109	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Dimension (Length)	IS 15658
110	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Dimension (Width)	IS 15658
111	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Water Absorption	IS 15658
112	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium & High Tensile Structural Steel	Bend Test	IS 1599
113	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium & High Tensile Structural Steel	Percentage Elongation	IS 1608 (Part 1)



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114	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium & High Tensile Structural Steel	Tensile Strength	IS 2062
115	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium & High Tensile Structural Steel	Yield Strength	IS 1608 (Part 1)
116	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Bar	Bend Test (Mandrel Dia - 20mm to 240mm)	IS 1599
117	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Bar	Mass per metre	IS 1786
118	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Bar	Percentage Elongation	IS 1608 (Part 1)
119	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Bar	Re-Bend Test (Mandrel Dia- 32mm to 320mm)	IS 1786
120	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Bar	Tensile Strength	IS 1608 (Part 1)
121	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Bar	Yield Strength	IS 1608 (Part 1)
122	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Coupler's for Mechanical Splices of Bars in Concrete	Tensile Strength	IS 16172
123	MECHANICAL- SOIL AND ROCK	Bentonite	Dry Fineness Percent	IS 6186 (Appendix A)
124	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture Percent	IS 6186 (Appendix A)
125	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content	IS 6186 (Appendix A)
126	MECHANICAL- SOIL AND ROCK	Bentonite	Wet Fineness Percent	IS 6186 (Appendix A)
127	MECHANICAL- SOIL AND ROCK	Clay & Soil	Consolidated Drained Triaxial Compression With the Measurement of Pore Water Pressure Measurement (Change in Volume)	IS 2720 (Part 12)



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128	MECHANICAL- SOIL AND ROCK	Clay & Soil	Consolidated Undrained Triaxial Test with Measurement of Pore Water Pressure (Cohesion)	IS 2720 (Part 12)
129	MECHANICAL- SOIL AND ROCK	Clay & Soil	Consolidated Undrained Triaxial Test with Measurement of Pore Water Pressure ( $\phi'$ )	IS 2720 (Part 12)
130	MECHANICAL- SOIL AND ROCK	Clay & Soil	Consolidated Undrained Triaxial Test with Measurement of Pore Water Pressure (Pore Water Pressure Measurement)	IS 2720 (Part 12)
131	MECHANICAL- SOIL AND ROCK	Clay & Soil	Differential Free Swell Index	IS 2720 (Part 40)
132	MECHANICAL- SOIL AND ROCK	Clay & Soil	Optimum Moisture Content	IS 2720 (Part 7)
133	MECHANICAL- SOIL AND ROCK	Clay & Soil	Optimum Moisture Content	IS 2720 (Part 8)
134	MECHANICAL- SOIL AND ROCK	Clay & Soil	Unconsolidated Undrained Triaxial Compression Without the Measurement of Pore Water Pressure Measurement (Angle of Internal Friction)	IS 2720 (Part 11)
135	MECHANICAL- SOIL AND ROCK	Rock Cores	Density	IS 13030
136	MECHANICAL- SOIL AND ROCK	Rock Cores	Method for Determination of Strength of Rock Materials in Triaxial Compression (Angle of Internal Friction)	IS 13047
137	MECHANICAL- SOIL AND ROCK	Rock Cores	Method for Determination of Strength of Rock Materials in Triaxial Compression (Apparent Cohesion)	IS 13047
138	MECHANICAL- SOIL AND ROCK	Rock Cores	Moisture Content	IS 13030
139	MECHANICAL- SOIL AND ROCK	Rock Cores	Point Load Index Test	IS 8764
140	MECHANICAL- SOIL AND ROCK	Rock Cores	Slake Durability	IS 10025
141	MECHANICAL- SOIL AND ROCK	Rock Cores	Uniaxial Compressive Strength Test	IS 9143





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142	MECHANICAL- SOIL AND ROCK	Soil	Atterberg Limit - Plastic Limit	IS 2720 (Part 5)
143	MECHANICAL- SOIL AND ROCK	Soil	Atterberg Limit - Liquid Limit	IS 2720 (Part 5)
144	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
145	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test	IS 2720 (Part 15)
146	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of Internal Friction)	IS 2720 (Part 13)
147	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (100 mm - 0.075 mm)	IS 2720 (Part 4)
148	MECHANICAL- SOIL AND ROCK	Soil	Laboratory Vane Shear Test	IS 2720 (Part 30)
149	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density	IS 2720 (Part 7)
150	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density	IS 2720 (Part 8)
151	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2)
152	MECHANICAL- SOIL AND ROCK	Soil	Permeability	IS 2720 (Part 17)
153	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
154	MECHANICAL- SOIL AND ROCK	Soil	Silt Factor	IRC 5 (Section I)
155	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3/Section 1)
156	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720 (Part 41)
157	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)
158	MECHANICAL- SOIL AND ROCK	Soil	Unconsolidated Undrained Triaxial Compression Without the Measurement of Pore Water Pressure Measurement (Cohesion)	IS 2720 (Part 11)



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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Clay & Soil	Determination of Dry Density of Soil in Place	IS 2720 (Part 28)
2	MECHANICAL- SOIL AND ROCK	Clay & Soil	Determination of Dry Density of Soil in Place	IS 2720 (Part 29)
3	MECHANICAL- SOIL AND ROCK	Clay & Soil	Determination of Modulus of Subgrade Reaction (k- Value) of Soil in Field	IS 9214
4	MECHANICAL- SOIL AND ROCK	Clay & Soil	Electrical Resistivity Test	IS 3043 (Second Revision)
5	MECHANICAL- SOIL AND ROCK	Clay & Soil	Field Determination of California Bearing Ratio	IS 2720 (Part 31)
6	MECHANICAL- SOIL AND ROCK	Clay & Soil	Plate Load Test	IS 1888
7	MECHANICAL- SOIL AND ROCK	Clay & Soil	Standard Penetration Test	IS 2131
8	MECHANICAL- SOIL AND ROCK	Clay & Soil	Subsurface Sounding of Soils	IS 4968 (Part 2)
9	MECHANICAL- SOIL AND ROCK	Clay & Soil	Subsurface Sounding of Soils	IS 4968 (Part 1)
10	MECHANICAL- SOIL AND ROCK	Flexible Pavement	Deflection Measurement using Benkelman Beam Deflection Technique	IRC 81
11	MECHANICAL- SOIL AND ROCK	Pile Foundation	Pile Load Test (Compression)	IS 2911 (Part 4)
12	MECHANICAL- SOIL AND ROCK	Pile Foundation	Pile Load Test (Lateral)	IS 2911 (Part 4)
13	MECHANICAL- SOIL AND ROCK	Pile Foundation	Pile Load Test (Uplift)	IS 2911 (Part 4)
14	MECHANICAL- SOIL AND ROCK	Rock Cores	Core Drilling Observation	IS 5313
15	MECHANICAL- SOIL AND ROCK	Rock Cores	Drilling Information and Code Description in Foundation Investigation	IS 4464
16	MECHANICAL- SOIL AND ROCK	Subgrade of Flexible Pavement	In-situ CBR using Dynamic Cone Penetrometer	IRC SP-72



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

ARUN SOIL LAB PRIVATE LIMITED, 636/110 BUDH VIHAR, LUCKNOW, UTTAR PRADESH, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-10081

**Page No**

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**Validity**

16/11/2021 to 15/11/2023

**Last Amended on**

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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
17	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Compressive Strength	IS 516 (Part 5/Sec 4)
18	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile Foundation	Low Strain Pile Integrity Test	IS 14893