



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

1 of 16

Validity

16/11/2025 to 15/11/2029

Last Amended on -

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 Testing				
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	ASTM D2111
6	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
7	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Chloride	IS : 4032 (Clause 4.13)
8	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Chloride	IS : 4032 (Clause 4.13)
9	CHEMICAL- BUILDING MATERIAL	Cement OPC	Alumina	IS 4032 (Clause 4.6)
10	CHEMICAL- BUILDING MATERIAL	Cement OPC	Calcium Oxide	IS 4032 (Clause 4.7)
11	CHEMICAL- BUILDING MATERIAL	Cement OPC	Ferric Oxide	IS 4032 (Clause 4.5)
12	CHEMICAL- BUILDING MATERIAL	Cement OPC	Insoluble Residue	IS 4032 (Clause 4.10)
13	CHEMICAL- BUILDING MATERIAL	Cement OPC	Loss on Ignition	IS 4032 (Clause 4.2)
14	CHEMICAL- BUILDING MATERIAL	Cement OPC	Magnesia	IS 4032 (Clause 4.8)
15	CHEMICAL- BUILDING MATERIAL	Cement OPC	Silica	IS 4032 (Clause 4.3)
16	CHEMICAL- BUILDING MATERIAL	Cement OPC	Sulphuric Anhydride	IS 4032 (Clause 4.9)
17	CHEMICAL- BUILDING MATERIAL	Cement PPC	Insoluble Residue	IS 4032 (Clause 7.4)
18	CHEMICAL- BUILDING MATERIAL	Cement PPC	Loss on Ignition	IS 4032 (Clause 7.1)
19	CHEMICAL- BUILDING MATERIAL	Cement PPC	Magnesia	IS 4032 (Clause 7.2)



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Certificate Number

TC-10081

Page No

2 of 16

Validity

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20	CHEMICAL- BUILDING MATERIAL	Cement PPC	Sulphuric Anhydride	IS 4032 (Clause 7.3)
21	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	Alkali Aggregate Reactivity (Reduction in Alkalinity)	IS 2386 (Part VII)
22	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	Alkali Aggregate Reactivity (Dissolved Silica)	IS 2386 (Part VII)
23	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	Chloride	BS 812 (Part 117)
24	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	Organic Impurities	IS 2386 (Part II)
25	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	Sulphuric Anhydride	BS 812 (Part 118)
26	CHEMICAL- BUILDING MATERIAL	Fly Ash	Calcium Oxide	IS : 1727
27	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chloride	IS : 4032
28	CHEMICAL- BUILDING MATERIAL	Fly Ash	Ferric Oxide	IS : 1727
29	CHEMICAL- BUILDING MATERIAL	Fly Ash	Ferric Oxide + Alumina Oxide	IS : 1727
30	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss on Ignition	IS :1727
31	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesia	IS : 1727
32	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica	IS : 1727
33	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphuric Anhydride	IS : 1727
34	CHEMICAL- BUILDING MATERIAL	Silica Fume	Loss on Ignition	IS 1727
35	CHEMICAL- BUILDING MATERIAL	Silica Fume	Moisture	IS 15388
36	CHEMICAL- BUILDING MATERIAL	Silica Fume	Silicon Oxide	IS 1727
37	CHEMICAL- METALS & ALLOYS	Steel	Carbon	IS 228 (Part 1)
38	CHEMICAL- METALS & ALLOYS	Steel	Manganese	IS 228 (Part 2)
39	CHEMICAL- METALS & ALLOYS	Steel	Phosphorus	IS 228 (Part 3)



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ISO/IEC 17025:2017

Certificate Number

TC-10081

Page No

3 of 16

Validity

16/11/2025 to 15/11/2029

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40	CHEMICAL- METALS & ALLOYS	Steel	Silicon	IS 228 (Part 8)
41	CHEMICAL- METALS & ALLOYS	Steel	Sulphur	IS 228 (Part 9)
42	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonate	IS 2720 (Part XXIII)
43	CHEMICAL- SOIL AND ROCK	Soil	Chloride	BS 1377 (Part 3)
44	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (Part XXII)
45	CHEMICAL- SOIL AND ROCK	Soil	pH Value	IS 2720 (Part 26)
46	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Solids	IS 2720 (Part XXI)
47	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Sulphate	IS 2720 (Part XXVII)
48	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)
49	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)
50	CHEMICAL- WATER	Water for Construction Purpose	Chloride	IS 3025 (Part 32)
51	CHEMICAL- WATER	Water for Construction Purpose	Inorganic Solids	IS 3025 (Part 18)
52	CHEMICAL- WATER	Water for Construction Purpose	Organic Solids	IS 3025 (Part 18)
53	CHEMICAL- WATER	Water for Construction Purpose	pH Value	IS 3025 (Part 11)
54	CHEMICAL- WATER	Water for Construction Purpose	Sulphate as SO3	IS 3025 (Part 24: Section 1)
55	CHEMICAL- WATER	Water for construction purpose	Suspended Matter	IS 3025 (Part 17)
56	CHEMICAL- WATER	Water for Construction Purpose	Total Dissolved Solids	IS 3025 (Part 16)
57	MECHANICAL- BUILDINGS MATERIALS	Autoclave (Aerated) Cellular Concrete Blocks	Compressive Strength	IS 6441 (Part 5)
58	MECHANICAL- BUILDINGS MATERIALS	Autoclave (Aerated) Cellular Concrete Blocks	Dimension (Height)	IS 2185 (Part 3)
59	MECHANICAL- BUILDINGS MATERIALS	Autoclave (Aerated) Cellular Concrete Blocks	Dimension (Length)	IS 2185 (Part 3)
60	MECHANICAL- BUILDINGS MATERIALS	Autoclave (Aerated) Cellular Concrete Blocks	Dimension (Width)	IS 2185 (Part 3)



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Certificate Number

TC-10081

Page No

4 of 16

Validity

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61	MECHANICAL- BUILDINGS MATERIALS	Autoclave (Aerated) Cellular Concrete Blocks	Drying Shrinkage	IS 6441 (Part II)
62	MECHANICAL- BUILDINGS MATERIALS	Autoclave Cellular (Aerated) Concrete Blocks	Moisture Content	IS 6441 Part 1
63	MECHANICAL- BUILDINGS MATERIALS	Autoclave Cellular (Aerated) Concrete Blocks	Unit Weight or Bulk Density	IS 6441 (Part 1)
64	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Absolute Viscosity	IS 1206 (Part 2)
65	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Binder Content	IRC SP 112
66	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Bulk Specific Gravity of Compacted Asphalt Mixtures Using Saturated Surface-Dry Specimens (METHOD-A)	AASHTO-T-166
67	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Bulk Specific Gravity of Non-Absorptive Compacted Asphalt Mixtures	ASTM D2726
68	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Ductility	IS 1208
69	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Elastic Recovery	IS 15462 (Annexure A)
70	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Elastic Recovery	IS 17079 (Annexure A)
71	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Fire Point	IS 1209
72	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Fire Point (by Cleveland Open Cup Method)	IS 1448 (Part 69)
73	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Flash Point	IS 1209
74	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Flash Point (by Cleveland Open Cup Method)	IS 1448 (Part 69)
75	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Kinematic Viscosity at 135 °C	IS 1206 (Part 3)
76	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Loss on Heating	IS 1212
77	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Marshal Stability Test	AASHTO T245
78	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Penetration	IS 1203
79	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Softening Point	IS 1205



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-10081

Page No

5 of 16

Validity

16/11/2025 to 15/11/2029

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80	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Solubility by Method A (For Asphaltic Bitumen)	IS 1216
81	MECHANICAL- BUILDINGS MATERIALS	Bitumen/ Modified Bitumen	Specific Gravity	IS 1202
82	MECHANICAL- BUILDINGS MATERIALS	Cement	Air Content of Hydraulic Cement Mortar	IS 4031 Part 12
83	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength of Plastic mortar Using Prism	IS 4031 Part 8
84	MECHANICAL- BUILDINGS MATERIALS	Cement	Drying Shrinkage	IS 4031 Part 10
85	MECHANICAL- BUILDINGS MATERIALS	Cement	False Set	IS 4031 Part 14
86	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness By Wet Sieving	IS 4031 Part 15
87	MECHANICAL- BUILDINGS MATERIALS	Cement	Heat of Hydration	IS 4031 Part 9
88	MECHANICAL- BUILDINGS MATERIALS	Cement	Transverse Strength of Plastic Mortar Using Prism	IS 4031 Part 8
89	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Compressive Strength	IS 4031 (Part 6)
90	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Consistency	IS 4031 (Part 4)
91	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Density	IS 4031 (Part 11)
92	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Final Setting time	IS 4031 (Part 5)
93	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Fineness (By Blaine Air Permeability)	IS 4031 (Part 2)
94	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Fineness (By Dry Sieving)	IS 4031 (Part 1)
95	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Initial Setting Time	IS 4031 (Part 5)
96	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Soundness by Autoclave expansion	IS 4031 (Part 3)
97	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC)	Soundness by Le-Chatelier expansion	IS 4031 (Part 3)
98	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Breaking Strength	IS 13630 Part 6
99	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Bulk Density	IS 13630 Part 2



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ISO/IEC 17025:2017

Certificate Number

TC-10081

Page No

6 of 16

Validity

16/11/2025 to 15/11/2029

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100	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Coefficient of Linear Thermal Expansion	IS 13630 Part 4
101	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension (Length)	IS 13630 Part 1
102	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension (Thickness)	IS 13630 Part 1
103	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Dimension (Width)	IS 13630 Part 1
104	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Hardness on Mohs' Scale	IS 13630 Part 13
105	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Modulus of Rupture	IS 13630 Part 6
106	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water Absorption	IS 13630 Part 2
107	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fines value	IS 2386 (Part IV)
108	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Crushing Value	IS 2386 (Part IV)
109	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS 2386 (Part IV)
110	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part III)
111	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious Material (Soft particle)	IS 2386 (Part II)
112	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part I)
113	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part I)
114	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Loss Angles Abrasion Value	IS 2386 (Part IV)
115	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve Size: 80 mm to 2.36 mm)	IS 2386 (Part I)
116	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (with Magnesium Sulphate)	IS 2386 (Part V)
117	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness (with Sodium Sulphate)	IS 2386 (Part V)
118	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part III)
119	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Stripping Value	IS 6241



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ISO/IEC 17025:2017

Certificate Number

TC-10081

Page No

7 of 16

Validity

16/11/2025 to 15/11/2029

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120	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part III)
121	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay, Lime Bricks	Dimension (Height)	IS 1077
122	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay, Lime Bricks	Dimension (Length)	IS 1077
123	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay, Lime Bricks	Dimension (Width)	IS 1077
124	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay, Lime/ Fly Ash Bricks	Compressive Strength	IS 3495 (Part 1)
125	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay, Lime/ Fly Ash Bricks	Efflorescence	IS 3495 (Part 3)
126	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay, Lime/ Fly Ash Bricks	Warpage	IS 3495 (Part 4)
127	MECHANICAL- BUILDINGS MATERIALS	Common Burnt Clay, Lime/ Fly Ash Bricks	Water Absorption	IS 3495 (Part 2)
128	MECHANICAL- BUILDINGS MATERIALS	Concrete Beam	Flexural Strength Test	IS 516 (Part 1, Section 1)
129	MECHANICAL- BUILDINGS MATERIALS	Concrete Block	Compressive Strength	IS 2185 Part 1
130	MECHANICAL- BUILDINGS MATERIALS	Concrete Block	Dimension (Height)	IS 2185 Part 1
131	MECHANICAL- BUILDINGS MATERIALS	Concrete Block	Dimension (Length)	IS 2185 Part 1
132	MECHANICAL- BUILDINGS MATERIALS	Concrete Block	Dimension (Width)	IS 2185 Part 1
133	MECHANICAL- BUILDINGS MATERIALS	Concrete Block	Drying Shrinkage	IS 2185 Part 1
134	MECHANICAL- BUILDINGS MATERIALS	Concrete Block	Moisture Movement	IS 2185 Part 1
135	MECHANICAL- BUILDINGS MATERIALS	Concrete Cores	Compressive Strength	IS 516 (Part 4)
136	MECHANICAL- BUILDINGS MATERIALS	Concrete Cubes	Compressive Strength	IS 516 (Part 1, Section 1)
137	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Ductility	IS 1208
138	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Miscibility With Water	IS 8887 Annexure H
139	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Penetration	IS 1203



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Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-10081

Page No

8 of 16

Validity

16/11/2025 to 15/11/2029

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140	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Residue By Evaporation	IS 8887 Annexure J
141	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Residue on 600 micron IS Sieve	IS 8887 Annexure B
142	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Solubility : in Trichloroethylene	IS 1216
143	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Stability To Mixing With Cement (Percentage Coagulation)	IS 8887 Annexure G
144	MECHANICAL- BUILDINGS MATERIALS	Emulsion	Viscosity By Saybolt Furol Viscometer at 25 ° C	IS 3117
145	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part III)
146	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material (Clay Lumps)	IS 2386 (Part II)
147	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material (Soft Particles)	IS 2386 (Part II)
148	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Materials Finer than 75 micron	IS 2386 (Part I)
149	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (Sieve Size: 10mm - 0.075mm)	IS 2386 (Part I)
150	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Silt Content	CPWD Specifications (Volume-1) Appendix C, Clause - 3.1.3.2
151	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness (with Magnesium Sulphate)	IS 2386 (Part V)
152	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness (with Sodium Sulphate)	IS 2386 (Part V)
153	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part III)
154	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part III)
155	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Comparative Compressive Strength	IS 1727
156	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by 45 micron (Wet Sieving)	IS 1727
157	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Fineness by Blaine Air Permeability	IS 1727
158	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Lime Reactivity	IS 1727



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ISO/IEC 17025:2017

Certificate Number

TC-10081

Page No

9 of 16

Validity

16/11/2025 to 15/11/2029

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159	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Specific Gravity	IS 1727
160	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Test	IS 1199 (Part 2)
161	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Water Absorption	IS 2185 (Part 1)
162	MECHANICAL- BUILDINGS MATERIALS	Kerb Stone	Compressive Strength	IS 5758
163	MECHANICAL- BUILDINGS MATERIALS	Kerb Stone	Dimension (Height)	IS 5758
164	MECHANICAL- BUILDINGS MATERIALS	Kerb Stone	Dimension (Length)	IS 5758
165	MECHANICAL- BUILDINGS MATERIALS	Kerb Stone	Dimension (Width)	IS 5758
166	MECHANICAL- BUILDINGS MATERIALS	Kerb Stone	Water Absorption	IS 5758
167	MECHANICAL- BUILDINGS MATERIALS	Masonry Cement	Compressive Strength of Masonry Cement	IS 4031 Part 7
168	MECHANICAL- BUILDINGS MATERIALS	Masonry Cement	Water Retentivity of Masonry Cement	IS 4031 Part 13
169	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Abrasion Resistance	IS 15658
170	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Compressive Strength	IS 15658
171	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Dimension (Height)	IS 15658
172	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Dimension (Length)	IS 15658
173	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Dimension (Width)	IS 15658
174	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Flexural Strength Test	IS 15658
175	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Block for Paving	Water Absorption	IS 15658
176	MECHANICAL- BUILDINGS MATERIALS	Silica Fume	Specific Gravity	IS 1727
177	MECHANICAL- BUILDINGS MATERIALS	Silica Fume	Fineness by Wet Sieving (Percentage Retained on 45 micron Sieve)	IS 1727



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Certificate Number

TC-10081

Page No

10 of 16

Validity

16/11/2025 to 15/11/2029

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178	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium & High Tensile Structural Steel	Bend Test (Mandrel Dia- 16mm to 44mm)	IS 1599
179	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium & High Tensile Structural Steel	Percentage Elongation	IS 1608 (Part 1)
180	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium & High Tensile Structural Steel	Tensile Strength	IS 1608 (Part 1)
181	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Hot Rolled Medium & High Tensile Structural Steel	Yield Strength	IS 1608 (Part 1)
182	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Bar	0.2% Proof Stress of Reinforcement Bar	IS 1608 (Part 1)
183	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Bar	Bend Test (Mandrel Dia - 16mm to 240mm)	IS 1599
184	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Bar	Mass Per Metre	IS 1786
185	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Bar	Percentage Elongation	IS 1608 (Part 1)
186	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Bar	Re-Bend Test (Mandrel Dia- 32mm to 320mm)	IS 1786
187	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Bar	Tensile Strength	IS 1608 (Part 1)
188	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Bar	Yield Strength	IS 1608 (Part 1)
189	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Coupler's for Mechanical Splices of Bars in Concrete	Tensile Strength	IS 1608 (Part 1)
190	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Strand Wire	% Deference	IS 14268
191	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Strand Wire	0.2 % Proof Load	IS 1608 Part 1



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

11 of 16

Validity

16/11/2025 to 15/11/2029

Last Amended on -

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
192	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Strand Wire	Breaking Load	IS 1608 Part 1
193	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Strand Wire	Elongation %	IS 14268
194	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Strand Wire	Length of Lay	IS 14268
195	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Strand Wire	Nominal Area	IS 14268
196	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Strand Wire	Nominal Mass	IS 14268
197	MECHANICAL- SOIL AND ROCKS	Soil	Consolidated Undrained Triaxial Compression Test with Measurement of Pore Water Pressure (Pore Water Pressure Measurement)	IS 2720 (Part XII)
198	MECHANICAL- SOIL AND ROCKS	Bentonite	Dry Fineness Percent	IS 6186 (Appendix A)
199	MECHANICAL- SOIL AND ROCKS	Bentonite	Moisture Percent	IS 6186 (Appendix A)
200	MECHANICAL- SOIL AND ROCKS	Bentonite	Sand Content	IS 6186 (Appendix A)
201	MECHANICAL- SOIL AND ROCKS	Bentonite	Swelling Power	IS 6186 (APPENDIX A)
202	MECHANICAL- SOIL AND ROCKS	Bentonite	Wet Fineness Percent	IS 6186 (Appendix A)
203	MECHANICAL- SOIL AND ROCKS	Building Stone	Water Absorption	IS 1124
204	MECHANICAL- SOIL AND ROCKS	Fine Grained Soil	Specific Gravity	IS 2720 (Part III/Section 1)
205	MECHANICAL- SOIL AND ROCKS	Rock Core	Modulus of Elasticity	IS 9221
206	MECHANICAL- SOIL AND ROCKS	Rock Core	Poisson Ratio	IS 9221
207	MECHANICAL- SOIL AND ROCKS	Rock Cores	Brazilian Test	IS 10082
208	MECHANICAL- SOIL AND ROCKS	Rock Cores	Density	IS 13030



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-10081

Page No

12 of 16

Validity

16/11/2025 to 15/11/2029

Last Amended on -

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
209	MECHANICAL- SOIL AND ROCKS	Rock Cores	Method for Determination of Strength of Rock Materials in Triaxial Compression (Angle of Internal Friction)	IS 13047
210	MECHANICAL- SOIL AND ROCKS	Rock Cores	Method for Determination of Strength of Rock Materials in Triaxial Compression (Apparent Cohesion)	IS 13047
211	MECHANICAL- SOIL AND ROCKS	Rock Cores	Moisture Content	IS 13030
212	MECHANICAL- SOIL AND ROCKS	Rock Cores	Point Load Index Test	IS 8764
213	MECHANICAL- SOIL AND ROCKS	Rock Cores	Porosity	IS 13030
214	MECHANICAL- SOIL AND ROCKS	Rock Cores	Slake Durability	IS 10050
215	MECHANICAL- SOIL AND ROCKS	Rock Cores	Specific Gravity	IS 1122
216	MECHANICAL- SOIL AND ROCKS	Rock Cores	Specific Gravity	IS 13030
217	MECHANICAL- SOIL AND ROCKS	Rock Cores	Uniaxial Compressive Strength Test	IS 9143
218	MECHANICAL- SOIL AND ROCKS	Rock Cores	Water Absorption	IS 13030
219	MECHANICAL- SOIL AND ROCKS	Soil	Atterberg Limit - Plastic Limit	IS 2720 (Part 5)
220	MECHANICAL- SOIL AND ROCKS	Soil	Atterberg Limit - Liquid Limit	IS 2720 (Part 5)
221	MECHANICAL- SOIL AND ROCKS	Soil	California Bearing Ratio	IS 2720 (Part 16)
222	MECHANICAL- SOIL AND ROCKS	Soil	Consolidated Drained Triaxial Compression Without the Measurement of Pore Water Pressure Measurement (Change in Volume)	IS 2720 (Part XII)
223	MECHANICAL- SOIL AND ROCKS	Soil	Consolidated Undrained Triaxial Compression Test with the Measurement of Pore Water Pressure (Cohesion)	IS 2720 (Part XII)
224	MECHANICAL- SOIL AND ROCKS	Soil	Consolidated Undrained Triaxial Test with Measurement of Pore Water Pressure (σ'_v)	IS 2720 (Part XII)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

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UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-10081

Page No

13 of 16

Validity

16/11/2025 to 15/11/2029

Last Amended on -

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
225	MECHANICAL- SOIL AND ROCKS	Soil	Consolidation Test	IS 2720 (Part 15)
226	MECHANICAL- SOIL AND ROCKS	Soil	Differential Free Swell Index	IS 2720 (Part XL)
227	MECHANICAL- SOIL AND ROCKS	Soil	Direct Shear Test (Angle of Internal Friction)	IS 2720 (Part 13)
228	MECHANICAL- SOIL AND ROCKS	Soil	Durability Test	IS 4332 PART 5
229	MECHANICAL- SOIL AND ROCKS	Soil	Grain Size Analysis (100 mm - 0.075 mm)	IS 2720 (Part 4)
230	MECHANICAL- SOIL AND ROCKS	Soil	Laboratory Vane Shear Test	IS 2720 (Part XXX)
231	MECHANICAL- SOIL AND ROCKS	Soil	Maximum Dry Density (Heavy Compaction)	IS 2720 (Part 8)
232	MECHANICAL- SOIL AND ROCKS	Soil	Maximum Dry Density (Light Compaction)	IS 2720 (Part VII)
233	MECHANICAL- SOIL AND ROCKS	Soil	Optimum Moisture Content (Heavy Compaction)	IS 2720 (Part 8)
234	MECHANICAL- SOIL AND ROCKS	Soil	Optimum Moisture Content (Light Compaction)	IS 2720 (Part VII)
235	MECHANICAL- SOIL AND ROCKS	Soil	Particle Size Analysis (100 mm to 0.0001 mm)	IS 2720 (Part 4)
236	MECHANICAL- SOIL AND ROCKS	Soil	Permeability	IS 2720 (Part 17)
237	MECHANICAL- SOIL AND ROCKS	Soil	Residual Strength	IRC SP 89 Part 2
238	MECHANICAL- SOIL AND ROCKS	Soil	Shrinkage Limit	IS 2720 (Part VI)
239	MECHANICAL- SOIL AND ROCKS	Soil	Silt Factor	IRC 5 (Section I)
240	MECHANICAL- SOIL AND ROCKS	Soil	Swelling Pressure	IS 2720 (Part XLI)
241	MECHANICAL- SOIL AND ROCKS	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)
242	MECHANICAL- SOIL AND ROCKS	Soil	Unconfined Compressive Strength	IS 4332 PART 5
243	MECHANICAL- SOIL AND ROCKS	Soil	Unconsolidated Undrained Triaxial Compression Without the Measurement of Pore Water Pressure (Angle of Internal Friction)	IS 2720 (Part 11)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

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UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-10081

Page No

14 of 16

Validity

16/11/2025 to 15/11/2029

Last Amended on -

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
244	MECHANICAL- SOIL AND ROCKS	Soil	Unconsolidated Undrained Triaxial Compression Without the Measurement of Pore Water Pressure Measurement (Cohesion)	IS 2720 (Part 11)
245	MECHANICAL- SOIL AND ROCKS	Soil	Water Content	IS 2720 (Part 2)



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

15 of 16

Validity

16/11/2025 to 15/11/2029

Last Amended on -

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 Testing				
1	MECHANICAL- SOIL AND ROCKS	Flexible Pavement	Deflection Measurement using Benkelman Beam Deflection Technique	IRC 81
2	MECHANICAL- SOIL AND ROCKS	Pile Foundation	Pile Load Test (Compression)	IS 2911 (Part 4)
3	MECHANICAL- SOIL AND ROCKS	Pile Foundation	Pile Load Test (Lateral)	IS 2911 (Part 4)
4	MECHANICAL- SOIL AND ROCKS	Pile Foundation	Pile Load Test (Uplift)	IS 2911 (Part 4)
5	MECHANICAL- SOIL AND ROCKS	Rock	In Situ Permeability Test (Packer)	IS 5529 Part 2
6	MECHANICAL- SOIL AND ROCKS	Rock	Thermal Conductivity	ASTM D5334-22A
7	MECHANICAL- SOIL AND ROCKS	Soil	Determination of Dry Density of Soil in Place (Core Cutter Method)	IS 2720 (Part XXIX)
8	MECHANICAL- SOIL AND ROCKS	Soil	Determination of Dry Density of Soil in Place (Sand Replacement Method)	IS 2720 (Part XXVIII)
9	MECHANICAL- SOIL AND ROCKS	Soil	Determination of Modulus of Subgrade Reaction (k- Value) of Soil in Field	IS 9214
10	MECHANICAL- SOIL AND ROCKS	Soil	Earth Resistivity Test	IS 3043
11	MECHANICAL- SOIL AND ROCKS	Soil	Field Determination of California Bearing Ratio	IS 2720 (Part 31)
12	MECHANICAL- SOIL AND ROCKS	Soil	Geological exploration by geophysical method (Electrical Resistivity)	IS 15736
13	MECHANICAL- SOIL AND ROCKS	Soil	In Situ Permeability Test (Constant Head)	IS 5529 Part 1
14	MECHANICAL- SOIL AND ROCKS	Soil	In Situ Permeability Test (Falling Head)	IS 5529 Part 1
15	MECHANICAL- SOIL AND ROCKS	Soil	Plate Load Test	IS 1888
16	MECHANICAL- SOIL AND ROCKS	Soil	Standard Penetration Test	IS 2131
17	MECHANICAL- SOIL AND ROCKS	Soil	Static Plate Load Test	DIN 18134
18	MECHANICAL- SOIL AND ROCKS	Soil	Subsurface Sounding of Soils	IS 4968 (Part II)

This is annexure to 'Certificate of Accreditation' and does not require any signature.



National Accreditation Board for Testing and Calibration Laboratories

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UTTAR PRADESH, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-10081

Page No

16 of 16

Validity

16/11/2025 to 15/11/2029

Last Amended on -

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
19	MECHANICAL- SOIL AND ROCKS	Soil	Subsurface Sounding of Soils	IS 4968 (Part 1)
20	MECHANICAL- SOIL AND ROCKS	Soil	Thermal Conductivity Test	ASTM D5334-22A
21	MECHANICAL- SOIL AND ROCKS	Subgrade of Flexible Pavement	In-situ CBR using Dynamic Cone Penetrometer	IRC SP-72
22	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Structure	Ultrasonic Pulse Velocity Test (Direct)	IS : 516 (Part 5/Sec 1)
23	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Rebound Hammer Test	IS 516 (Part 5/Sec 4)
24	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile Foundation	Low Strain Pile Integrity Test	IS 14893