



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**BHUMI RESEARCH CENTER (CIVIL ENGINEERING
TESTING LABORATORY)**

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

2/1362, BHUMI HOUSE, SAGRAMPURA, RING ROAD, SURAT, GUJARAT, INDIA

in the field of

TESTING

Certificate Number: TC-7217

Issue Date: 19/05/2020

Valid Until:

18/05/2022

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)

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 :

BHUMI RESEARCH CENTER (CIVIL ENGINEERING TESTING LABORATORY), 2/1362, BHUMI HOUSE, SAGRAMPURA, RING ROAD, SURAT, GUJARAT, 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	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Products	Bulk Density	ASTM C 1693
2	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Products	Bulk Density	IS 6441 (Part 1)
3	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Products	Compressive Strength	ASTM C 1693
4	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Products	Compressive Strength	IS 6441 (Part 5)
5	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Products	Dimension (Height)	ASTM C 1693
6	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Products	Dimension (Length)	ASTM C 1693
7	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Products	Dimension (Thickness)	ASTM C 1693
8	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Products	Dimensions (Height)	IS 2185 (Part- 3)
9	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Products	Dimensions (Length)	IS 2185 (Part 3)
10	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Products	Dimensions (Thickness)	IS 2185 (part 3)
11	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Products	Drying Shrinkage	ASTM C 1693
12	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Products	Drying Shrinkage	IS 6441 (Part 2)
13	MECHANICAL- BUILDINGS MATERIALS	Beam	Flexural Strength	IS 516
14	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Absolute Viscosity	IS 1206 (Part 2)
15	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
16	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flash Point	IS 1448 (Part 69)
17	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic Viscosity	IS 1206 (Part 3)
18	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Loss on Heating	IS 1212



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19	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
20	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
21	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific Gravity	IS 1202
22	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Binder Content	IRC SP 11
23	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Compacted Density	ASTM D 2726
24	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Flow Value	ASTM D 6927
25	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshall Stability	ASTM D 6927
26	MECHANICAL- BUILDINGS MATERIALS	Building Stone	Compressive Strength	IS 1121 (Part 1)
27	MECHANICAL- BUILDINGS MATERIALS	Building Stone	Hardness (Mohs)	IS 13630 (Part 13)
28	MECHANICAL- BUILDINGS MATERIALS	Building Stone	Specific Gravity	IS 1124
29	MECHANICAL- BUILDINGS MATERIALS	Building Stone	True Specific Gravity	IS 1122
30	MECHANICAL- BUILDINGS MATERIALS	Building Stone	True Specific Gravity	IS 1130
31	MECHANICAL- BUILDINGS MATERIALS	Building Stone	Water Absorption	IS 1124
32	MECHANICAL- BUILDINGS MATERIALS	Building Stone	Water Absorption	IS 1130
33	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay / Fly Ash Bricks	Compressive Strength	IS 3495 (Part 1)
34	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay / Fly Ash Bricks	Dimension (Height)	IS 1077
35	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay / Fly Ash Bricks	Dimension (Length)	IS 1077
36	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay / Fly Ash Bricks	Dimension (Width)	IS 1077
37	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay / Fly Ash Bricks	Efflorescence	IS 3495 (Part 3)



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38	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay / Fly Ash Bricks	Water Absorption	IS 3495 (Part 2)
39	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, SRC, PSC)	Final Setting Time	IS 4031 (Part 5)
40	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension (Breadth)	IS 1237
41	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension (Length)	IS 1237
42	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension (Thickness)	IS 1237
43	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Thickness of Wearing Layer	IS 1237
44	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS 1237
45	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Wet Transverse Strength	IS 1237
46	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles / Pressed Ceramic (Vitrified) Tiles	Breaking Strength	IS 13630 (Part 6)
47	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles / Pressed Ceramic (Vitrified) Tiles	Dimension (Length)	IS 13630 (Part 1)
48	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles / Pressed Ceramic (Vitrified) Tiles	Dimension (Thickness)	IS 13630 (Part 1)
49	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles / Pressed Ceramic (Vitrified) Tiles	Dimension (Width)	IS 13630 (Part 1)
50	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles / Pressed Ceramic (Vitrified) Tiles	Hardness (Mohs)	IS 13630 (Part 13)
51	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles / Pressed Ceramic (Vitrified) Tiles	Modulus of Rupture	IS 13630 (Part 6)
52	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles / Pressed Ceramic (Vitrified) Tiles	Water Absorption	IS 13630 (Part 2)
53	MECHANICAL- BUILDINGS MATERIALS	Checked Cement Concrete Tiles	Dimension (Breadth)	IS 13801
54	MECHANICAL- BUILDINGS MATERIALS	Checked Cement Concrete Tiles	Dimension (Length)	IS 13801
55	MECHANICAL- BUILDINGS MATERIALS	Checked Cement Concrete Tiles	Dimension (Thickness)	IS 13801
56	MECHANICAL- BUILDINGS MATERIALS	Checked Cement Concrete Tiles	Thickness of Wearing Layer	IS 13801



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57	MECHANICAL- BUILDINGS MATERIALS	Checked Cement Concrete Tiles	Water Absorption	IS 13801
58	MECHANICAL- BUILDINGS MATERIALS	Checked Cement Concrete Tiles	Wet Transverse Strength	IS 13801
59	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% fines Value	IS 2386 (Part 4)
60	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS 2386 (Part 4)
61	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
62	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
63	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
64	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
65	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
66	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (sieve size:100mm, 90mm, 80mm, 75mm, 63mm, 53mm, 50mm, 45mm, 40mm, 37.5mm, 31.5mm, 26.5mm, 25mm, 22.4mm, 20mm, 19.5mm, 19mm, 16mm, 13.2mm, 12.5mm, 11.2mm, 10mm, 8mm, 5.6mm & 4.7mm)	IS 2386 (Part 1)
67	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by MgSO ₄	IS 2386 (Part 5)
68	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by Na ₂ SO ₄	IS 2386 (Part 5)
69	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
70	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Stripping Value	IS 6241
71	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
72	MECHANICAL- BUILDINGS MATERIALS	Core	Compressive Strength	IS 516 (Part 4)



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73	MECHANICAL- BUILDINGS MATERIALS	Cube	Compressive Strength	IS 516
74	MECHANICAL- BUILDINGS MATERIALS	Cube	Compressive Strength of Accelerated Cured Concrete	IS 9013
75	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
76	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Finer than 75 micron	IS 2386 (Part 1)
77	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (sieve size:10mm, 4.75mm, 3.35mm, 2.36mm, 2mm, 1.7mm,1.18mm, 850µm, 600 µm, 425µm, 300µm, 212µm, 150µm, 90µm, 75µm & 45µm and 3.For Soil 65mm, 40mm & 20mm).	IS 2386 (Part 1)
78	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by MgSO4	IS 2386 (Part 5)
79	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Na2SO4	IS 2386 (Part 5)
80	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
81	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
82	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump Cone Test	IS 1199
83	MECHANICAL- BUILDINGS MATERIALS	OPC, PPC, SRC, PSC	Compressive Strength (168 Hrs)	IS 4031 (Part 6)
84	MECHANICAL- BUILDINGS MATERIALS	OPC, PPC, SRC, PSC	Compressive Strength (672 Hrs)	IS 4031 (Part 6)
85	MECHANICAL- BUILDINGS MATERIALS	OPC, PPC, SRC, PSC	Compressive Strength (72 Hrs)	IS 4031 (Part 6)
86	MECHANICAL- BUILDINGS MATERIALS	OPC, PPC, SRC, PSC	Consistency	IS 4031 (Part 4)
87	MECHANICAL- BUILDINGS MATERIALS	OPC, PPC, SRC, PSC	Density	IS 4031 (Part-11)
88	MECHANICAL- BUILDINGS MATERIALS	OPC, PPC, SRC, PSC	Fineness by Blaine Air Permeability	IS 4031 (Part 2)
89	MECHANICAL- BUILDINGS MATERIALS	OPC, PPC, SRC, PSC	Initial Setting Time	IS 4031 (Part 5)



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90	MECHANICAL- BUILDINGS MATERIALS	OPC, PPC, SRC, PSC	Soundness by Le-Chatelier	IS 4031 (Part 3)
91	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658 (Annex D)
92	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Cross Sectional Area	IS 15658 (Annex C)
93	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Flexural Strength / Breaking Load	IS 15658 (Annex G)
94	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Thickness of Wearing Layer	IS 15658 (Cl 6.2.3)
95	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658 (Annex C)
96	MECHANICAL- BUILDINGS MATERIALS	Pozzolana	Compressive Strength	IS 1727
97	MECHANICAL- BUILDINGS MATERIALS	Pozzolana	Consistency	IS 1727
98	MECHANICAL- BUILDINGS MATERIALS	Pozzolana	Final Setting Time	IS 1727
99	MECHANICAL- BUILDINGS MATERIALS	Pozzolana	Finesness by Blaine Air Permeability	IS 1727
100	MECHANICAL- BUILDINGS MATERIALS	Pozzolana	Initial Setting Time	IS 1727
101	MECHANICAL- BUILDINGS MATERIALS	Pozzolana	Lime Reactivity	IS 1727
102	MECHANICAL- BUILDINGS MATERIALS	Pozzolana	Particles Retained on 45 micron Sieve	IS 1727
103	MECHANICAL- BUILDINGS MATERIALS	Pozzolana	Soundness by Le-Chatelier	IS 1727
104	MECHANICAL- BUILDINGS MATERIALS	Pozzolana	Specific Gravity	IS 1727
105	MECHANICAL- BUILDINGS MATERIALS	Thin Bed Mortar for AAC Block	Split Tensile Strength	ASTM C 1660
106	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement and Structural Steel	% Elongation	IS 1608 (Part 1)
107	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement and Structural Steel	Bend Test	IS 1599



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108	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement and Structural Steel	mass/meter	IS 1786
109	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement and Structural Steel	Rebend Test	IS 1786
110	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement and Structural Steel	Ultimate Tensile Strength	IS 1608 (Part 01)
111	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement and Structural Steel	Yield Stress	IS 1608 (Part 01)
112	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Couplers	% Elongation	IS 16172
113	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Couplers	Distance of Fracture	IS 16172
114	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Couplers	Slip Test	IS 16172
115	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Couplers	Ultimate Tensile Strength	IS 1608 (Part 1)
116	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Wire Ply Strand for Prestressed Concrete	0.2% Proof Load	IS 1608 (Part 1)
117	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Wire Ply Strand for Prestressed Concrete	Average Diameter of Surrounding Wire	IS 14268
118	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Wire Ply Strand for Prestressed Concrete	Breaking Strength / Ultimate Tensile Load	IS 1608 (Part 1)
119	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Wire Ply Strand for Prestressed Concrete	Diameter of Centre Wire	IS 14268
120	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Wire Ply Strand for Prestressed Concrete	Difference in Diameter of Centre Wire & Surrounding Wire	IS 14268
121	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Wire Ply Strand for Prestressed Concrete	Elongation	IS 14268



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122	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Wire Ply Strand for Prestressed Concrete	Length of Lay	IS 14268
123	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Wire Ply Strand for Prestressed Concrete	Modulus of Elasticity	IS 1608 (Part 1)
124	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Wire Ply Strand for Prestressed Concrete	Nominal Cross Sectional Area	IS 14268
125	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Wire Ply Strand for Prestressed Concrete	Nominal Diameter of Strand	IS 14268
126	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Seven Wire Ply Strand for Prestressed Concrete	Nominal Mass per Unit Length	IS 14268
127	MECHANICAL- SOIL AND ROCK	Rock	Dry Density	IS 13030
128	MECHANICAL- SOIL AND ROCK	Rock	Dry Specific Gravity	IS 13030
129	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index	IS 8764
130	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
131	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
132	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
133	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
134	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Cc)	IS 2720 (Part 15)
135	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Pc)	IS 2720 (Part 15)
136	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Co-efficient of Volume Change)	IS 2720 (Part 15)
137	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (C)	IS 2720 (Part 13)
138	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (\emptyset)	IS 2720 (Part 13)



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139	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
140	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 (Part 4)
141	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part 8)
142	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part 8)
143	MECHANICAL- SOIL AND ROCK	Soil	Hydrometer Analysis	IS 2720 (Part 4)
144	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part 7)
145	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 7)
146	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit (by Cone Penetrometer)	IS 2720 (Part 5)
147	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2)
148	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
149	MECHANICAL- SOIL AND ROCK	Soil	Plasticity Index	IS 2720 (Part 5)
150	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
151	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3)
152	MECHANICAL- SOIL AND ROCK	Soil	Swell Pressure	IS 2720 (Part 41)
153	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (UU) (without pore pressure) (C)	IS 2720 (Part 11)
154	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (UU) (without pore pressure) (Ø)	IS 2720 (Part 11)
155	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compression (without pore pressure)	IS 2720 (Part 10)



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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil & Rock - Field Test	Cyclic Plate Load Test	IS 5249
2	MECHANICAL- SOIL AND ROCK	Soil & Rock - Field Test	Electrical Resistivity	IS 15736
3	MECHANICAL- SOIL AND ROCK	Soil & Rock - Field Test	Electrical Resistivity	IS 3043
4	MECHANICAL- SOIL AND ROCK	Soil & Rock - Field Test	FDD by Core Cutter	IS 2720 (Part 29)
5	MECHANICAL- SOIL AND ROCK	Soil & Rock - Field Test	FDD by Sand Replacement	IS 2720 (Part 28)
6	MECHANICAL- SOIL AND ROCK	Soil & Rock - Field Test	FDD by Water Replacement	IS 2720 (Part 33)
7	MECHANICAL- SOIL AND ROCK	Soil & Rock - Field Test	Field CBR Test	IS 2720 (Part 31)
8	MECHANICAL- SOIL AND ROCK	Soil & Rock - Field Test	Modulus of Subgrade Reaction	IS 9214
9	MECHANICAL- SOIL AND ROCK	Soil & Rock - Field Test	Pile Load Test	IS 2911 (Part 4)
10	MECHANICAL- SOIL AND ROCK	Soil & Rock - Field Test	Plate Load Test	IS 1888
11	MECHANICAL- SOIL AND ROCK	Soil & Rock - Field Test	PLT- Ratio Ev2/Ev1	DIN 18134
12	MECHANICAL- SOIL AND ROCK	Soil & Rock - Field Test	Standard Penetration Test	IS 2131
13	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Carbonation Test	BC 1881 (Part 201)
14	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Cover Meter Test	BS 1881 (Part 204)
15	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Half Cell Potential Test	ASTM C 876



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

BHUMI RESEARCH CENTER (CIVIL ENGINEERING TESTING LABORATORY), 2/1362, BHUMI HOUSE, SAGRAMPURA, RING ROAD, SURAT, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-7217

Page No

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Validity

19/05/2020 to 18/05/2022

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
16	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Pile Integrity Test	ASTM D 5882
17	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Pile Integrity Test	IS 14893
18	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebar Mapping (Diameter of Rebar)	BS 1881 (Part 204)
19	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound Hammer Test	IS 13311 (Part 02)
20	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Ultrasonic Pulse Velocity Tests	IS 13311 (Part 01)