National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GEO ENGINEERING SERVICES, PLOT NO. 78 TO 80 & 95 TO 97, AMAR NAGAR, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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 TO 80 & 95 TO 97, AMAR NAGAR, VADODARA, GUJARAT, INDIA Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Admixture	Ash content %	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride	IS- 6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry material content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS- 9103
5	CHEMICAL- BUILDING MATERIAL	Concrete	Chloride	IS 14959 (Part-2)
6	CHEMICAL- METALS & ALLOYS	Reinforced Steel & Structural Steel	Carbon	IS - 8811
7	CHEMICAL- METALS & ALLOYS	Reinforced Steel & Structural Steel	Phosphorous	IS - 8811
8	CHEMICAL- METALS & ALLOYS	Reinforced Steel & Structural Steel	Sulphur	IS - 8811
9	CHEMICAL- SOIL AND ROCK	Soil	pH	IS: 2720 (Part 26)
10	CHEMICAL- SOIL AND ROCK	Soil	Total Soluble Sulphate	IS: 2720 (Part – 27)
11	CHEMICAL- WATER	Construction Water	Acidity (Volume of 0.02N NaOH required to neutralize 100ml of water using phenolphthalein indicator)	IS 3025 Part-23
12	CHEMICAL- WATER	Construction Water	Alkalinity (Volume of 0.02N H_2SO_4 required to neutralize 100ml of water using mixed indicator)	IS 3025 Part -23
13	CHEMICAL- WATER	Construction Water	Chloride	IS 3025 Part -32
14	CHEMICAL- WATER	Construction Water	Inorganic Matter	IS 3025 (Part-18)
15	CHEMICAL- WATER	Construction Water	Organic Matter	IS 3025 (Part-18)
16	CHEMICAL- WATER	Construction Water	pH	IS 3025 Part -11
17	CHEMICAL- WATER	Construction Water	Sulphate	IS 3025 Part -24
18	CHEMICAL- WATER	Construction Water	Total Suspended Solids	IS 3025 (Part-17)
19	CHEMICAL- WATER	Distilled water	Electrical Conductivity	IS 3025 Part -14

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20	CHEMICAL- WATER	Distilled water	pH	IS 3025 Part -11
21	CHEMICAL- WATER	Distilled water	Silica	IS 3025 Part -35
22	CHEMICAL- WATER	Drinking Water	Alkalinity	IS 3025 Part -23
23	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 Part -40
24	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 Part -32
25	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	IS 3025 Part -14
26	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 Part -46
27	CHEMICAL- WATER	Drinking Water	pH	IS 3025 Part -11
28	CHEMICAL- WATER	Drinking Water	Silica	IS 3025 Part -35
29	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025 Part -24
30	CHEMICAL- WATER	Drinking Water	Total Dissolved solid	IS 3025 Part -16
31	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 Part -21
32	CHEMICAL- WATER	Ground Water	Alkalinity	IS 3025 (Part-23)
33	CHEMICAL- WATER	Ground Water	Calcium	IS 3025 (Part-40)
34	CHEMICAL- WATER	Ground Water	Chloride	IS 3025 (Part-32)
35	CHEMICAL- WATER	Ground Water	Magnesium	IS 3025 (Part-46)
36	CHEMICAL- WATER	Ground Water	pH	IS 3025 (Part-11)
37	CHEMICAL- WATER	Ground Water	Sulphate	IS 3025 (Part-24)
38	CHEMICAL- WATER	Ground Water	Total Dissolve Solids	IS 3025 (Part-16)
39	CHEMICAL- WATER	Surface water	Alkalinity	IS 3025 (Part-23)
40	CHEMICAL- WATER	Surface water	Calcium	IS 3025 (Part-40)
41	CHEMICAL- WATER	Surface water	Chloride	IS 3025 (Part-32)
42	CHEMICAL- WATER	Surface water	Magnesium	IS 3025 (Part-46)
43	CHEMICAL- WATER	Surface water	pH	IS 3025 (Part-11)
44	CHEMICAL- WATER	Surface water	Sulphate	IS 3025 (Part-24)
45	CHEMICAL- WATER	Surface water	Total Dissolve Solids	IS 3025 (Part-16)
46	CHEMICAL- WATER	Surface water	Total Hardness	IS 3025 (Part-21)
47	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Compressive Strength	IS 6441 Part 5
48	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Density	IS 6441 Part 1

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49	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Dimension (Height)	IS 2185 (Part-3)
50	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Dimension (Length)	IS 2185 (Part-3)
51	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Dimension (Width)	IS 2185 (Part-3)
52	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Drying Shrinkage	IS 6441 (Part-2)
53	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Concrete Block	Moisture Content	IS 6441 (Part-1)
54	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Binder Content	IRC SP 11
55	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Ductility on Residue	IS 1208
56	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Miscibility with Water	IS 8887
57	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Particle Charge	IS 8887
58	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Penetration on Residue	IS 1203
59	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on 600 micron sieve	IS 8887
60	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Residue on Evaporation	IS 8887
61	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Solubility in Trichloroethylene	IS 1216
62	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Stability to Mixing with Cement	IS 8887
63	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Storage Stability	IS 8887
64	MECHANICAL- BUILDINGS MATERIALS	Bitumen Emulsion	Water Content	IS 1211
65	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Compressive Strength	IS 3495 (part-1)
66	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimensions - Height	IS 1077
67	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimensions - Length	IS 1077

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68	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimensions -Width	IS 1077
69	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Efflorescence	IS 3495 (part-3)
70	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Water Absorption	IS 3495 (part-3)
71	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Compressive Strength	IS 4031 (part-6)
72	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Consistency	IS 4031 (part-4)
73	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Density	IS 4031 (part-11)
74	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Final Setting Time	IS 4031 (part-5)
75	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Fineness by Blaine's Air Permeability	IS 4031 (part-2)
76	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Initial Setting Time	IS 4031 (part-5)
77	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Soundness by Le-Chatelier Method	IS 4031 (part-5)
78	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Breaking Strength	IS 13630 (Part- 6)
79	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Crazing Resistence	IS 13630 (Part-09)
80	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Curvature	IS 13630 (part-1)
81	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension (Length)	IS 13630 (Part- 1)
82	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension (Thickness)	IS 13630 (Part- 1)
83	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Dimension (Width)	IS 13630 (Part- 1)
84	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Flatness	IS 13630 (part-1)
85	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Modulus of Rupture	IS 13630 (part-6)
86	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Rectangularity	IS 13630 (part-1)

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87	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Scratch Hardness	IS 13630 (part-13)
88	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Straightness	IS 13630 (part-1)
89	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Warpage	IS 13630 (part-1)
90	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Water Absorption	IS 1237 (2012)
91	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Flooring Tiles	Wet Transverse Strength	IS 1237 (2012)
92	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Abrasion Value	IS 2386 (part-4)
93	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (part-3)
94	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (part-4)
95	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (part-1)
96	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (part-1)
97	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (part-4)
98	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (4.75 to 125mm)	IS 2386 (part-1)
99	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness by Na2So4 & MgSo4	IS 2386 (part-5)
100	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (part-)
101	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Ten Percent Fines Value	IS 2386 (part-4)
102	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (part-3)
103	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength by Accelerated Cured Concrete Cubes by Boiling Water Method	IS 9103
104	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (part-3)

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105	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking of Sand	IS 2386 Part - 3
106	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (0.075 to 10mm)	IS 2386 (part-1)
107	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness by Na2So4 & MgSo4	IS 2386 (part-5)
108	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (part-3)
109	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Surface Moisture	IS 2386 (part-3)
110	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (part-3)
111	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Final Setting Time	IS 1727-1967
112	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength at 28 days	IS 1727
113	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Consistency	IS 4031(P-4)
114	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Blaine's Air Permeability	IS 1727
115	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Sieving Particles retained 45 micron	IS 1727
116	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Initial Setting Time	IS 1727
117	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness	IS 1727
118	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS 1727 (1967)
119	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Bleeding Test	IS 9103:
120	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Compacting Factor	IS 1199 Part-2
121	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Slump	IS 1199 (part 2)
122	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Ability to Resist Chloride Ion Penetration (RCPT)	ASTM C1202
123	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Cube Compressive Strength Core	IS 516 (part 4)

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124	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	"Viscosity Ratio at 60°C On residue from TFOT"	IS 1206 (Part2)
125	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Absolute Viscosity at 60°C	IS 1206 (Part 2)
126	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Ductility at 25°C	IS 1208
127	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Fire Point	IS 1209
128	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Flash Point	IS 1209
129	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Kinematic Viscosity at 135°C	IS 1206 (Part3)
130	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Penetration at 25°C	IS 1203
131	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Softening Point	IS 1205
132	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Solubility in Trichlorothylene	IS 1216
133	MECHANICAL- BUILDINGS MATERIALS	Paving Bitumen	Specific Gravity	IS 1216
134	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Compressive Strength	IS 15658
135	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Paving Block	Water Absorption	IS 15658
136	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel (Reinforcement and Structural)	Bend Test	IS 1599
137	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel (Reinforcement and Structural)	Elongation	IS 1608 (Part-1)
138	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel (Reinforcement and Structural)	Nominal Mass	IS 1786
139	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel (Reinforcement and Structural)	Tensile Strength	IS 1608 (Part-1)
140	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel (Reinforcement and Structural)	Yield Strength	IS 1608 (Part-1)

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141	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel (Reinforcement)	Rebend Test	IS 1786 (2008)
142	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutters	Adhesion of Piles (Knife Test)	IS 4020 (Part-14) (1998)
143	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutters	End Immersion	IS 4020 (Part-13) (1998)
144	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutters	Glue Adhesion Test	IS 4020 (Part-15) (1998)
145	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutters	Shock Resistance Test	IS 4020 (Part-8)
146	MECHANICAL- WOOD AND WOOD PRODUCTS	Flush Door Shutters	Slamming Test	IS 4020 (Part-10) (1998)
147	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood	Moisture Content	IS 1708 (Part-1)1986
148	MECHANICAL- WOOD AND WOOD PRODUCTS	Wood	Specific Gravity (Density)	IS 1708 (Part-2)1986

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LOCATION 2 - PLOT NO. 37 TO 39, AMAR NAGAR, VADODARA, GUJARAT, INDIA Permanent Facility				
1	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness (By Dry Sieving)	IS: 6186
2	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness (By Wet Sieving)	IS: 6186
3	MECHANICAL- SOIL AND ROCK	Bentonite	Marsh Cone Viscosity	ASTM D6910
4	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture Content	IS: 6186
5	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content	IS 6186
6	MECHANICAL- SOIL AND ROCK	Bentonite	Specific Gravity	IS 2720 (Part-3 Sec1)
7	MECHANICAL- SOIL AND ROCK	Bentonite	Swelling Power	IS: 6186
8	MECHANICAL- SOIL AND ROCK	Rock	CERCHAR Abrasivity Index	"ISRM Suggested Method for Determining the Abrasivity of Rock by the CERCHAR Abrasivity Test"
9	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
10	MECHANICAL- SOIL AND ROCK	Rock	Mohr's Hardness	IS 13630 (part-13)
11	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index	IS-8764
12	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
13	MECHANICAL- SOIL AND ROCK	Rock	Slake Durability	IS 10050
14	MECHANICAL- SOIL AND ROCK	Rock	Tensile Strength- Brazilian Method	IS 10082
15	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
16	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
17	MECHANICAL- SOIL AND ROCK	Soil	Laboratory Permeability Test-Constant head method	IS 2720 (Part 17)

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18	MECHANICAL- SOIL AND ROCK	Soil	Atterberg's Limit - Plastic Limit	IS 2720 (Part 5)
19	MECHANICAL- SOIL AND ROCK	Soil	Atterbergs Limit (Liquid Limit)	IS 2720 (Part 5)
20	MECHANICAL- SOIL AND ROCK	Soil	Collection of Undisturbed Sample	IS 1892
21	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test- Angle of Internal friction (phi)	IS 2720 (Part 13)
22	MECHANICAL- SOIL AND ROCK	Soil	Direct shear Test- Cohesion (C)	IS 2720 (Part13)
23	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
24	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis- % Gravel	IS 2720 (Part 4)
25	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis- % Sand	IS 2720 (Part 4)
26	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis- % Silt & Clay	IS 2720 (Part 4)
27	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Modified Proctor) MDD	IS 2720 (Part-8)
28	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Modified Proctor) OMC	IS 2720 (Part-8)
29	MECHANICAL- SOIL AND ROCK	Soil	Hydrometer Test	IS: 2720 (Part-4)
30	MECHANICAL- SOIL AND ROCK	Soil	Laboratory CBR Test- Soaked	IS 2720 (Part 16)
31	MECHANICAL- SOIL AND ROCK	Soil	Laboratory CBR Test - Unsoaked"	IS 2720 (Part 16)
32	MECHANICAL- SOIL AND ROCK	Soil	Laboratory Permeability Test by Falling Head Method	IS 2720 (Part 17)
33	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (Standard Proctor) - MDD	IS 2720 (Part 7)
34	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (Standard Proctor) OMC	IS 2720 (Part-7)
35	MECHANICAL- SOIL AND ROCK	Soil	Moisture content	IS 2720 (Part -2)
36	MECHANICAL- SOIL AND ROCK	Soil	Oedometer Consolidation Test- Cc-Compression Index	IS 2720 (Part 15)

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37	MECHANICAL- SOIL AND ROCK	Soil	Oedometer Consolidation Test-Pc-Preconsolidation Pressure	IS 2720 (Part 15)
38	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6)
39	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3 Sec 1)
40	MECHANICAL- SOIL AND ROCK	Soil	Swell Pressure Test	IS 2720 (Part 41)
41	MECHANICAL- SOIL AND ROCK	Soil	Triaxial (CU)- Angle of Internal Friction	IS: 2720 (Part-12)
42	MECHANICAL- SOIL AND ROCK	Soil	Triaxial (CU)-Cohesion(C)	IS: 2720 (Part-12)
43	MECHANICAL- SOIL AND ROCK	Soil	Triaxial (UU)- Angle of Internal Friction	IS 2720 (Part-11)
44	MECHANICAL- SOIL AND ROCK	Soil	Triaxial (UU) -Cohesion(C)	IS 2720 (Part-11)
45	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part 10)

SCOPE OF ACCREDITATION

Laboratory Name : GEO ENGINEERING SERVICES, PLOT NO. 78 TO 80 & 95 TO 97, AMAR NAGAR, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 20/02/2022 to 19/02/2024 **Last Amended on** 22/12/2022

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 2 - PLOT NO. 37 TO 39, AMAR NAGAR, VADODARA, GUJARAT, INDIA Site Facility				
1	MECHANICAL- SOIL AND ROCK	Field Bridge	Load Test for Bridge and Slab	IRC SP 51
2	MECHANICAL- SOIL AND ROCK	Field Pile	High Strain Dynamic Test	ASTM-D-4945 & IRC-78 (Appendix-7)
3	MECHANICAL- SOIL AND ROCK	Field Soil	Collection of UDS Sample	IS 1892
4	MECHANICAL- SOIL AND ROCK	Field Soil	Field CBR Test	IS 2720 (Part-31)
5	MECHANICAL- SOIL AND ROCK	Field Soil	K-Value Test	IS 9214
6	MECHANICAL- SOIL AND ROCK	Field Soil	Plate Load Test for EV2	DIN-18134
7	MECHANICAL- SOIL AND ROCK	Field Soil	Plate Load Test for SBC	IS 1888
8	MECHANICAL- SOIL AND ROCK	Field Soil	Standard Penetration Test	IS 2131
9	MECHANICAL- SOIL AND ROCK	Soil	Field Density Test By Core Cutter Method	IS 2720 (Part 29)
10	MECHANICAL- SOIL AND ROCK	Soil	Field Density Test by Sand Replacement Method	IS 2720 (Part 28)
11	MECHANICAL- SOIL AND ROCK	Soil	Field Moisture Test by Core Cutter Method	IS 2720 (Part 29)
12	MECHANICAL- SOIL AND ROCK	Soil	Field Moisture Test By Sand Replacement method	IS 2720 (Part 28)
13	MECHANICAL- SOIL AND ROCK	Soil	Pile Load Test Lateral	IS 2911 (Part-4)
14	MECHANICAL- SOIL AND ROCK	Soil	Pile Load Test Vertical & Uplift	IS 2911 (Part-4)
15	MECHANICAL- SOIL AND ROCK	Soil	Soil Electrical Resistivity-Wenner's Configuration	IS 3043
16	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Material	Carbonation Test	IS 516 Part-05 Sec-03

SCOPE OF ACCREDITATION

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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	Building Material	Depth of Cover	BS 1881 PART-204
18	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Material	Half Cell Potential Test	IS 516 Part-05 Sec-02
19	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Material	Pile Integrity Test	IS 14893
20	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Material	Rebound Hammer Test	IS 516 Part-05 Sec-04
21	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Building Material	Ultrasonic Pulse Velocity	IS 516 Part-05 Sec-01