



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

LABORATORY - CENGRS GEOTECHNICA PVT. LTD.

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

A-100, SECTOR 63, GAUTAM BUDDHA NAGAR, NOIDA, UTTAR PRADESH, INDIA

in the field of

TESTING

Certificate Number: TC-7134

Issue Date: 23/04/2026

Valid Until: 22/04/2030

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: CENGRS GEOTECHNICA PVT. LTD.

Signed for and on behalf of NABL



Anuja Anand
Director

Dr. Ramanand N. Shukla
Chief Executive Officer



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Laboratory Name :

LABORATORY - CENGRS GEOTECHNICA PVT. LTD., A-100, SECTOR 63,
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Last Amended on 22/05/2026

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	MECHANICAL- SOIL AND ROCKS	Clay and Soils	Consolidation Properties	IS 2720 (Part 15)
2	MECHANICAL- SOIL AND ROCKS	Clays & Soils	CBR Test Soaked	IS : 2720 (Part-16)
3	MECHANICAL- SOIL AND ROCKS	Clays & Soils	CBR Testing UnSoaked	IS : 2720 (Part-16)
4	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Consolidated drained Test (CDT) - Deviator Stress	BS EN 17892(Part-9)
5	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Consolidated drained Test (CDT) - Total Angle of Friction	BS EN 17892(Part-9)
6	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Consolidated undrained test (CUT) with measurement of pore water pressure - Deviator Stress	IS: 2720 (Part-12)
7	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Consolidated undrained test (CUT) with measurement of pore water pressure - Total Angle of Friction	IS: 2720 (Part-12)
8	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Consolidated undrained test (CUT) with measurement of pore water pressure - Total Cohesion	IS: 2720 (Part-12)
9	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Consolidation - Av	IS : 2720 (Part-15)
10	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Consolidation - Cc	IS : 2720 (Part-15)
11	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Consolidation - Cv	IS : 2720 (Part-15)
12	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Consolidation - Mv	IS : 2720 (Part-15)
13	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Consolidation - T50	IS : 2720 (Part-15)
14	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Consolidation - T90	IS : 2720 (Part-15)
15	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Consolidation Final Void Ratio	IS : 2720 (Part-15)
16	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Consolidation Initial Void Ratio	IS : 2720 (Part-15)
17	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Free Swell Index	IS 2720 (Part 40)



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18	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Heavy Compaction - Maximum Dry Density	IS 2720 (Part VIII)
19	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Heavy Compaction - Optimum Moisture Content	IS 2720 (Part VIII)
20	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Light Compaction - Maximum Dry Density	IS 2720 (Part VII)
21	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Light Compaction - Optimum Moisture Content	IS 2720 (Part VII)
22	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Liquid Limit	IS 2720 (Part V)
23	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Permeability by Falling Head Method	IS 2720 (Part 17)
24	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Permeability of Granular Soils by Constant Head Method	IS 2720 (Part 17)
25	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Plastic Limit	IS 2720 (Part V)
26	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Plasticity index of soil	IS 2720 (Part 5)
27	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Shrinkage Limit	IS 2720 (Part VI)
28	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Swelling Pressure	IS 2720 (Part 41)
29	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Unconfined Compressive Strength	IS 2720 (Part 10)
30	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Unconsolidated undrained test (UUT) Compression without measurement of pore water pressure - Cohesion Value	IS 2720 (Part 11)
31	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Unconsolidated undrained test (UUT) Compression without measurement of pore water pressure - Stress-Strain Curve	IS : 2720 (Part-11)
32	MECHANICAL- SOIL AND ROCKS	Clays and Soils	Collapse Potential	ASTM D5333 (Withdrawn)
33	MECHANICAL- SOIL AND ROCKS	Clays and Soils	Consolidated drained Test (CDT) - Effective Angle of Friction	BS EN 17892 (Part 9)
34	MECHANICAL- SOIL AND ROCKS	Clays and Soils	Consolidated drained Test (CDT) - Effective Cohesion Value	BS EN 17892 (Part 9)
35	MECHANICAL- SOIL AND ROCKS	Clays and Soils	Consolidated drained Test (CDT) - Total Cohesion value	BS EN 17892(Part-9)

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36	MECHANICAL- SOIL AND ROCKS	Clays and Soils	Consolidated undrained test (CUT) with measurement of pore water pressure - Effective Angle of Friction	IS 2720 (Part XII)
37	MECHANICAL- SOIL AND ROCKS	Clays and Soils	Consolidated undrained test (CUT) with measurement of pore water pressure - Effective cohesion value	IS 2720 (Part XII)
38	MECHANICAL- SOIL AND ROCKS	Clays and Soils	Direct Shear - Angle of Friction	IS 2720 (Part XIII)
39	MECHANICAL- SOIL AND ROCKS	Clays and Soils	Direct Shear - Cohesion	IS 2720 (Part XIII)
40	MECHANICAL- SOIL AND ROCKS	Clays and Soils	Relative Density (Max & Min)	IS 2720 (Part 14)
41	MECHANICAL- SOIL AND ROCKS	Clays and Soils	Unconsolidated undrained test (UUT) compression without the measurement of pore water pressure - Angle of Friction	IS 2720 (Part XI)
42	MECHANICAL- SOIL AND ROCKS	Other	Linear shrinkage of soil	IS 2720 (Part 20)
43	MECHANICAL- SOIL AND ROCKS	Rock	E value Test on Rock	IS 9221
44	MECHANICAL- SOIL AND ROCKS	Rock	Cerchar Abrasivity Index	ASTM D7625 (Withdrawn)
45	MECHANICAL- SOIL AND ROCKS	Rock	Classification	IS : 13365 (Part-1)
46	MECHANICAL- SOIL AND ROCKS	Rock	Density	IS 13030
47	MECHANICAL- SOIL AND ROCKS	Rock	Hardness of Rock on Mho Scale	IS: 13630 (Part-13)
48	MECHANICAL- SOIL AND ROCKS	Rock	Point Load Strength Index	IS 8764
49	MECHANICAL- SOIL AND ROCKS	Rock	Poisson's Ratio of rock	IS:13030
50	MECHANICAL- SOIL AND ROCKS	Rock	Porosity	IS 13030
51	MECHANICAL- SOIL AND ROCKS	Rock	Tensile Strength of Rock by Brazilian Test	IS 10082
52	MECHANICAL- SOIL AND ROCKS	Rock	Unconfined Compressive Strength	IS 9143
53	MECHANICAL- SOIL AND ROCKS	Rock	Water Absorption	IS:13030

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54	MECHANICAL- SOIL AND ROCKS	Rock	Water Content	IS:13030
55	MECHANICAL- SOIL AND ROCKS	Rocks	Slake Durability Test on rock	IS 10050
56	MECHANICAL- SOIL AND ROCKS	Soil	Bulk & Dry Density	IS 2720 (Part 29)
57	MECHANICAL- SOIL AND ROCKS	Soil	Grain size Analysis (0.002 to 80 mm)	IS 2720 (Part IV)
58	MECHANICAL- SOIL AND ROCKS	Soil	Water Content	IS 2720 (Part 2)
59	MECHANICAL- SOIL AND ROCKS	Soil & Rock	Specific Gravity - fine, medium & coarse grained soils	IS 2720 (Part 3 / Sec 2)
60	MECHANICAL- SOIL AND ROCKS	Soil & Rock	Specific Gravity - fine grained soil	IS 2720 (Par 3 & Sec 1)



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Site Testing				
1	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Thin Walled Tube Sampling (UDS)	IS: 2132
2	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Cyclic Plate Load Test-Modulus of Subgrade Reaction (k)	IS : 5249
3	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Dissipation Test in CPTu-kh value	ASTM D5778
4	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Field Permeability Test on soil	IS:5529 (Part-1)
5	MECHANICAL- SOIL AND ROCKS	Clays & Soils	Modulus of sub Grade reaction	IS : 9214
6	MECHANICAL- SOIL AND ROCKS	Others	Vane Shear test	IS : 4434
7	MECHANICAL- SOIL AND ROCKS	Soil	Cyclic Plate Load Test- Coefficient of uniform elastic compression (Cu)	IS : 5249
8	MECHANICAL- SOIL AND ROCKS	Soil	Electric Cone Penetration Test- T-50	IS 4968 (Part-III)
9	MECHANICAL- SOIL AND ROCKS	Soil	Electric Cone Penetration Test- "Ch value"	IS:4968 (Part-III)
10	MECHANICAL- SOIL AND ROCKS	Soil	Electric Cone Penetration Test- Cone Tip Resistance	ISO 22476-1
11	MECHANICAL- SOIL AND ROCKS	Soil	Electric Cone Penetration Test- Fractional Ratio	ISO 22476-1
12	MECHANICAL- SOIL AND ROCKS	Soil	Electric Cone Penetration Test- M	IS:4968 (Part-III)
13	MECHANICAL- SOIL AND ROCKS	Soil	Electric Cone Penetration Test- Pore Pressure Measurement	ISO 22476-1
14	MECHANICAL- SOIL AND ROCKS	Soil	Seismic cone penetration (SCPT) Test	ASTM D7400
15	MECHANICAL- SOIL AND ROCKS	Soil and Rock	Dynamic Cone Penetration- without bentonite slurry	IS 4968 (Part-I)
16	MECHANICAL- SOIL AND ROCKS	Soil and Rock	Cross Hole Seismic Test	ASTM D4428M
17	MECHANICAL- SOIL AND ROCKS	Soil and Rock	Down Hole Seismic Test	ASTM D4428M
18	MECHANICAL- SOIL AND ROCKS	Soil and Rock	Dynamic Cone Penetration Test-using bentonite slurry	IS 4968 (Part-II)
19	MECHANICAL- SOIL AND ROCKS	Soil and Rock	Earth Resistivity Test	IS 3043



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20	MECHANICAL- SOIL AND ROCKS	Soil and Rock	Field CBR by DCP	ASTM D6951M
21	MECHANICAL- SOIL AND ROCKS	Soil and Rock	High Strain Dynamic Load Test	IRC 78
22	MECHANICAL- SOIL AND ROCKS	Soil and Rock	Low Strain Pile Integrity Test	IRC 78
23	MECHANICAL- SOIL AND ROCKS	Soil and Rock	Plate Load Test	IS 1888
24	MECHANICAL- SOIL AND ROCKS	Soil and Rock	Pressuremeter test-Limit pressure	ASTM D 4719
25	MECHANICAL- SOIL AND ROCKS	Soil and Rock	Seismic Refraction Test	IS 15681
26	MECHANICAL- SOIL AND ROCKS	Soil and Rock	STANDARD PENETRATION TEST	IS 2131
27	MECHANICAL- SOIL AND ROCKS	Soil and Rock	Standard Penetration Test-Energy Measurement	ASTM D1586
28	MECHANICAL- SOIL AND ROCKS	Soil and Rock	Static Cone Penetration Test-Cone Tip Resistance	IS 4968 (Part-III)
29	MECHANICAL- SOIL AND ROCKS	Soil and Rock	Static Cone Penetration Test-Frictional Resistance	IS 4968 (Part-III)
30	MECHANICAL- SOIL AND ROCKS	Soil and Rocks	Field California Baring Ratio Test	IS 2720 (Part-31)
31	MECHANICAL- SOIL AND ROCKS	Soil and Rocks	Pressuremeter test-Deformation modulus	ASTM D 4719
32	MECHANICAL- SOIL AND ROCKS	Soils and Rock	Elastic modulus of Compacted Layer EV2 by First/Second step Loading in Plate Load Test of Soil	DIN 18134