National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SOIL ENGINEERING CONSULTANTS, SD-72-73, SECTOR 45, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9925 **Page No** 1 of 2

Validity 29/09/2021 to 28/09/2023 **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 Facility				
1	MECHANICAL- SOIL AND ROCK	Clays & Soil	Bulk & Dry Density	IS 2720 (Part 29)
2	MECHANICAL- SOIL AND ROCK	Clays & Soil	California Bearing Ratio	IS 2720 (Part 16)
3	MECHANICAL- SOIL AND ROCK	Clays & Soil	Coefficient of Consolidation	IS 2720 (Part 15)
4	MECHANICAL- SOIL AND ROCK	Clays & Soil	Direct Shear - Angle of Friction	IS 2720 (Part 13)
5	MECHANICAL- SOIL AND ROCK	Clays & Soil	Direct Shear - Cohesion	IS 2720 (Part 13)
6	MECHANICAL- SOIL AND ROCK	Clays & Soil	Free Swell Index	IS 2720 (Part 40)
7	MECHANICAL- SOIL AND ROCK	Clays & Soil	Grain Size Analysis (0.002 mm to 125 mm)	IS 2720 (Part 4)
8	MECHANICAL- SOIL AND ROCK	Clays & Soil	Heavy Compaction - Maximum Dry Density	IS 2720 (Part 8)
9	MECHANICAL- SOIL AND ROCK	Clays & Soil	Heavy Compaction - Optimum Moisture Content	IS 2720 (Part 8)
10	MECHANICAL- SOIL AND ROCK	Clays & Soil	Light Compaction - Maximum Dry Density	IS 2720 (Part 7)
11	MECHANICAL- SOIL AND ROCK	Clays & Soil	Light Compaction - Optimum Moisture Content	IS 2720 (Part 7)
12	MECHANICAL- SOIL AND ROCK	Clays & Soil	Liquid Limit	IS 2720 (Part 5)
13	MECHANICAL- SOIL AND ROCK	Clays & Soil	Permeability by Falling Head Method	IS 2720 (Part 17)
14	MECHANICAL- SOIL AND ROCK	Clays & Soil	Plastic Limit	IS 2720 (Part 5)
15	MECHANICAL- SOIL AND ROCK	Clays & Soil	Specific Gravity - Fine, Medium & Coarse Grained Soils	IS 2720 (Part 3, Section 1)
16	MECHANICAL- SOIL AND ROCK	Clays & Soil	Swelling Pressure	IS 2720 (Part 41)
17	MECHANICAL- SOIL AND ROCK	Clays & Soil	Unconfinned Compressive Strength	IS 2720 (Part 10)

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18	MECHANICAL- SOIL AND ROCK	Clays & Soil	Unconsolidated Undrained Test (UUT) Compression without Measurement of Pore Water Pressure - Cohesion Value	IS 2720 (Part 11)
19	MECHANICAL- SOIL AND ROCK	Clays & Soil	Unconsolidated Undrained Test (UUT)-Compression without the Measurement of Pore Water Pressure - Angle of Friction	IS 2720 (Part 11)
20	MECHANICAL- SOIL AND ROCK	Clays & Soil	Water Content Test	IS 2720 (Part 2)
21	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
22	MECHANICAL- SOIL AND ROCK	Rock	Point Load Strength Index	IS 8764
23	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
24	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 13030
25	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
26	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS 1124