National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SOIL EXPLORATION SERVICES(SOIL MECHANICS LABORATORY), H.NO. 6-185/190 SRINIVASA NAGAR COLONY, BANDLAGUDA JAGIR, HYDERSHAKOTE, HYDERABAD, RANGA REDDY, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10427 **Page No** 1 of 2

Validity 17/03/2022 to 16/03/2024 **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	Rock	Point load strength index of rocks	IS 8764
2	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 13030
3	MECHANICAL- SOIL AND ROCK	Clay Soil	Unconfined Compressive Strength	IS 2720 (Part 10)
4	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
5	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
6	MECHANICAL- SOIL AND ROCK	Rock	Scratch Hardness of Surface According to Mohs' Scale	IS 13630 (Part 13)
7	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
8	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
9	MECHANICAL- SOIL AND ROCK	Soil	Water Content-dry density relation using heavy compaction	IS 2720 (Part 8)
10	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS 2720 (Part 16)
11	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test	IS 2720 (Part 13)
12	MECHANICAL- SOIL AND ROCK	Soil	Free Swell index	IS 2720 (Part 40)
13	MECHANICAL- SOIL AND ROCK	Soil	Grain size analysis (4.75 mm to 75 micron)	IS 2720 (Part 4)
14	MECHANICAL- SOIL AND ROCK	Soil	Grain size analysis (Dry Sieve)	IS 2720 (Part 4)
15	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
16	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage factors	IS 2720 (Part 6)
17	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3)
18	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part 2)

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19	MECHANICAL- SOIL AND ROCK	Soil	Water Content-dry density relation using light compaction (MDD)	IS 2720 (Part 7)
20	MECHANICAL- SOIL AND ROCK	Soil	Water Content-dry density relation using light compaction (OMC)	IS 2720 (Part 7)