National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TESTING LABORATORY OF ENGINEERS DIAGNOSTIC CENTRE PRIVATE LIMITED, 2ND FLOOR , NIKHIL TOWERS, PULLEPADY, KOCHI, ERNAKULAM, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9851 **Page No** 1 of 2

Validity 15/09/2021 to 14/09/2023 **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	Clay	Grain Size Analysis (Hydrometer analysis)	IS 2720 (Part 4)
2	MECHANICAL- SOIL AND ROCK	Coarse Sand	Grain Size Analysis by dry sieve method	IS 2720 (Part 4)
3	MECHANICAL- SOIL AND ROCK	Coarse Sand	Grain Size Analysis by wet sieve method	IS 2720 (Part 4)
4	MECHANICAL- SOIL AND ROCK	Fine Sand	Grain Size Analysis by wet sieve method	IS 2720 (Part 4)
5	MECHANICAL- SOIL AND ROCK	Gravel	Grain Size Analysis by dry sieve method	IS 2720 (Part 4)
6	MECHANICAL- SOIL AND ROCK	Gravel	Grain Size Analysis by wet sieve method	IS 2720 (Part 4)
7	MECHANICAL- SOIL AND ROCK	Medium Sand	Grain Size Analysis	IS 2720 (Part 4)
8	MECHANICAL- SOIL AND ROCK	Medium Sand	Grain Size Analysis by dry sieve method	IS 2720 (Part 4)
9	MECHANICAL- SOIL AND ROCK	Silt	Grain Size Analysis - Hydrometer analysis	IS 2720 (Part 4)
10	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part 16)
11	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit (Atterberg's Limit)	IS 2720 (Part 5)
12	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density (Water content-dry density relation using heavy compaction)	IS 2720 (Part 8)
13	MECHANICAL- SOIL AND ROCK	Soil	Moisture content	IS 2720 (Part 2)
14	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content (Water content-dry density relation using heavy compaction)	IS: 2720 (Part 8)
15	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit (Atterberg's Limit)	IS 2720 (Part 5)
16	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3)
17	MECHANICAL- SOIL AND ROCK	Soil	Water content-dry density relation using light compaction - (Optimum Moisture Content)	IS 2720 (Part 7)

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18	MECHANICAL- SOIL AND ROCK	Soil	Water content-dry density relation using light compaction (Maximum Dry Density)	IS 2720 (Part 7)