National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CIVIL ENGINEERING TESTING LABORATORY, ENGINEERING STAFF COLLEGE OF INDIA, OLD BOMBAY ROAD, GACHIBOWLI, HYDERABAD, RANGA REDDY, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6691 **Page No** 1 of 2

Validity 13/01/2021 to 12/01/2023 **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- BUILDINGS MATERIALS	BItumen Mix	Binder Content	IRC SP 112
2	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Cube	Compressive Strength	IS 516
3	MECHANICAL- BUILDINGS MATERIALS	coarse Aggregate	Sieve Analysis	IS 2386 Part 1
4	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 Part 3
5	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity (Smaller than 10 mm)	IS 2386 Part 3
6	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 Part 3
7	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density	IS 2386 Part 3
8	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis	IS 2386 Part 1
9	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 Part 3
10	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 Part 3
11	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 Part 16
12	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test	IS 2720 Part 13
13	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 Part 40
14	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Dry Method)	IS 2720 Part 4
15	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction	IS 2720 Part 8
16	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction	IS 2720 Part 7
17	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 Part 5
18	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 Part 5

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19	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 Part 3 / Sec 1
20	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (UU)	IS 2720 Part 11