National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ROADWORKS ENGINEERS AND CONSULTANTS PRIVATE LIMITED (LABORATORY), PLOT NO. 31, 15-31-XV-M-31, GREEN HILLS ROAD, VENKATARAMANA COLONY, KUKATPALLY, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11443 **Page No** 1 of 1

Validity 14/03/2023 to 13/03/2025 **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	Coarse Aggregates	Gradation (Sieve analysis) - 100 mm to 4.75 mm	IS 2386 (Part 1)
2	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (Part 1)
3	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (Part 1)
4	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact value	IS 2386 (Part 4)
5	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific gravity	IS 2386 (Part 3)
6	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water absorption	IS 2386 (Part 3)
7	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Gradation (Sieve analysis) - 10 mm to 0.075 mm	IS 2386 (Part 1)
8	MECHANICAL- SOIL- BASIC	Soil	California Baring Ratio (CBR)	IS 2720 (Part 16)
9	MECHANICAL- SOIL- BASIC	Soil	Free Swell index	IS 2720 (Part 40)
10	MECHANICAL- SOIL- BASIC	Soil	Grain size analysis - 4.75mm to 0.075 mm	IS 2720 (Part 4)
11	MECHANICAL- SOIL- BASIC	Soil	Liquid Limit	IS 2720 (Part 5)
12	MECHANICAL- SOIL- BASIC	Soil	Maximum Dry Density (MDD) - Heavy Compaction	IS 2720 (Part 8)
13	MECHANICAL- SOIL- BASIC	Soil	Maximum Dry Density (MDD) - Light Compaction	IS 2720 (Part 7)
14	MECHANICAL- SOIL- BASIC	Soil	Optimum Moisture Content (OMC) - Heavy Compaction	IS 2720 (Part 8)
15	MECHANICAL- SOIL- BASIC	Soil	Optimum Moisture Content (OMC) - Light Compaction	IS 2720 (Part 7)
16	MECHANICAL- SOIL- BASIC	Soil	Plastic Limit	IS 2720 (Part 5)