National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SWAYIN & ASSOCIATES (TESTING LABORATORY DIVISION), PLOT NO:350A,SAHEED NAGAR, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11086 **Page No** 1 of 1

Validity 23/10/2022 to 22/10/2024 **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	Soil	Direct Shear test (angle of shearing Resistance)	IS:2720 (Part 13)
2	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS:2720 (Part 16)
3	MECHANICAL- SOIL AND ROCK	Soil	Direct shear test (Cohesion Intercept)	IS:2720 (Part 13)
4	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS:2720 (Part 40)
5	MECHANICAL- SOIL AND ROCK	Soil	Grain size analysis	IS:2720 (Part 4)
6	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720(part 8)
7	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction(MDD)	IS :2720 (Part 8)
8	MECHANICAL- SOIL AND ROCK	Soil	Light compaction (MDD)	IS :2720(part 7)
9	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720(part 7)
10	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS :2720 (Part 5)
11	MECHANICAL- SOIL AND ROCK	Soil	Moisture content	IS:2720 (Part 2)
12	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5)
13	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720(part 6)
14	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720(part 3)
15	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial (UU) compression without pore water pressure (cohesion intercept)	IS 2720(part 11)
16	MECHANICAL- SOIL AND ROCK	Soil	Tri-axial shear test (angle of shearing Resistance)	IS:2720 (Part 11)
17	MECHANICAL- SOIL AND ROCK	Soil	UCS	IS 2720 (Part 10)