National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PURWANCHAL CONSTRUCTIONS, SARSAWAN, KULLI KHERA ROAD, SULTANPUR ROAD, ARJUNGANJ, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9997 **Page No** 1 of 1

Validity 18/10/2021 to 17/10/2023 **Last Amended on** 20/06/2023

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	California Bearing Ratio	IS 2720 (Part-16)
2	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Compression Index)	IS 2720 (Part-15)
3	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Void Ratio)	IS 2720 (Part-15)
4	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part-40)
5	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Sieve Size - 19mm, 4.75mm, 2.0mm, 425 micron, 75 micron)	IS 2720 (Part-4)
6	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Maximum Dry Density, MDD)	IS 2720 (Part-8)
7	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Optimum Moisture Content, OMC)	IS 2720 (Part-8)
8	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part-5)
9	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part-2)
10	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part-5)
11	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part-3/Sec-1)
12	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (Angle of Internal Friction)	IS 2720 (Part-11)
13	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (Cohesion Intercept)	IS 2720 (Part-11)