National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PARESH CONSTRUCTIONS AND FOUNDATIONS PRIVATE LIMITED, PLOT NO. R-861, T.T.C. INDUSTRIAL AREA, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9114 **Page No** 1 of 3

Validity 01/03/2023 to 28/02/2025 **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	CHEMICAL- SOIL AND ROCK	Clays & Soils	Chloride content	BS 1377 (Part 3) clause 7
2	CHEMICAL- SOIL AND ROCK	Clays & Soils	pH	IS 2720 (Part-26)
3	CHEMICAL- SOIL AND ROCK	Clays & Soils	Total Soluble Sulphate	IS 2720 (Part 27)
4	CHEMICAL- WATER	Ground Water	Chloride Content	IS 3025(Part 32)
5	CHEMICAL- WATER	Ground Water	pH Value	IS 3025 (Part 11)
6	CHEMICAL- WATER	Ground Water	Sulphate Content	IS 3025 (Part 24)
7	MECHANICAL- SOIL AND ROCK	Clays & Soil	Unconfined compression strenghth	IS 2720 (Part-10)
8	MECHANICAL- SOIL AND ROCK	Clays & Soils	California Bearing Ratio	IS 2720 (Part 16)
9	MECHANICAL- SOIL AND ROCK	Clays & Soils	Direct shear Test (Cohesion)	IS 2720 (Part 13)
10	MECHANICAL- SOIL AND ROCK	Clays & Soils	Direct Shear Test (Angle of internal fraction)	IS 2720 (Part 13)
11	MECHANICAL- SOIL AND ROCK	Clays & Soils	Free swell Index	IS 2720 (Part 40)
12	MECHANICAL- SOIL AND ROCK	Clays & Soils	Grain Size Analysis	IS 2720 (Part-4)
13	MECHANICAL- SOIL AND ROCK	Clays & Soils	Heavy Compaction (Maximum dry density)	IS 2720 (Part- 8)
14	MECHANICAL- SOIL AND ROCK	Clays & Soils	Heavy Compaction (Optimim moisure content)	IS 2720 (Part-8)
15	MECHANICAL- SOIL AND ROCK	Clays & Soils	Hydrometer Analysis	IS 2720 (Part 4)
16	MECHANICAL- SOIL AND ROCK	Clays & Soils	Lab Vane Shear Test	IS 2720 (Part 30)
17	MECHANICAL- SOIL AND ROCK	Clays & Soils	Light Compaction (Optimum Moisure Content)	IS 2720 (Part 7)
18	MECHANICAL- SOIL AND ROCK	Clays & Soils	Liquid Limit	IS 2720 (Part 5)
19	MECHANICAL- SOIL AND ROCK	Clays & Soils	Natural Moisure Content	IS 2720 (Part-2)

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20	MECHANICAL- SOIL AND ROCK	Clays & Soils	Permeability by falling head	IS 2720 (Part 17)
21	MECHANICAL- SOIL AND ROCK	Clays & Soils	Permiability by Constant head method	IS 2720 (Part-17)
22	MECHANICAL- SOIL AND ROCK	Clays & Soils	Plastic Limit	IS 2720 (Part 5)
23	MECHANICAL- SOIL AND ROCK	Clays & Soils	Shrinkage Limit	IS 2720(Part 6)
24	MECHANICAL- SOIL AND ROCK	Clays & Soils	Specific Gravity	IS 2720 (Part 3 Sec.1)
25	MECHANICAL- SOIL AND ROCK	Clays & Soils	Traixial Compresstion Test (CU) Cohesion	IS 2720 (Part 12)
26	MECHANICAL- SOIL AND ROCK	Clays & Soils	Triaxial compression test (UU) Cohesion	IS 2720 (Part -11)
27	MECHANICAL- SOIL AND ROCK	Clays & Soils	Triaxial compresstion test (UU) Angle of Internal Fraction	IS 2720 (Part - 11)
28	MECHANICAL- SOIL AND ROCK	Clays and Soils	Consolidation test (Compression Index)	IS 2720 (Part 15)
29	MECHANICAL- SOIL AND ROCK	Clays and soils	Consolidation test (Initial Void ratio)	IS 2720(Part 15)
30	MECHANICAL- SOIL AND ROCK	Clays and Soils	Light Compaction (Maximum dry density)	IS 2720 (Part 7)
31	MECHANICAL- SOIL AND ROCK	Clays and Soils	Swelling Pressure	IS 2720 (Part -41)
32	MECHANICAL- SOIL AND ROCK	Rock	Brazilian Test	IS 10082
33	MECHANICAL- SOIL AND ROCK	Rock	Density(dry density, bulk density, relative dry density)	IS 13030
34	MECHANICAL- SOIL AND ROCK	Rock	Modulus of elasticity	IS 9221
35	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index	IS 8764
36	MECHANICAL- SOIL AND ROCK	Rock	Poissions ratio	IS 9221
37	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
38	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS 2720(Part 3Sec .)

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39	MECHANICAL- SOIL AND ROCK	Rock	Triaxial compression test (Angle of internal fraction)	IS 13047
40	MECHANICAL- SOIL AND ROCK	Rock	Triaxial Compression Test (Cohesion)	IS 13047
41	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
42	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS 1124
43	MECHANICAL- SOIL AND ROCK	Rock	Water content	IS 13030
44	MECHANICAL- SOIL AND ROCK	Soil & Clay	Triaxial compression test (CU) Angle of internal fraction	IS 2720 (Part 12)