



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name MYRTLE PROJECT AND CONSULTANCY PVT. LTD., D. NO. 333 , AZAGHU VINAYAGAR STREET, ALAGAPURAM, SALEM, TAMIL NADU , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8460 Page No. : 1 / 3

Validity 29/04/2019 to 28/04/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	MECHANICAL- SOIL AND ROCK	Rock	Brazillian Test	IS 10082: 1981 RA: 2016	1 MN/m ² to 80 MN/m ²
2	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030: 1991 RA: 2016	1 g/cm ³ to 4 g/cm ³
3	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index Test	IS 8764: 1998 RA: 2014	1 N/mm ² to 35 N/mm ²
4	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030: 1991 RA: 2016	0.01 % to 20 %
5	MECHANICAL- SOIL AND ROCK	Rock	Specific Gravity	IS:1122:1974 RA: 2013	1 to 4
6	MECHANICAL- SOIL AND ROCK	Rock	Water Absorption	IS:1124: 1974 RA: 2017	0.1 % to 20 %
7	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030: 1991 RA: 2016	0.1 % to 25 %
8	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR) -Soaked	IS 2720 (Part 16): 1987 RA: 2016	0.5 % to 80 %
9	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR) -Unsoaked	IS 2720 (Part 16) : 1987 RA: 2016	0.5 % to 80 %
10	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test	IS 2720 (Part 15) : 1986 RA: 2011	0.01 to 0.5
11	MECHANICAL- SOIL AND ROCK	Soil	Constant Head Permeability Test	IS 2720 (Part 17) : 1986 RA: 2016	10 -2cm/s to 10 -9cm/s
12	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test- Angle of Internal Friction (Undrained/ Consolidated & Undrained)	IS 2720 (Part 13): 1986 RA: 2016	1 ° to 50 °



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13	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test- Cohesion (Undrained/ Consolidated & Undrained)	IS 2720 (Part 13): 1986 RA: 2016	0 kg/cm ² to 10 kg/cm ²
14	MECHANICAL- SOIL AND ROCK	Soil	Falling Head Permeability Test	IS 2720 (Part 17): 1986 RA: 2016	10 -2cm/s to 10 -9cm/s
15	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40): 1977 RA: 2016	5 % to 120 %
16	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Distribution (4.75 mm to 0.075 mm)	IS 2720 (Part 4): 1985 RA: 2015	0 % to 100 %
17	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction Test (Maximum Dry Density)	IS 2720 (Part 8): 1983 RA: 2015	1.00 g/cm ³ to 2.50 g/cm ³
18	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction Test (Optimum Moisture Content)	IS 2720 (Part 8): 1983 RA: 2015	1 % to 30 %
19	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction Test (Optimum Moisture Content)	IS 2720 (Part 7): 1980 RA: 2016	1 % to 35 %
20	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit (Mechanical Method)	IS 2720 (Part 5): 1985 RA: 2015	10 % to 90 %
21	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit -Soil Cone Penetrometer	IS 2720 (Part 5): 1985 RA: 2015	10 % to 90 %
22	MECHANICAL- SOIL AND ROCK	Soil	Normal Moisture Content	IS 2720 (Part 2): 1973 RA: 2015	1 % to 80 %
23	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5): 1985 RA: 2015	5 % to 80 %
24	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part 6): 1972 RA: 2016	1 % to 50 %



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25	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3): 1980 RA: 2011	2 to 3
26	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure Test	IS 2720 (Part 41): 1977 RA: 2016	0 kg/cm ² to 10 kg/cm ²
27	MECHANICAL- SOIL AND ROCK	Soil	Tri Axial Compression Test (UU)	IS 2720 (Part 11): 1993 RA: 2016	0 kg/cm ² to 2 kg/cm ²
28	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Test	IS 2720 (Part 10): 1991 RA: 2015	0 N/mm ² to 0.6 N/mm ²
29	MECHANICAL- SOIL AND ROCK	Soil	Vane Shear Test	IS 2720 (Part 30): 1980 RA: 2016	0.01 kg/cm ² to 0.5 kg/cm ²
30	MECHANICAL- SOIL AND ROCK	Soil	Water Content Test (Infra-red Moisture Meter)	IS 2720 (Part 2): 1973 RA: 2015	1 % to 80 %