National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MCORE LAB PRIVATE LIMITED, 54 OM ANAND INDUSTRIAL ESTATE, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8988 **Page No** 1 of 3

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- SOIL AND ROCK	Rock	Density	IS 13030
2	MECHANICAL- SOIL AND ROCK	Rock	Point load index	IS 8764
3	MECHANICAL- SOIL AND ROCK	Rock	Poissions ratio	IS 9221
4	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030
5	MECHANICAL- SOIL AND ROCK	Rock	Slake durability index	IS 10050
6	MECHANICAL- SOIL AND ROCK	Rock	Tensile strength (Brazilian)	IS 10082
7	MECHANICAL- SOIL AND ROCK	Rock	Unconfined Compressive Strength	IS 9143
8	MECHANICAL- SOIL AND ROCK	Rock	Water content	IS 13030
9	MECHANICAL- SOIL AND ROCK	Rock	Youngs Modulus	IS 9221
10	MECHANICAL- SOIL AND ROCK	Soil	Consolidation properties	IS 2720 P15
11	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear - Angle of friction	IS 2720 P13
12	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear - Coefficient of cohesion	IS 2720 P13
13	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 P40
14	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Hydrometer Analysis) - Clay	Is 2720 P4
15	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Hyrometer Analysis) - Silt	IS 2720 P4
16	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Optimum Moisture Content	IS 2720 P8
17	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Maximum Dry Density	IS 2720 P7
18	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Optimum Moisture Content	IS 2720 P7

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19	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 P2
20	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 P6
21	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720 P41
22	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Unconsolidated Undrained - Coefficient of cohesion	IS 2720 P11
23	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Unconsolidated Undrained- Angle of friction	IS 2720 P11
24	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 P10

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Site Facility				
1	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Cover meter (Scanner) test	BS 1881 (Part-204)
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Carbonation depth	BS EN 14630 , IS 516 (Part 5/sec3)
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Half cell potential	ASTM C 876
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Rebound Hammer	IS 13311 P2
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Concrete Structures	Ultrasonic Pulse velocity Test	IS 516 (Part-5/Sec-1)