National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BAJRANG TESTING LAB PRIVATE LIMITED, 36, CHAR BAGH COLONY, GOVERDHAN ROAD, MATHURA, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9379 **Page No** 1 of 3

Validity 30/03/2021 to 29/03/2023 **Last Amended on** 29/07/2022

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	Bentonite	Free Swell Index	IS 2720 (Part-40)
2	MECHANICAL- SOIL AND ROCK	Bentonite	Liquid Limit	IS 2720 (Part-5)
3	MECHANICAL- SOIL AND ROCK	Bentonite	Moisture Content	IS 6186
4	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content	IS 6186
5	MECHANICAL- SOIL AND ROCK	Granular Sub-Base (GSB)/Wet Mix Macadam (WMM)	California Bearing Ratio (CBR Value)	IS 2720 (Part-16)
6	MECHANICAL- SOIL AND ROCK	Granular Sub-Base (GSB)/Wet Mix Macadam (WMM)	Gradation (Sieve Sizes: 75mm, 53mm, 26.5mm, 9.5mm, 4.75mm, 2.36mm, 850 micron, 425 micron, 75 micron)	IS 2386 (Part-1)
7	MECHANICAL- SOIL AND ROCK	Granular Sub-Base (GSB)/Wet Mix Macadam (WMM)	Heavy Compaction (Maximum Dry Density)	IS 2720 (Part-8)
8	MECHANICAL- SOIL AND ROCK	Granular Sub-Base (GSB)/Wet Mix Macadam (WMM)	Heavy Compaction (Optimum Moisture Content)	IS 2720 (Part-8)
9	MECHANICAL- SOIL AND ROCK	Granular Sub-Base (GSB)/Wet Mix Macadam (WMM)	Impact Value	IS 2386 (Part-4)
10	MECHANICAL- SOIL AND ROCK	Granular Sub-Base (GSB)/Wet Mix Macadam (WMM)	Liquid Limit	IS 2720 (Part-5)
11	MECHANICAL- SOIL AND ROCK	Granular Sub-Base (GSB)/Wet Mix Macadam (WMM)	Plastic Limit	IS 2720 (Part-5)
12	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
13	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
14	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR Value)	IS 2720 (Part-16)
15	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part-40)
16	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Maximum Dry Density)	IS 2720 (Part-8)
17	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (Optimum Moisture Content)	IS 2720 (Part-8)

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18	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part-5)
19	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part-2)
20	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part-5)
21	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis (Sieve Size - 19mm, 4.75mm, 2.0mm, 425 micron, 75 micron)	IS 2720 (Part-4)
22	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part-3, Sec-1)

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Core cutter for field density	IS 2720 (P-29)
2	MECHANICAL- SOIL AND ROCK	Soil	Plate load test	IS:1888
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Bump Integrator	IRC SP 16
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced concrete	Bridge load test	IRC SP 51
5	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced concrete	Rebound hammer	IS 516(pt-5/sec-4)
6	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced concrete	Ultrasonic pulse velocity	IS 516(pt-5/sec-1)