National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GUNVATTA GEOTECH LABORATORY, WARD NO-21, ANAND NAGAR, USLAPUR, BILASPUR, CHHATTISGARH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9578 **Page No** 1 of 2

Validity 08/06/2021 to 07/06/2023 **Last Amended on** 23/06/2021

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- BUILDINGS MATERIALS	brick	Dimension (Height)	IS 1077
2	MECHANICAL- BUILDINGS MATERIALS	brick	Dimension (Length)	IS 1077, IS 13757
3	MECHANICAL- BUILDINGS MATERIALS	brick	Dimension (Width)	IS 1077
4	MECHANICAL- BUILDINGS MATERIALS	brick	Efflorescence	IS 3495 (P-3)
5	MECHANICAL- BUILDINGS MATERIALS	brick	water absorption	IS 3495 (P-2)
6	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	10% fines value	IS 2383 (P-4)
7	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Bulk Density	IS 2386 (P-3)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Crushing Value	IS 2386 (P-4)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Elongation Index	IS 2386 (P-1)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Flakiness Index	IS 2386 (P-1)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Impact Value	IS 2386 (P-4)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Sieve Analysis	IS 2386 (P-1)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate	Water Absorption	IS 2386 (P-3)
14	MECHANICAL- BUILDINGS MATERIALS	fine aggregate	Bulk density	IS 2383 (P-3)
15	MECHANICAL- BUILDINGS MATERIALS	fine aggregate	Sieve Analysis	IS 2386 (P-3)
16	MECHANICAL- BUILDINGS MATERIALS	fine aggregate	silt content	IS 2383 (P-2)
17	MECHANICAL- BUILDINGS MATERIALS	fine aggregate	Specific Gravity	IS 2386 (P-3)
18	MECHANICAL- BUILDINGS MATERIALS	fine aggrgate	water absorption	IS 2383 (P-3)

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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
19	MECHANICAL- SOIL AND ROCK	Soil	CBR	IS 2720 (P-16)
20	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 (P4)
21	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
22	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density by Heavy Compaction	IS 2720 (P-8)
23	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density By Light Compaction	IS 2720 (P-7)
24	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (P-2)
25	MECHANICAL- SOIL AND ROCK	soil	Optimum Moisture Content By Heavy Compaction	IS 2720 (P-8)
26	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content By Light Compaction	IS 2720 (P-7)
27	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (P-5)
28	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (P-3/S1)