National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL ENGINEERS & CONSULTANT, MCB/Z-5/05800, STREET NO 13/3, GURU GOBIND SINGH NAGAR, BATHINDA, PUNJAB, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5605 **Page No** 1 of 3

Validity 04/09/2021 to 03/09/2023 **Last Amended on** 11/10/2021

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	Aggregate 10 mm	Particle Size Test (is sieve 10mm)	IS 2386 P-1
2	MECHANICAL- BUILDINGS MATERIALS	Aggregate 10mm	Particle Size Test (is sieve 12.5mm)	IS 2386 P-1
3	MECHANICAL- BUILDINGS MATERIALS	Aggregate 10mm	Particle Size Test (is sieve 2.36mm)	IS 2386 P-1
4	MECHANICAL- BUILDINGS MATERIALS	Aggregate 10mm	Particle size Test (is sieve 4.75mm)	IS 2386 P-1
5	MECHANICAL- BUILDINGS MATERIALS	Aggregate 20mm	Particle Size Test (is sieve 10mm)	IS 2386 P-1
6	MECHANICAL- BUILDINGS MATERIALS	Aggregate 20mm	particle size test (is sieve 4.75mm)	IS 2386 P-1
7	MECHANICAL- BUILDINGS MATERIALS	Aggregate coarse 20mm	Elongation index test	IS 2386 (part-1)
8	MECHANICAL- BUILDINGS MATERIALS	Aggregates coarse	Flakiness index test	IS 2386 (part-1)
9	MECHANICAL- BUILDINGS MATERIALS	Brick	Compressive strength	IS 3495 (part-1)
10	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension (Lengthwise)	IS 1077
11	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimesion (Heightwise)	IS 1077
12	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimesion (widthwise)	IS 1077
13	MECHANICAL- BUILDINGS MATERIALS	Brick	Efflorescence test	IS 3495 (part-3)
14	MECHANICAL- BUILDINGS MATERIALS	Brick	Water Absorption	IS 3495 (Part-2)
15	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregate 20mm	Particle size test (sieve 40mm)	IS 2386 (part-1)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Crushing value test	IS 2386 (part-4)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Impact value test	iS 2386 (part-4)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Specific gravity test	IS 2386 (part-3)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Water absorption test	IS 2386 (part-3)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates 20mm	Particle size test (sieve 20 mm)	IS 2386 (part-1)
21	MECHANICAL- BUILDINGS MATERIALS	Concrete cube	Compressive strength	IS 516
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggreagte	Particle Size Test (is sieve 0.300mm)	IS 383
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Particle Size test (is sieve 0.150mm)	IS 383
24	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Particle Size Test (is sieve 0.600mm)	IS 383
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Particle Size Test (is sieve 1.18mm)	IS 383
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Particle Size Test (is sieve 2.36mm)	IS 383
27	MECHANICAL- BUILDINGS MATERIALS	fine Aggregate	Particle Size Test (IS sieve 4.75mm)	IS 383
28	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Particle Size Test (is sieve 10mm)	IS 383
29	MECHANICAL- BUILDINGS MATERIALS	Paver block	Compressive strength	IS 15658
30	MECHANICAL- BUILDINGS MATERIALS	Paver block	Water absorption	IS 15658
31	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS:2720 (Part-40)
32	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (is sieve 0.075mm)	IS 2720 Part 4
33	MECHANICAL- SOIL AND ROCK	soil	Grain Size Analysis (is sieve 0.425 mm)	IS 2720 Part -4
34	MECHANICAL- SOIL AND ROCK	Soil	Grain Size analysis (is sieve 4.75mm)	IS 2720 Part 4
35	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (sieve 10 mm)	IS:2720 (Part-4)
36	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS:2720 (Part-5)
37	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density	IS:2720 (Part-8)

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38	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS:2720 (Part-2)
39	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content	IS:2720 (Part-8)
40	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit (NP)	IS:2720 (Part-5)
41	MECHANICAL- SOIL AND ROCK	Soil	Soil (IS sieve 4.75mm)	IS 2720 Part-4