National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRE FOR CIVIL TESTING AND CONSULTANCY, THIAGARAJAR POLYTECHNIC COLLEGE, THIAGARAJAR POLYTECHNIC COLLEGE, CENTRE FOR CIVIL TESTING AND CONSULTANCY,JUNCTION MAIN ROAD , SURAMANGALAM POST, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11613 **Page No** 1 of 3

Validity 04/05/2023 to 03/05/2025 **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- BUILDINGS MATERIALS	Cement	Specific Gravity	IS 4031 Part 11
2	MECHANICAL- BUILDINGS MATERIALS	Steel	Ultimate Tensile Stress	IS 1608 Part - 1
3	MECHANICAL- BUILDINGS MATERIALS	Brick (Burnt Clay / Fly ash)	Crushing Strength	IS3495 (Part - I)
4	MECHANICAL- BUILDINGS MATERIALS	Brick (Burnt Clay / Fly ash)	Dimension - Width	IS1077
5	MECHANICAL- BUILDINGS MATERIALS	Brick (Burnt Clay / Fly ash)	Dimension Test - Height	IS1077
6	MECHANICAL- BUILDINGS MATERIALS	Brick (Burnt Clay / Fly ash)	Dimension Test - Length	IS1077
7	MECHANICAL- BUILDINGS MATERIALS	Brick (Burnt Clay / Fly ash)	Efflorescence	IS 3495 Part - III
8	MECHANICAL- BUILDINGS MATERIALS	Brick (Burnt Clay / Fly ash)	Water absorption	IS 3495 Part - II
9	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 Part 6
10	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part 5)
11	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness (by Blaines's Air Permeability)	IS 4031 Part 2
12	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 Part 5
13	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness Test	IS 4031 Part 3
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10 % fines value	IS 2386 Part 4
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Deleterious materials	IS2386- Part 2
16	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Bulk Density (Loose)	IS 2386 :Part 3
17	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Bulk Density (Rodded)	IS2386 Part 3
18	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Crushing Value	IS 2386 :Part 4

SCOPE OF ACCREDITATION

Laboratory Name : CENTRE FOR CIVIL TESTING AND CONSULTANCY, THIAGARAJAR POLYTECHNIC COLLEGE, THIAGARAJAR POLYTECHNIC COLLEGE, CENTRE FOR CIVIL TESTING AND CONSULTANCY,JUNCTION MAIN ROAD , SURAMANGALAM POST, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11613 **Page No** 2 of 3

Validity 04/05/2023 to 03/05/2025 **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
19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 - Part I
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Fineness modulus	IS2386 Part 1
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 - Part I
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact value	IS 2386 - Part IV
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve analysis (80mm to 4.75mm)	IS 2386 - Part 1
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 - Part III
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Voids	IS 2386 Part III
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS2386 - Part III
27	MECHANICAL- BUILDINGS MATERIALS	Concrete	Crushing strength	IS516(Part 1/sec 1)
28	MECHANICAL- BUILDINGS MATERIALS	Concrete	Slump test	IS 1199 (Part 2)
29	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M.Sand, Crushing Sand)	Bulk Density (Rodded)	IS2386 Part 3
30	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M.Sand, Crushing Sand)	Bulking of Fine aggregates	IS2386 Part III
31	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M.Sand, Crushing Sand)	Deleterious Materials	IS2386 - Part II
32	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M.Sand, Crushing Sand)	Fineness Modulus	IS 2386 Part 1
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M.Sand, Crushing Sand)	Material Finer than 75 micron	IS2386 - Part 1
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M.Sand, Crushing Sand)	Organic Impurities	IS 2386-Part II
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M.Sand, Crushing Sand)	Sieve Analysis (10 mm to 150 microns)	IS 2386 Part I
36	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M.Sand, Crushing Sand)	Specific Gravity	IS2386 Part III
37	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M.Sand, Crushing Sand)	Surface Moisture	IS2386 Part III

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRE FOR CIVIL TESTING AND CONSULTANCY, THIAGARAJAR POLYTECHNIC COLLEGE, THIAGARAJAR POLYTECHNIC COLLEGE, CENTRE FOR CIVIL TESTING AND CONSULTANCY,JUNCTION MAIN ROAD , SURAMANGALAM POST, SALEM, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11613 **Page No** 3 of 3

Validity 04/05/2023 to 03/05/2025 **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
38	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate (River Sand, M.Sand, Crushing Sand)	water absorption	IS2386 - Part III
39	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates (River Sand, M.Sand, Crushing Sand)	Bulk Density (Loose)	IS2386 Part III
40	MECHANICAL- BUILDINGS MATERIALS	Masonry Block (Hollow & Solid)	Dimension (Length, Widht. Thickness)	IS 2185: Part I
41	MECHANICAL- BUILDINGS MATERIALS	Masonry Block (Hollow & Solid)	Water Absorption	IS 2185 Part 1
42	MECHANICAL- BUILDINGS MATERIALS	Masonry Blocks (Hollow & Solid)	Block Density	IS 2185 Part - 1
43	MECHANICAL- BUILDINGS MATERIALS	Masonry Blocks (Hollow & Solid)	Compressive Strength	IS 2185 Part : I
44	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Abrasion Test	IS15658
45	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS15658
46	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimension (Length, Width, Thickness & Aspect Ratio)	IS15658
47	MECHANICAL- BUILDINGS MATERIALS	Paver Blocks	Water Absorption	IS15658
48	MECHANICAL- BUILDINGS MATERIALS	Steel	Bend and Rebend	IS 1786
49	MECHANICAL- BUILDINGS MATERIALS	Steel	Elongation of steel rods	IS 1608 Part - 1
50	MECHANICAL- BUILDINGS MATERIALS	Steel	Nominal Size	IS 1786
51	MECHANICAL- BUILDINGS MATERIALS	Steel	Ts/Ys Ratio	IS 1608 Part - 1
52	MECHANICAL- BUILDINGS MATERIALS	Steel	Weight /metre length	IS 1786
53	MECHANICAL- BUILDINGS MATERIALS	Steel	Yield stress	IS 1608 Part -1