National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CONCRETE TECHNOLOGY LABORATORY, CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT), M. S. PATEL DEPARTMENT OF CIVIL ENGINEERING, CHARUSAT CAMPUS, OFF NADIAD-PETLAD HIGHWAY, ANAND, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10590 **Page No** 1 of 2

Validity 06/05/2022 to 05/05/2024 **Last Amended on** 14/06/2022

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- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 (Part 1,Clause 4.1)
2	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Height)	IS 1077 (Clause 6)
3	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Length)	IS 1077 (Clause 6)
4	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS 1077 (Clause 6)
5	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence	IS 3495 (Part 3)
6	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part 2, Clause 4.1)
7	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Compressive Strength	IS 4031 (Part 6)
8	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Final setting Time	IS 4031 (Part 5)
9	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Fineness (Blaine's)	IS 4031 (Part 2)
10	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Initial Setting Time	IS 4031 (Part 5)
11	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Soundness (Le- Chatelier)	IS 4031 (Part 3, Clause 5)
12	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC)	Standard Consistency	IS 4031 (Part 4)
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (Part 4, Clause 4)
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (Sieve Size: 10 mm to 63 mm)	IS 2386 (Part 1, Clause 2)
15	MECHANICAL- BUILDINGS MATERIALS	Concrete Hardened (Cube, Cylinder, Core)	Compressive Strength	IS 516 (Clause 5)
16	MECHANICAL- BUILDINGS MATERIALS	Concrete Hardened (Cylinder)	Split Tensile	IS 5816
17	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water absorption	IS 2386 (Part 3, Clause 2.4)
18	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (Sieve Size: 150 micron to 4.75 mm)	IS 2386 (Part 1, Clause 2)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	CONCRETE TECHNOLOGY LABORATORY, CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT), M. S. PATEL DEPARTMENT OF CIVIL ENGINEERING, CHARUSAT CAMPUS, OFF NADIAD-PETLAD HIGHWAY, ANAND, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-10590	**Page No**	2 of 2
Validity	06/05/2022 to 05/05/2024	**Last Amended on**	14/06/2022

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
19	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (Part 3, Clause 2.4)
20	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Flow Test	IS 1199 (Clause 5.3)
21	MECHANICAL- BUILDINGS MATERIALS	Fresh Concrete	Workability (Slump)	IS 1199 (Clause 5.1)