National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CIVIL ENGINEERING RESEARCH LABORATORY, LAB HOUSE, ROAD NO.5, RJD INTEGRATED TEXTILE PARK, SITP-1, ICHHAPORE, HAZIRA ROAD, SURAT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5559 **Page No** 1 of 2

Validity 26/10/2021 to 25/10/2023 **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	Brick	Compressive Strength	IS 3495 Part-1
2	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension (Height)	IS 1077
3	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension (Length)	IS 1077
4	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension (Width)	IS 1077
5	MECHANICAL- BUILDINGS MATERIALS	Brick	Water Absorption	IS 3495 Part-2
6	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC and PPC)	Compressive Strength	IS 4031 Part-6
7	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC and PPC)	Consistency	IS 4031 Part-4
8	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC and PPC)	Final Setting Time	IS 4031 Part-5
9	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC and PPC)	Fineness by Blain Permeability	IS 4031 Part-2
10	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC and PPC)	Fineness by Dry Sieve	IS 4031 Part-1
11	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC and PPC)	Intial Setting Time	IS 4031 Part-5
12	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC and PPC)	Soundness by Le-Chatelier	IS 4031 Part-3
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 Part-1
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 Part-1
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 Part-4
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (Is Sieve : 100 mm to 6.3 mm)	IS 2386 Part-1
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 Part-3
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 Part-3

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19	MECHANICAL- BUILDINGS MATERIALS	Concrete	Slump Test	IS 1199
20	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive Strength	IS 516
21	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (IS Sieve : 10 mm to 75 Micron)	IS 2386 Part-1
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 Part-3
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 Part-3
24	MECHANICAL- BUILDINGS MATERIALS	pre - casted blocks	compressive strength	15658
25	MECHANICAL- BUILDINGS MATERIALS	pre -casted blocks	Water Absorption	15658
26	MECHANICAL- SOIL AND ROCK	Soil	CBR	IS 2720 Part-16
27	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 Part-40
28	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 Part-8
29	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 Part-8
30	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 Part-7
31	MECHANICAL- SOIL AND ROCK	Soil	Light Compation (OMC)	IS 2720 Part-7
32	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 Part-5
33	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 Part-5
34	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis (Sieve Size : 4.75 mm to 75 Micron)	IS 2720 Part-4