National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RCTRC CENTRAL LAB, VILLAGE-JHANJH, SECTOR-24, ATAL NAGAR, NAWA RAIPUR, RAIPUR, CHHATTISGARH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9942 **Page No** 1 of 2

Validity 04/10/2021 to 03/10/2023 **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	Cement (OPC,PPC,PSC)	Final Setting Time	IS:4031 (Part-V)
2	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Compressive Strength	IS:4031 (Part-VI)
3	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Consistency of Standard Cement paste	IS:4031 (Part-IV)
4	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Density	IS 4031 (Part 11)
5	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Fineness by dry sieve method (90 micron sieve)	IS:4031 (Part-I)
6	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Initial Setting Time	IS:4031 (Part-5)
7	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC,PPC,PSC)	Soundness (Le-Chatelier Method)	IS:4031 (Part-III)
8	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Impact Value	IS:2386(Part-IV)
9	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness & Elongation Index (FI&EI)	IS:2386 (Part-I)
10	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve size analysis	IS:2386 (Part-I)
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS:2386 (Part-III)
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS:2386 (Part-III)
13	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (0.075mm to 10mm)	IS:2386 (Part-I)
14	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS:2386 (Part-III)
15	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS:2386 (Part-III)
16	MECHANICAL- BUILDINGS MATERIALS	Harden Concrete	Compressive Strength of Concrete	IS:516-1959
17	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR)	IS :2720 (Part-16)
18	MECHANICAL- SOIL AND ROCK	soil	Free Swell Index (FSI)	IS -2720 (Part-40)

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19	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS :2720 (Part-4)
20	MECHANICAL- SOIL AND ROCK	SOIL	Heavy Compaction (MDD)	IS :2720 (Part-8)
21	MECHANICAL- SOIL AND ROCK	SOIL	Heavy Compaction (OMC)	IS-2720 (Part-8)
22	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS :2720 (Part-7)
23	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS-2720 (Part-7)
24	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS :2720 (Part-5)
25	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS-2720 (Part-2)
26	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS :2720 (Part-5)