National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BHASKRAM JYOTISH ANUSANDHAN KENDRA, SHOP NO. 31,32,33, ARIANE CASA SOCIETY, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8317 **Page No** 1 of 2

Validity 27/01/2022 to 26/01/2024 **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- SOIL AND ROCK	Rock	Compressive Strength	IS 9143:1979 RA
2	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030:1991 RA
3	MECHANICAL- SOIL AND ROCK	Rock	Point Load Index	IS 8764:1998 RA
4	MECHANICAL- SOIL AND ROCK	Rock	Porosity	IS 13030:1991 RA
5	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030 : 1991 RA
6	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 (Part–16):1987 RA
7	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Cc)	IS 2720 (Part–15):1965 RA
8	MECHANICAL- SOIL AND ROCK	SOIL	Direct Shear (Angle of Internal Friction)	IS 2720 (Part 13):1986 RA
9	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear (Cohesion)	IS 2720 (Part 13):1986 RA
10	MECHANICAL- SOIL AND ROCK	Soil	Dry Density	IS 2720 (Part–29):1975 RA
11	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part–40):1977 RA
12	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (4.75 mm to 0.075 mm)	IS 2720 (Part–4):1985 RA
13	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5):1985 RA
14	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part–2):1973 RA
15	MECHANICAL- SOIL AND ROCK	Soil	Permeability Test: Falling Head and Constant Head	IS 2720 (Part–17):1986 RA
16	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part 5):1985 RA
17	MECHANICAL- SOIL AND ROCK	Soil	Proctor Test (by Heavy Compaction) Maximum Dry Density	IS 2720 (Part–8):1983 RA

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18	MECHANICAL- SOIL AND ROCK	Soil	Proctor Test (by Heavy Compaction) Optimum Moisture Content	IS 2720(Part-8):1983 RA
19	MECHANICAL- SOIL AND ROCK	Soil	Proctor Test (by Light Compaction) Maximum Dry Density	IS 2720 (Part–7):1980 RA
20	MECHANICAL- SOIL AND ROCK	Soil	Proctor Test (by Light Compaction) Optimum Moisture Content	IS 2720 (Part–7):1980 RA
21	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Limit	IS 2720 (Part–6):1972 RA
22	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720(Part 3):1980 RA
23	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720 (Part–41):1977 RA
24	MECHANICAL- SOIL AND ROCK	Soil	Tri–axial Shear Test	IS 2720 (Part-11):1993 RA
25	MECHANICAL- SOIL AND ROCK	SOIL	Tri–axial Shear Test (Angle of Internal Friction)	IS 2720(Part 11):1993 RA
26	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compression Test	IS 2720 (Part–10):1991 RA