National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : JHARKHAND FOUNDATION CONSULTANTS, KHATA NO. 365, PLOT NO. 3429, KATHALMORE CHOWK, RANCHI, JHARKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10129 **Page No** 1 of 2

Validity 13/12/2021 to 12/12/2023 **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- SOIL AND ROCK	Rock	Compressive Strength	IS 9143
2	MECHANICAL- SOIL AND ROCK	Rock	Density	IS 13030
3	MECHANICAL- SOIL AND ROCK	Rock	Water Content	IS 13030
4	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio (CBR Value, 96 Hours Soaked Condition)	IS 2720 (Part-16)
5	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Compression Index)	IS 2720 (Part-15)
6	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Void Ratio)	IS 2720 (Part-15)
7	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of Internal Friction - Phi Value)	IS 2720 (Part-13)
8	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion Intercept - C Value)	IS 2720 (Part-13)
9	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part-40)
10	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Sieve Size - 19mm, 4.75mm, 2.0mm, 425 micron, 75 micron)	IS 2720 (Part-4)
11	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part-5)
12	MECHANICAL- SOIL AND ROCK	Soil	Maximum Dry Density (MDD, Heavy Compaction)	IS 2720 (Part-8)
13	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part-2)
14	MECHANICAL- SOIL AND ROCK	Soil	Optimum Moisture Content (OMC, Heavy Compaction)	IS 2720 (Part-8)
15	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part-5)
16	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part-3/Sec-1)
17	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (Angle of Internal Friction - Phi Value)	IS 2720 Part-11 & 12

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18	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (Cohesion Intercept - C Value)	IS 2720 Part-11 & 12