National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	SIRI GEO SOLUTIONS PVT LTD, 48-16/35, KAMINENI NAGAR, 1ST LINE, VIJAYAWADA, ANDHRA PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8896	**Page No**	1 of 3
Validity	01/04/2020 to 31/03/2022*	**Last Amended on**	-

*The validity is extended for one year up to 31.03.2023

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	Bitumen and Bituminous Emulsion	Ductility	IS 1208
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Bituminous Emulsion	Flash Point	IS 1209
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Bituminous Emulsion	Penetration	IS 1203
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Bituminous Emulsion	Residue on 600 microns	IS 8887
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen and Bituminous Emulsion	Softening Point	IS 1205
6	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 Part-5
7	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 Part-6
8	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 Part-5
9	MECHANICAL- BUILDINGS MATERIALS	Cement	Normal Consistency	IS 4031 part-4
10	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness by Le Chattelier Method	IS 4031 Part-3
11	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Fine Value	IS 2386 Part-4
12	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 Part-3
13	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 Part-4
14	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 part-1
15	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 Part-1
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 Part-4
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 Part-1
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 Part-3

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 Part-3
20	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube/Core	Compressive Strength	IS 516
21	MECHANICAL- BUILDINGS MATERIALS	Concrete Mix	Slump/workability	IS 10262
22	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 Part-3
23	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 Part-1
24	MECHANICAL- BUILDINGS MATERIALS	Fine aggregate	Silt Content	IS 2386 Part-1
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2376 Part-3
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Content	IS 2386 part-3
27	MECHANICAL- BUILDINGS MATERIALS	Reinforcement/Structural Steel	Bend Test	IS 1599
28	MECHANICAL- BUILDINGS MATERIALS	Reinforcement/Structural Steel	Elongation	IS 1608
29	MECHANICAL- BUILDINGS MATERIALS	Reinforcement/Structural Steel	Mass per meter	IS 1786
30	MECHANICAL- BUILDINGS MATERIALS	Reinforcement/Structural Steel	Re Bend test	IS 1786
31	MECHANICAL- BUILDINGS MATERIALS	Reinforcement/Structural Steel	Ultimate Tensile Strength	IS1608
32	MECHANICAL- BUILDINGS MATERIALS	Reinforcement/Structural Steel	Yield Stress	IS 1608
33	MECHANICAL- SOIL AND ROCK	Rock Core	Density	IS 13030
34	MECHANICAL- SOIL AND ROCK	Rock core	Point Load Index	IS 8764
35	MECHANICAL- SOIL AND ROCK	Rock core	Unconfined Compressive Strength	IS 9143
36	MECHANICAL- SOIL AND ROCK	Rock Core	Water Absorption	IS 13030

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37	MECHANICAL- SOIL AND ROCK	Soil	CBR Test	IS 2720 Part-16
38	MECHANICAL- SOIL AND ROCK	Soil	Direct shear test(Un consolidated-Un drained)	IS 2720 Part-39
39	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 Part-40
40	MECHANICAL- SOIL AND ROCK	Soil	Grain size analysis	IS 2720 Part-4
41	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 Part-5
42	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 Part-5
43	MECHANICAL- SOIL AND ROCK	Soil	Shrinkage Factor	IS 2720 part-6
44	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720(Part3/Sec-1&2)
45	MECHANICAL- SOIL AND ROCK	Soil	Standard Compaction	IS 2720 Part7&8
46	MECHANICAL- SOIL AND ROCK	Soil	Un confined compression test	IS 2720 part-10