National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : V2 CIVIL DIAGNOSTICS PRIVATE LIMITED, 153/2, 2ND FLOOR AND LOWER GROUND FLOOR, MRB ARCADE, BAGALUR MAIN ROAD, IAF POST, YELAHANKA, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5255 **Page No** 1 of 5

Validity 12/01/2022 to 11/01/2024 **Last Amended on** 03/05/2022

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	CHEMICAL- BUILDING MATERIAL	Granulated Blast Furnace Slag	Calcium Oxide (CaO)	IS 4032
2	CHEMICAL- BUILDING MATERIAL	Granulated Blast Furnace Slag	Sulphate as SO3	IS 4032
3	CHEMICAL- BUILDING MATERIAL	(Hydraulic Cement) OPC 43 Grade 53 Grade PPC PSC	Loss On Ignition	Is 4032
4	CHEMICAL- BUILDING MATERIAL	(Hydraulic Cement)OPC Cement 43Grade & 53 Grade PPC PSC	Silica content as (SiO2)	IS 4032
5	CHEMICAL- BUILDING MATERIAL	(Hydraulic Cement)OPC Cement 43 Grade 53 Grade PPC PSC	Ferric Oxide	IS 4032
6	CHEMICAL- BUILDING MATERIAL	(Hydraulic Cement)OPC Cement 43 Grade 53 Grade PPC PSC	Alumina	IS 4032
7	CHEMICAL- BUILDING MATERIAL	(Hydraulic Cement)OPC Cement 43 Grade 53 Grade PPC PSC	Calcium Oxide	IS 4032
8	CHEMICAL- BUILDING MATERIAL	(Hydraulic Cement)OPC Cement 43 Grade 53 Grade PPC PSC	Chloride	IS 4032
9	CHEMICAL- BUILDING MATERIAL	(Hydraulic Cement)OPC Cement 43 Grade 53 Grade PPC PSC	Insoluble Residue	IS 4032
10	CHEMICAL- BUILDING MATERIAL	(Hydraulic Cement)OPC Cement 43 Grade 53 Grade PPC PSC	Magnesia	IS 4032
11	CHEMICAL- BUILDING MATERIAL	(Hydraulic Cement)OPC Cement 43 Grade 53 Grade PPC PSC	Sulphuric Anhydride (SO3)	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
13	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride	IS 6925
14	CHEMICAL- BUILDING MATERIAL	Admixture	Dry material content	IS 9103
15	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
16	CHEMICAL- BUILDING MATERIAL	Admixture	Relative density	IS 9103
17	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	Chloride	IS 14959
18	CHEMICAL- BUILDING MATERIAL	Coarse & Fine Aggregate	Sulphate	IS 4032

SCOPE OF ACCREDITATION

Laboratory Name : V2 CIVIL DIAGNOSTICS PRIVATE LIMITED, 153/2, 2ND FLOOR AND LOWER GROUND FLOOR, MRB ARCADE, BAGALUR MAIN ROAD, IAF POST, YELAHANKA, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5255 **Page No** 2 of 5

Validity 12/01/2022 to 11/01/2024 **Last Amended on** 03/05/2022

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
19	CHEMICAL- BUILDING MATERIAL	Granulated Blast Furnace Slag	Alumina	IS 4032
20	CHEMICAL- BUILDING MATERIAL	Granulated Blast Furnace Slag	chloride	IS 4032
21	CHEMICAL- BUILDING MATERIAL	Granulated Blast Furnace Slag	Ferric oxide	IS 4032
22	CHEMICAL- BUILDING MATERIAL	Granulated Blast Furnace Slag	Insoluble Residue	IS 4032
23	CHEMICAL- BUILDING MATERIAL	Granulated Blast Furnace Slag	Loss On Ignition	IS 4032
24	CHEMICAL- BUILDING MATERIAL	Granulated Blast Furnace Slag	Magnesium Oxide (MgO)	IS 4032
25	CHEMICAL- BUILDING MATERIAL	Granulated Blast Furnace Slag	Manganese Oxide (MnO)	IS 4032
26	CHEMICAL- BUILDING MATERIAL	Granulated Blast Furnace Slag	Silica as SiO2	IS 4032
27	CHEMICAL- BUILDING MATERIAL	Granulated Blast Furnace Slag	Sulphide Sulphur	IS 4032
28	CHEMICAL- METALS & ALLOYS	Plain Carbon and Low alloy steel	Carbon	IS 8811
29	CHEMICAL- METALS & ALLOYS	Plain carbon and Low alloy steel	Phosphorus	IS 8811
30	CHEMICAL- METALS & ALLOYS	Plain carbon and Low alloy steel	Sulfur	IS 8811
31	CHEMICAL- WATER	Water for construction purpose	Acidity	IS 3025 Part 22
32	CHEMICAL- WATER	Water for construction purpose	Alkalinity	IS 3025 Part 23
33	CHEMICAL- WATER	Water for construction purpose	chloride	IS 3025 Part 32
34	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS 3025 Part 18
35	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS 3025 Part 18
36	CHEMICAL- WATER	Water for construction purpose	pH	IS 3025 Part 11
37	CHEMICAL- WATER	Water for construction purpose	Sulphate as SO3	IS 3025 Part 24
38	CHEMICAL- WATER	Water for construction purpose	Suspended Solids	IS 3025 Part 17
39	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Fineness by Blaine's Air Permeability	IS 4031 Part 2
40	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Compressive Strength	IS 4031 Part 6

SCOPE OF ACCREDITATION

Laboratory Name :	V2 CIVIL DIAGNOSTICS PRIVATE LIMITED, 153/2, 2ND FLOOR AND LOWER GROUND FLOOR, MRB ARCADE, BAGALUR MAIN ROAD, IAF POST, YELAHANKA, BENGALURU, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5255	**Page No**	3 of 5
Validity	12/01/2022 to 11/01/2024	**Last Amended on**	03/05/2022

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
41	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Density	IS 4031 Part 11
42	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Final Setting Time	IS 4031 Part 5
43	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Fineness by Dry Sieving	IS 4031 Part 1
44	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Initial Setting Time	IS 4031 Part 5
45	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Normal Consistency	IS 4031 Part 4
46	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Soundness by Le-Chatelier Method	IS 4031 Part 3
47	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 Part 3 Cl 3.0
48	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 Part 4 Cl 2.0
49	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 Part 1 Cl 5.0
50	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 Part 1 Cl 4.0
51	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 Part 4 Cl 4.0
52	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (2.36 to 100 mm)	IS 2386 Part 1 Cl 2.0
53	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 Part 3 Cl 2.0
54	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Ten Percent Fines Value	IS 2386 Part 4 Cl 3.0
55	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 Part 3
56	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 Part 3 Cl 3.0
57	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS 2386(Part2)
58	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis (0.075 to 10 mm)	IS 2386 Part 1 Cl 2.0
59	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 Part 3 Cl 2.0

SCOPE OF ACCREDITATION

Laboratory Name : V2 CIVIL DIAGNOSTICS PRIVATE LIMITED, 153/2, 2ND FLOOR AND LOWER GROUND FLOOR, MRB ARCADE, BAGALUR MAIN ROAD, IAF POST, YELAHANKA, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5255 **Page No** 4 of 5

Validity 12/01/2022 to 11/01/2024 **Last Amended on** 03/05/2022

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
60	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 Part 3 Cl 2.0
61	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Core Compressive Strength	IS 516 Part 4
62	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete	Cube Compressive strength	IS 516 Part 1 Sec 1
63	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Block Density	IS 2185 Part 1 Annex C
64	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Compressive Strength	IS 2185 Part 1 Annex C
65	MECHANICAL- BUILDINGS MATERIALS	Hollow and Solid Concrete Blocks	Water Absorption	IS 2185 Part 1 Annex E
66	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High strength deformed steel bars and wires for concrete Reinforcement	Bend Test	IS 1599
67	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High strength deformed steel bars and wires for concrete Reinforcement	Percentage Elongation	IS 1608 Part 1
68	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High strength deformed steel bars and wires for concrete Reinforcement	Re-Bend test	IS 1786
69	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High strength deformed steel bars and wires for concrete Reinforcement	Ultimate Tensile strength	IS 1608 (Part 1)
70	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High strength deformed steel bars and wires for concrete Reinforcement	Weight / Meter	IS 1786
71	MECHANICAL- MECHANICAL PROPERTIES OF METALS	High strength deformed steel bars and wires for concrete Reinforcement	Yield Strength	IS 1608 (Part 1)
72	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio	IS 2720 Part 16
73	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (0.075 to 4.75 mm)	IS 2720 Part 4 Cl 3 &4
74	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Maximum Dry Density	IS 2720 Part 8
75	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction - Optimum Moisture Content	IS 2720 Part 8
76	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Maximum Dry Density	IS 2720 Part 7

SCOPE OF ACCREDITATION

Laboratory Name : V2 CIVIL DIAGNOSTICS PRIVATE LIMITED, 153/2, 2ND FLOOR AND LOWER GROUND FLOOR, MRB ARCADE, BAGALUR MAIN ROAD, IAF POST, YELAHANKA, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5255 **Page No** 5 of 5

Validity 12/01/2022 to 11/01/2024 **Last Amended on** 03/05/2022

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
77	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction - Optimum Moisture Content	IS 2720 Part 7
78	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit by Casagrade Apparatus	IS 2720 Part 5
79	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 Part 5
80	MECHANICAL- SOIL AND ROCK	Soil	Water Content by Oven Drying Method	IS 2720 Part 2
81	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Rebound Hammer	IS 516 (Part 5) Sec 4
82	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Hardened Concrete	Ultrasonic Pulse Velocity	IS 516 (Part 5 / Sec 1)