# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** SHREE GREEN ENVIRONMENTAL LABORATORIES, 209, SNS PLATINA, VESU, SURAT, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-7983 **Page No** 1 of 12

**Validity** 14/02/2023 to 13/02/2025 **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 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Ammonia (NH3) | IS 5182 (Part-25) |
| 2 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Carbon Disulphide (CS2) | IS 5182 (Part-20) |
| 3 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Chlorine (Cl2) | IS 5182 (Part-19) |
| 4 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Hydrogen Sulphide (H2S) | IS 5182 (Part-7) |
| 5 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Oxides of Nitrogen (NOx) | IS 5182 (Part-6) |
| 6 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Ozone (O3) | IS 5182 (Part-9) |
| 7 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Particulate Matter - PM10 | IS 5182 (Part-23) |
| 8 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Particulate Matter - PM2.5 | IS 5182 (Part-24) |
| 9 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Sulphur Dioxide (SO2) | IS 5182 (Part-2) |
| 10 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Noise Level | Ambient Noise (Leq) | IS 9989 |
| 11 | CHEMICAL- ATMOSPHERIC POLLUTION | Process/Vent Emissions | Ammonia (NH3) | IS 11255 (Part-6) |
| 12 | CHEMICAL- ATMOSPHERIC POLLUTION | Process/Vent Emissions | Hydrogen Sulphide (H2S) | IS-11255 (Part-4) |
| 13 | CHEMICAL- ATMOSPHERIC POLLUTION | Process/Vent Emissions | Oxides of Nitrogen (NOx) | IS 11255 (Part-7) |
| 14 | CHEMICAL- ATMOSPHERIC POLLUTION | Process/Vent Emissions | Particulate Matter (PM) | IS 11255 (Part-1) |
| 15 | CHEMICAL- ATMOSPHERIC POLLUTION | Process/Vent Emissions | Sulphur Dioxide (SO2) | IS 11255 (Part-2) |
| 16 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Ammonia (NH3) | IS 11255 (Part-6) |
| 17 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Carbon Disulphide (CS2) | IS 11255 (Part-4) |
| 18 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Hydrogen Sulphide (H2S) | IS 11255 (Part-4) |

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| 19 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Oxides of Nitrogen (NOx) | IS 11255 (Part-7) |
| 20 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Particulate Matter (PM) | IS 11255 (Part-1) |
| 21 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Sulphur Dioxide (SO2) | IS 11255 (Part-2) |
| 22 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil | Available Sulfur (as SO4-2) | IS 2720 (Part 27) |
| 23 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil | Moisture Content | IS 2720 (Part 18) |
| 24 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil | Organic Carbon | IS 2720 Part 22 |
| 25 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil | Organic Matter | IS 2720 Part 22 |
| 26 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil | pH (1:2.5 at 25°C) | IS 2720 (Part- 26) |
| 27 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Bulk Density | SGEL/SOP/SS/07 (Issue No.: 01) |
| 28 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Arsenic | US EPA Method 7061-A & & US EPA Method 3050 B |
| 29 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Available Nitrogen | SGEL/SOP/SS/01 (Issue No. : 01) |
| 30 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Available Phosphorus | SGEL/SOP/SS/02 (Issue No. : 01) |
| 31 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Cadmium | US EPA Method 7130 & US EPA Method 3050 B |
| 32 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Calcium | SGEL/SOP/SS/06 (Issue No.: 01) |
| 33 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Cation Exchange Capacity | SOP No. SGEL/SOP/SS/15 |
| 34 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Chloride (as Cl-) | SGEL/SOP/SS/04 (Issue No. : 01) |
| 35 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Chromium | US EPA Method 7190 & & US EPA Method 3050 B |
| 36 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Color | SOP No. SGEL/SOP/SS/25 |
| 37 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Copper | US EPA Method 7210 & & US EPA Method 3050 B |

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| 38 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Electrical Conductivity (1:2 at 25°C) | IS 14767 |
| 39 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Lead | US EPA Method 7420 & & US EPA Method 3050 B |
| 40 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Magnesium | SGEL/SOP/SS/06 (Issue No.: 01) |
| 41 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Mercury | US EPA Method 7471 B Revision-2 |
| 42 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Nickel | US EPA Method 7520 & US EPA Method 3050 B |
| 43 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Porosity | SGEL/SOP/SS/08 (Issue No.: 01) |
| 44 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Potassium | US EPA Method 3050 B |
| 45 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Sodium | US EPA Method 3050 B |
| 46 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Sodium Absorption Ratio | SOP No. SGEL/SOP/SS/14 |
| 47 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Soil Texture Class | SOP No. SGEL/SOP/SS/24 |
| 48 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Zinc | US EPA Method 7950 & US EPA Method 3050 B |
| 49 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Calcium | APHA 23rd Edition, Part-3000, Section:3500 Ca B |
| 50 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Acidity | IS: 3025 (Part 22) |
| 51 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Ammonical Nitrogen | IS 3025 (Part-34) |
| 52 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Biochemical Oxygen Demand (BOD) 3 days at 27 oC | IS 3025 (Part-44) |
| 53 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Chemical Oxygen Demand (COD) | IS 3025 (Part-58) |
| 54 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Chloride | IS 3025 (Part-32) |
| 55 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Iron as Fe | APHA 23rd Edition, Part-3000, Section:3500 Fe B |
| 56 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Magnesium | APHA 23rd Edition, Part-3000, Section:3500 Mg B |

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| 57 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Phosphate | APHA 23rd Edition, Part - 4000 Section:4500–P,D |
| 58 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Potassium | APHA 23rd Edition, Part-3000, Section:3500 K B |
| 59 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Sodium | APHA 23rd Edition, Part-3000, Section:3500 Na B |
| 60 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Temperature | APHA 23rd Edition, Part-2000, Section:2550 B |
| 61 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Total Alkalinity as CaCO3 | IS 3025 (Part 23) |
| 62 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Total dissolved solids | APHA 23rd Edition, Part-2000, Section:2540 C |
| 63 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Total Hardness | APHA 23rd Edition, Part-2000, Section:2340 C |
| 64 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Total Suspended Solids | APHA 23rd Edition, Part - 2000 Section: 2540-D |
| 65 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Chlorine residual | APHA 23rd Edition, Part-4000, Section:4500 Cl-B |
| 66 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Cyanide | APHA 23rd Edition, Part-4000 Section: 4500-CN-E |
| 67 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Dissolved Oxygen | IS 3025 (Part – 38) |
| 68 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Fixed Solids | APHA 23rd Edition, Part - 2000 Section: 2540-E |
| 69 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Nitrate Nitrogen | APHA 23rd Edition, Part-4000, Section:4500 NO3B |
| 70 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Nitrite Nitrogen | APHA 23rd Edition, Part-4000, Section:4500 NO2 B |
| 71 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Oil & Grease | IS 3025 (Part-39) |
| 72 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | pH | IS 3025 (Part-11) |
| 73 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Silica | APHA 23rd Edition., Part-4000 Section: 4500-SiO2 |
| 74 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Sulphate | APHA 23rd Edition, Part-4000 Section: 4500- SO4-2 E |
| 75 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Sulphide | APHA 23rd Edition, Part-4000 Section: 4500--S-2 F |

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| 76 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Total Solids | APHA 23rd Edition, Part - 2000 Section: 2540-B |
| 77 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Volatile Solids | APHA 23rd Edition, Part - 2000 Section: 2540-E |
| 78 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Zinc | IS 3025 (Part-49) |
| 79 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/Sewage) | Phenolic Compound | APHA 23rd Edition,Part-5000, Section: 5530 D |
| 80 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/Sewage) | Sulphate | APHA 23rd Edition,Part-4000, Section: 4500 SO4-2, E |
| 81 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Arsenic | IS 3025 (Part- 37) |
| 82 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Cadmium | APHA 23rd Edition,Part-3000, Section: 3500 Cd |
| 83 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Copper | IS 3025 (Part- 42) |
| 84 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Hexa Chromium | APHA 23rd Edition, Part-3000, Section: 3500 Cr+, B |
| 85 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Lead | IS 3025 (Part-47) |
| 86 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Mercury | IS 3025 (Part 48) |
| 87 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Nickel | IS 3025 (Part-54) |
| 88 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Total Chromium | APHA 23rd Edition, Part-3000, Section: 3500 Cr+, B |
| 89 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/ Sludge/Solid/ Semi-Solid) | Magnesium | SGEL/SOP/SS/06 (Issue No.: 01) |
| 90 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/ Sludge/Solid/ Semi-Solid) | Moisture Content | APHA 23rd Edition, Part-2000 Section: 2540-G |
| 91 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/ Sludge/Solid/ Semi-Solid) | Porosity | SGEL/SOP/SS/08 (Issue No.: 01) |
| 92 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/ Sludge/Solid/ Semi-Solid) | Available Nitrogen | SOP No. SGEL/SOP/SS/01 (Issue No.: 01) |
| 93 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/ Sludge/Solid/ Semi-Solid) | Available Phosphorus | SOP No. SGEL/SOP/SS/02 (Issue No.: 01) |
| 94 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/ Sludge/Solid/ Semi-Solid) | Available Sulfur (as SO4-2) | SGEL/SOP/SS/11 (Issue No.: 01) |

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| 95 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/ Sludge/Solid/ Semi-Solid) | Calcium | SGEL/SOP/SS/06 (Issue No.: 01) |
| 96 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/ Sludge/Solid/ Semi-Solid) | Chloride (as Cl-) | SOP No. SGEL/SOP/SS/04 (Issue No.: 01) |
| 97 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/ Sludge/Solid/ Semi-Solid) | Electrical Conductivity | SGEL/SOP/SS/05 (Issue No.: 01) |
| 98 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/ Sludge/Solid/ Semi-Solid) | Organic Carbon | SGEL/SOP/SS/09 (Issue No.: 01) |
| 99 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/ Sludge/Solid/ Semi-Solid) | Organic Matter | SGEL/SOP/SS/09 (Issue No.: 01) |
| 100 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/ Sludge/Solid/ Semi-Solid) | Sludge Density | SGEL/SOP/SS/07 (Issue No.: 01) |
| 101 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurr/Sludge/Solid/Semi-Solid) | Lead | US EPA Method 7420 & US EPA Method 3050 B |
| 102 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/ Sludge/Solid/ Semi-Solid) | pH | USEPA-9045 D |
| 103 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/Sludge/Semi-Solid) | Zinc | US EPA Method 7950 & US EPA Method 3050 B |
| 104 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/Sludge/Solid/Semi-soil) | Volatile Matter at 550 °C | APHA 23rd Edition, Part-2000, Section: 2540 G |
| 105 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) | Arsenic | US EPA Method 7061 & US EPA Method 3050 B |
| 106 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) | Cadmium | US EPA Method 7130 & US EPA Method 3050 B |
| 107 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) | Calorific Value | SGEL/STP/SS/27, Issue No. 01, Rev date 01.06.2022 |
| 108 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) | Chromium | US EPA Method 7190 & US EPA Method 3050 B |
| 109 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) | Copper | US EPA Method 7210 & US EPA Method 3050 B |
| 110 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) | Fixed solids at 550 °C | APHA 23rd Edition, Part-2000, Section: 2540 G |
| 111 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) | Mercury | US EPA Method 7471 B Revision-2 |
| 112 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) | Nickel | US EPA Method 7520 & US EPA Method 3050 B |
| 113 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid) | Total Solids | APHA 23rd Edition, Part-2000, Section: 2540 G |

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|---|---|---|---|---|
| 114 | CHEMICAL- RESIDUES IN WATER | Drinking water | Arsenic | IS 3025 (Part- 37) |
| 115 | CHEMICAL- RESIDUES IN WATER | Drinking water | Cadmium | APHA 23rd Edition,Part-3000, Section: 3500 Cd |
| 116 | CHEMICAL- RESIDUES IN WATER | Drinking water | Copper | IS 3025 (Part- 42) |
| 117 | CHEMICAL- RESIDUES IN WATER | Drinking water | Iron | APHA 23rd Edition, Part-3000, Section:3500 Fe, B |
| 118 | CHEMICAL- RESIDUES IN WATER | Drinking water | Lead | IS 3025 (Part-47) |
| 119 | CHEMICAL- RESIDUES IN WATER | Drinking water | Mercury | IS 3025 (Part 48) |
| 120 | CHEMICAL- RESIDUES IN WATER | Drinking water | Nickel | IS 3025 (Part-54) |
| 121 | CHEMICAL- RESIDUES IN WATER | Drinking water | Total Chromium | APHA 23rd Edition, Part-3000, Section: 3500 Cr+, B |
| 122 | CHEMICAL- RESIDUES IN WATER | Drinking water | Zinc | IS 3025 (Part-49) |
| 123 | CHEMICAL- RESIDUES IN WATER | Ground water | Arsenic | IS 3025 (Part 37) |
| 124 | CHEMICAL- RESIDUES IN WATER | Ground water | Cadmium | APHA 23rd Edition, Part-3000, Section: 3500 Cd |
| 125 | CHEMICAL- RESIDUES IN WATER | Ground water | Copper | IS 3025 (Part- 42) |
| 126 | CHEMICAL- RESIDUES IN WATER | Ground water | Iron | APHA 23rd Edition, Part-3000, Section:3500 Fe, B |
| 127 | CHEMICAL- RESIDUES IN WATER | Ground water | Lead | IS 3025 (Part-47) |
| 128 | CHEMICAL- RESIDUES IN WATER | Ground water | Mercury | IS 3025 (Part 48) |
| 129 | CHEMICAL- RESIDUES IN WATER | Ground water | Nickel | IS 3025 (Part-54) |
| 130 | CHEMICAL- RESIDUES IN WATER | Ground water | Total chromium | APHA 23rd Edition,Part-3000, Section: 3500 Cr+, B |
| 131 | CHEMICAL- RESIDUES IN WATER | Ground water | Zinc | IS 3025 (Part-49) |
| 132 | CHEMICAL- RESIDUES IN WATER | Surface water | Arsenic | IS 3025 (Part- 37) |

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| 133 | CHEMICAL- RESIDUES IN WATER | Surface water | Cadmium | APHA 23rd Edition,Part-3000, Section: 3500 Cd |
| 134 | CHEMICAL- RESIDUES IN WATER | Surface water | Copper | IS 3025 (Part- 42) |
| 135 | CHEMICAL- RESIDUES IN WATER | Surface Water | Iron | APHA 23rd Edition,Part-3000, Section:3500 Fe, B |
| 136 | CHEMICAL- RESIDUES IN WATER | Surface water | Lead | IS 3025 (Part-47) |
| 137 | CHEMICAL- RESIDUES IN WATER | Surface water | Mercury | IS 3025 (Part 48) |
| 138 | CHEMICAL- RESIDUES IN WATER | Surface water | Nickel | IS 3025 (Part-54) |
| 139 | CHEMICAL- RESIDUES IN WATER | Surface water | Total Chromium | APHA 23rd Edition, Part-3000, Section: 3500 Cr+, B |
| 140 | CHEMICAL- RESIDUES IN WATER | Surface water | Zinc | IS 3025 (Part-49) |
| 141 | CHEMICAL- SOLID FUELS | Coal | Ash Content | IS 1350 (Part-1) |
| 142 | CHEMICAL- SOLID FUELS | Coal | Calorific Value | IS 1350 (Part-2) |
| 143 | CHEMICAL- SOLID FUELS | Coal | Fixed Carbon | IS 1350 (Part-1) |
| 144 | CHEMICAL- SOLID FUELS | Coal | Total Moisture | IS 1350 (Part-1) |
| 145 | CHEMICAL- SOLID FUELS | Coal | Volatile Matter | IS 1350 (Part-1) |
| 146 | CHEMICAL- SOLID FUELS | Refused Derived Fuel | Calorific Value | IS 10158 |
| 147 | CHEMICAL- SOLID FUELS | Refused Derived Fuel | Volatile Matter | IS 10158 |
| 148 | CHEMICAL- WATER | Drinking Water | Ammonical Nitrogen | IS 3025 (Part 34) |
| 149 | CHEMICAL- WATER | Drinking Water | Calcium | APHA 23rd Edition,Part-3000, Section:3500, Ca B |
| 150 | CHEMICAL- WATER | Drinking Water | Chloride | IS 3025 (Part 32) |
| 151 | CHEMICAL- WATER | Drinking Water | Chlorine residual | APHA 23rd Edition, Part-4000, Section:4500 Cl, B |
| 152 | CHEMICAL- WATER | Drinking Water | Conductivity | APHA 23rd Edition,Part-2000, Section: 2510 B |
| 153 | CHEMICAL- WATER | Drinking Water | Cyanide | APHA 23rd Edition, Part-4000 Section: 4500 CN, E |
| 154 | CHEMICAL- WATER | Drinking Water | Fluoride | APHA 23rd Edition,Part-4000, Section: 4500 F, D |

# SCOPE OF ACCREDITATION

**Laboratory Name :** SHREE GREEN ENVIRONMENTAL LABORATORIES, 209, SNS PLATINA, VESU, SURAT, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-7983 **Page No** 9 of 12

**Validity** 14/02/2023 to 13/02/2025 **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 |
|---|---|---|---|---|
| 155 | CHEMICAL- WATER | Drinking Water | Magnesium | APHA 23rd Edition, Part-3000, Section:3500, Mg B |
| 156 | CHEMICAL- WATER | Drinking Water | Nitrate nitrogen | APHA 23rd Edition,Part-4000, Section:4500 NO3 B |
| 157 | CHEMICAL- WATER | Drinking Water | pH | IS 3025 (Part 11) |
| 158 | CHEMICAL- WATER | Drinking Water | Phenolic compound | APHA 23rd Edition, Part-5000, Section: 5530 D |
| 159 | CHEMICAL- WATER | Drinking Water | Sulphate | APHA 23rd Edition, Part-4000, Section: 4500 SO4-2, E |
| 160 | CHEMICAL- WATER | Drinking Water | Total Alkalinity | IS 3025 (Part 23) |
| 161 | CHEMICAL- WATER | Drinking Water | Total dissolved solids | APHA 23rd Edition, Part-2000, Section:2540 C |
| 162 | CHEMICAL- WATER | Drinking Water | Total Hardness | APHA 23rd Edition, Part-2000, Section:2340 C |
| 163 | CHEMICAL- WATER | Drinking Water | Turbidity | APHA 23rd Edition,Part-2000, Section: 2130 B |
| 164 | CHEMICAL- WATER | Ground water | Ammonical Nitrogen | IS 3025 (Part 34) |
| 165 | CHEMICAL- WATER | Ground water | Biochemical Oxygen Demand (BOD) 3 days at 27 oC | IS 3025 (Part 44) |
| 166 | CHEMICAL- WATER | Ground Water | Calcium | APHA 23rd Edition, Part-3000, Section:3500 Ca B |
| 167 | CHEMICAL- WATER | Ground water | Chemical Oxygen Demand (COD) | IS 3025 (Part 58) |
| 168 | CHEMICAL- WATER | Ground water | Chloride | IS 3025 (Part 32) |
| 169 | CHEMICAL- WATER | Ground water | Conductivity | APHA 23rdEdition, Part - 2000 Section: 2510-B |
| 170 | CHEMICAL- WATER | Ground water | Cyanide | APHA 23rd Edition, Part-4000 Section: 4500 CN, E |
| 171 | CHEMICAL- WATER | Ground water | Fluoride | APHA 23rd Edition, Part-4000, Section: 4500 F, D |
| 172 | CHEMICAL- WATER | Ground water | Magnesium | APHA 23rd Edition, Part-3000, Section:3500 Mg B |
| 173 | CHEMICAL- WATER | Ground water | Nitrate Nitrogen | APHA 23rd Edition, Part-4000, Section:4500 NO3 B |
| 174 | CHEMICAL- WATER | Ground water | pH | IS 3025 (Part 11) |
| 175 | CHEMICAL- WATER | Ground water | Phenolic compound | APHA 23rd Edition, Part-5000, Section: 5530 D |

# SCOPE OF ACCREDITATION

**Laboratory Name :** SHREE GREEN ENVIRONMENTAL LABORATORIES, 209, SNS PLATINA, VESU, SURAT, GUJARAT, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

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**Validity** 14/02/2023 to 13/02/2025 **Last Amended on** -

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|---|---|---|---|---|
| 176 | CHEMICAL- WATER | Ground water | Phosphate | APHA 23rd Edition, Part 4000 Section: 4500-P, D |
| 177 | CHEMICAL- WATER | Ground water | Potassium | APHA 23rd Edition, Part-3000, Section:3500 K B |
| 178 | CHEMICAL- WATER | Ground water | Silica | APHA 23rd Edition,Part-4000, Section: 4500 SiO2, C |
| 179 | CHEMICAL- WATER | Ground water | Sodium | APHA 23rd Edition, Part-3000, Section:3500 Na B |
| 180 | CHEMICAL- WATER | Ground water | Sulphate | APHA 23rd Edition, Part-4000, Section: 4500 SO4-2, E |
| 181 | CHEMICAL- WATER | Ground water | Temperature | APHA 23rd Edition, Part-2000, Section:2550 B |
| 182 | CHEMICAL- WATER | Ground water | Total Alkalinity | IS 3025 (Part 23) |
| 183 | CHEMICAL- WATER | Ground water | Total dissolved solids | APHA 23rd Edition, Part-2000, Section:2540 C |
| 184 | CHEMICAL- WATER | Ground water | Total Hardness | APHA 23rd Edition, Part-2000, Section:2340 C |
| 185 | CHEMICAL- WATER | Ground water | Turbidity | APHA 23rd Edition, Part2000 Section: 2130-B |
| 186 | CHEMICAL- WATER | Surface Water | Turbidity | APHA 23rd Edition , Part 2000 Section: 2130-B |
| 187 | CHEMICAL- WATER | Surface Water | Ammonical Nitrogen | IS 3025 (Part 34) |
| 188 | CHEMICAL- WATER | Surface water | Biochemical Oxygen Demand (BOD) 3 days at 27 oC | IS 3025 (Part 44) |
| 189 | CHEMICAL- WATER | Surface Water | Calcium | APHA 23rd Edition, Part-3000, Section:3500 Ca B |
| 190 | CHEMICAL- WATER | Surface Water | Chemical Oxygen Demand (COD) | IS 3025 (Part 58) |
| 191 | CHEMICAL- WATER | Surface Water | Chloride | IS 3025 (Part 32) |
| 192 | CHEMICAL- WATER | Surface Water | Conductivity | APHA 23rd Edition, Part - 2000 Section: 2510-B |
| 193 | CHEMICAL- WATER | Surface water | Cyanide | APHA 23rd Edition, Part-4000 Section: 4500 CN, E |
| 194 | CHEMICAL- WATER | Surface water | Fluoride | APHA 23rd Edition, Part-4000, Section: 4500 F, D |
| 195 | CHEMICAL- WATER | Surface Water | Magnesium | APHA 23rd Edition, Part-3000, Section:3500 Mg B |

# SCOPE OF ACCREDITATION

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|---|---|---|---|
| **Laboratory Name :** | SHREE GREEN ENVIRONMENTAL LABORATORIES, 209, SNS PLATINA, VESU, SURAT, GUJARAT, INDIA | | |
| **Accreditation Standard** | ISO/IEC 17025:2017 | | |
| **Certificate Number** | TC-7983 | **Page No** | 11 of 12 |
| **Validity** | 14/02/2023 to 13/02/2025 | **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 |
|---|---|---|---|---|
| 196 | CHEMICAL- WATER | Surface water | Nitrate Nitrogen | APHA 23rd Edition, Part-4000, Section:4500 NO3 B |
| 197 | CHEMICAL- WATER | Surface Water | pH | IS 3025 (Part-11) |
| 198 | CHEMICAL- WATER | Surface water | Phenolic compound | APHA 23rd Edition, Part-5000, Section: 5530 D |
| 199 | CHEMICAL- WATER | Surface Water | Phosphate | APHA 23rd Edition, Part 4000 Section: 4500-P, D |
| 200 | CHEMICAL- WATER | Surface Water | Potassium | APHA 23rd Edition, Part-3000, Section:3500 K B |
| 201 | CHEMICAL- WATER | Surface water | Silica | APHA 23rd Edition, Part-4000, Section: 4500 SiO2, C |
| 202 | CHEMICAL- WATER | Surface Water | Sodium | APHA 23rd Edition, Part-3000, Section:3500 Na B |
| 203 | CHEMICAL- WATER | Surface water | Sulphate | APHA 23rd Edition, Part-4000, Section: 4500 SO4-2, E |
| 204 | CHEMICAL- WATER | Surface Water | Temperature | APHA 23rd Edition, Part 2000, Section: 2550 B |
| 205 | CHEMICAL- WATER | Surface Water | Total Alkalinity | IS 3025 (Part 23) |
| 206 | CHEMICAL- WATER | Surface Water | Total dissolved solids | APHA 23rd Edition, Part-2000, Section:2540 C |
| 207 | CHEMICAL- WATER | Surface Water | Total Hardness | APHA 23rd Edition, Part-2000, Section:2340 C |

# SCOPE OF ACCREDITATION

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|---|---|---|---|
| **Laboratory Name :** | SHREE GREEN ENVIRONMENTAL LABORATORIES, 209, SNS PLATINA, VESU, SURAT, GUJARAT, INDIA | | |
| **Accreditation Standard** | ISO/IEC 17025:2017 | | |
| **Certificate Number** | TC-7983 | **Page No** | 12 of 12 |
| **Validity** | 14/02/2023 to 13/02/2025 | **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 |
|---|---|---|---|---|
| Site Facility | | | | |
| 1 | CHEMICAL- ATMOSPHERIC POLLUTION | Meteorological Parameters | Barometric Pressure | SGEL/SP/WM, Issue No. 01, Issued/Rev Date: 04/02/2023 |
| 2 | CHEMICAL- ATMOSPHERIC POLLUTION | Meteorological Parameters | Humidity | SGEL/SP/WM, Issue No. 01, Issued/Rev Date: 04/02/2023 |
| 3 | CHEMICAL- ATMOSPHERIC POLLUTION | Meteorological Parameters | Rainfall | SGEL/SP/WM, Issue No. 01, Issued/Rev Date: 04/02/2023 |
| 4 | CHEMICAL- ATMOSPHERIC POLLUTION | Meteorological Parameters | Solar Radiation | SGEL/SP/WM, Issue No. 01, Issued/Rev Date: 04/02/2023 |
| 5 | CHEMICAL- ATMOSPHERIC POLLUTION | Meteorological Parameters | UV | SGEL/SP/WM, Issue No. 01, Issued/Rev Date: 04/02/2023 |
| 6 | CHEMICAL- ATMOSPHERIC POLLUTION | Meteorological Parameters | Wind Direction | SGEL/SP/WM, Issue No. 01, Issued/Rev Date: 04/02/2023 |
| 7 | CHEMICAL- ATMOSPHERIC POLLUTION | Meteorological Parameters | Wind Speed | SGEL/SP/WM, Issue No. 01, Issued/Rev Date: 04/02/2023 |
| 8 | CHEMICAL- ATMOSPHERIC POLLUTION | Meterological Parameters | Temperature | SGEL/SP/WM, Issue No. 01, Issued/Rev Date: 04/02/2023 |