# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** OXYLEAF ENVIRONMENTAL SERVICES LLP, A/51, FIRST FLOOR, MIRA PARK SOCIETY, BHARUCH, BHARUCH, GUJARAT, INDIA

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

**Certificate Number** TC-9359 **Page No** 1 of 5

**Validity** 25/03/2021 to 24/03/2023 **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 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient air | Chlorine (Cl2) | IS 5182 (Part 19) |
| 2 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient air | Oxides of Nitrogen (NOx) | IS 5182 (Part 6) |
| 3 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient air | Ozone (O3) | IS-5182 (Part 9) |
| 4 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient air | Particulate Matter - PM 2.5 | IS 5182 (Part 24) |
| 5 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient air | Particulate matter- PM10 | IS 5182 (Part 23) |
| 6 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Sulphur dioxide SO2 | IS 5182 (Part 2) |
| 7 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Noise | Ambient Noise Level (Leq)- excluding vibration | IS 9989 |
| 8 | CHEMICAL- ATMOSPHERIC POLLUTION | Process/Vent Emissions | Oxides of Nitrogen (NOx) | IS 11255 (Part 7) |
| 9 | CHEMICAL- ATMOSPHERIC POLLUTION | Process/vent Emissions | Sulphur Dioxide (SO2) | IS 11255 (Part 2) |
| 10 | CHEMICAL- ATMOSPHERIC POLLUTION | Process/Vent Emissons | Ammonia (NH3) | IS 11255 (Part 6) |
| 11 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack emission | Oxides of Nitrogen (NOx) | IS 11255 (Part 7) |
| 12 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack emission | Particulate Matter (PM) | IS 11255 (Part 1) |
| 13 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack emission | Sulphur Dioxide (SO2) | IS 11255 (Part 2) |
| 14 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Acidity | IS 3025 (Part 22) |
| 15 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Ammonical Nitrogen | IS 3025 (Part 34) |
| 16 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Biochemical Oxygen Demand (BOD) 3 days at 27 oC | IS 3025 (Part 44) |
| 17 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Chemical Oxygen Demand (COD) | IS 3025 (Part 58) |
| 18 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Chloride | APHA 23rd Edition, Part-4000, Section 4500 Cl- B |

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| 19 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Chlorine residual | APHA 23rd Edition, Part-4000, Section 4500 Cl B |
| 20 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Dissolved Oxygen | IS 3025 (Part 38) |
| 21 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Hexavalent Chromium | IS 3025 (Part 52) |
| 22 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Iron as Fe | APHA 23rd Edition, Part-3000, Section 3500 Fe B |
| 23 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Oil & Grease | APHA 23rd Edition, Part-5000 Section 5520- B |
| 24 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | pH | IS 3025 (Part 11) |
| 25 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Phenolic Compound | IS 3025 (Part 43) |
| 26 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | phosphate | APHA 23rd Edition, Part 4000 Section 4500-P, D. |
| 27 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Potassium | APHA 23rd Edition, Part-3000, Section 3500 K B |
| 28 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Sodium | APHA 23rd Edition, Part-3000, Section 3500 Na B |
| 29 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Sulphate | APHA 23rd Edition, Part-4000 Section 4500- SO4-2 E |
| 30 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Sulphide | APHA 23rd Edition, Part-4000 Section 4500-S-2 F |
| 31 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Temperature | APHA 23rd Edition, Part-2000, Section 2550 |
| 32 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Total Alkalinity as CaCO3 | IS 3025 (Part 23) |
| 33 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Total Chromium | IS 3025 (Part 52) |
| 34 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Total dissolved solids | APHA 23rd Edition, Part-2000, Section 2540 C |
| 35 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Total Solids | APHA 23rd Edition, Part - 2000 Section 2540-B |
| 36 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Total Suspended Solids | APHA 23rd Edition, Part - 2000 Section 2540-D |
| 37 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water | Turbidity | APHA 23rd Edition, Part 2000 Section 2130-B |

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| 38 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid) | Electrical Conductivity | IS 14767 |
| 39 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid) | Fixed Solids | APHA 23rd Edition, Part-2000, Section 2540-G |
| 40 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid) | Moisture Content | IS 2720 (Part 18) |
| 41 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid) | pH | IS 2720 (Part 26) |
| 42 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid) | Total Solids | APHA 23rd Edition, Part-2000, Section 2540-G |
| 43 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/ Slurry/ Sludge/ Solid/ Semi-Solid) | Volatile Solids | APHA 23rd Edition, Part-2000, Section 2540-G |
| 44 | CHEMICAL- WATER | Drinking Water | Ammonical nitrogen | IS 3025 (Part 34) |
| 45 | CHEMICAL- WATER | Drinking Water | Calcium | IS 3025 (Part 40) |
| 46 | CHEMICAL- WATER | Drinking Water | Chloride | APHA 23rd Edition, Part-4000, Section 4500 Cl- B |
| 47 | CHEMICAL- WATER | Drinking Water | Chlorine residual | APHA 23rd Edition, Part-4000, Section 4500 Cl B |
| 48 | CHEMICAL- WATER | Drinking Water | Conductivity | APHA 23rdEdition, Part - 2000 Section 2510-B |
| 49 | CHEMICAL- WATER | Drinking Water | Hexavalent Chromium | IS 3025 (Part 52) |
| 50 | CHEMICAL- WATER | Drinking Water | Iron | APHA 23rd Edition, Part-3000, Section 3500 Fe B |
| 51 | CHEMICAL- WATER | Drinking Water | Magnesium | IS 3025 (Part 46) |
| 52 | CHEMICAL- WATER | Drinking Water | pH | IS 3025 (Part 11) |
| 53 | CHEMICAL- WATER | Drinking Water | Phosphate | APHA 23rd Edition, Part 4000 Section 4500-P, D. |
| 54 | CHEMICAL- WATER | Drinking Water | Silica | APHA 23rdEdition, Part-4000 Section 4500-SiO2 C (Molybdosilicate Method) |
| 55 | CHEMICAL- WATER | Drinking Water | Sulphate | APHA 23rd Edition, Part-4000 Section 4500- SO4-2 E |
| 56 | CHEMICAL- WATER | Drinking Water | Total Alkalinity | IS 3025 (Part 23) |
| 57 | CHEMICAL- WATER | Drinking Water | Total Chromium | IS 3025 (Part 52) |
| 58 | CHEMICAL- WATER | Drinking Water | Total dissolved solids (TDS) | APHA 23rd Edition, Part-2000, Section:2540 C |

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| 59 | CHEMICAL- WATER | Drinking Water | Total Hardness | IS 3025 (Part 21) |
| 60 | CHEMICAL- WATER | Drinking Water | Turbidity | APHA 23rd Edition, Part 2000 Section 2130-B. |
| 61 | CHEMICAL- WATER | Ground Water/Bore Water | Ammonical nitrogen | IS 3025 (Part 34) |
| 62 | CHEMICAL- WATER | Ground Water/Bore Water | Calcium | IS 3025 (Part 40) |
| 63 | CHEMICAL- WATER | Ground Water/Bore Water | Chloride | APHA 23rd Edition, Part-4000, Section 4500 Cl- B |
| 64 | CHEMICAL- WATER | Ground Water/Bore Water | Chlorine residual | APHA 23rd Edition, Part-4000, Section 4500 Cl B |
| 65 | CHEMICAL- WATER | Ground Water/Bore Water | Conductivity | APHA 23rdEdition, Part - 2000 Section 2510-B |
| 66 | CHEMICAL- WATER | Ground Water/Bore Water | Hexavalent Chromium | IS 3025 (Part 52) |
| 67 | CHEMICAL- WATER | Ground Water/Bore Water | Iron | APHA 23rd Edition, Part-3000, Section 3500 Fe B |
| 68 | CHEMICAL- WATER | Ground Water/Bore Water | Magnesium | IS 3025 (Part 46) |
| 69 | CHEMICAL- WATER | Ground water/Bore water | pH | IS 3025 (Part 11) |
| 70 | CHEMICAL- WATER | Ground Water/Bore Water | Phosphate | APHA 23rd Edition, Part 4000 Section 4500-P, D |
| 71 | CHEMICAL- WATER | Ground Water/Bore Water | Potassium | APHA 23rd Edition, Part-3000, Section 3500 K B |
| 72 | CHEMICAL- WATER | Ground Water/Bore Water | Silica | APHA 23rd Edition, Part-4000 Section 4500-SiO2 C (Molybdosilicate Method) |
| 73 | CHEMICAL- WATER | Ground Water/Bore Water | Sodium | APHA 23rd Edition, Part-3000, Section 3500 Na B |
| 74 | CHEMICAL- WATER | Ground Water/Bore Water | Sulphate | APHA 23rd Edition, Part-4000 Section 4500- SO4-2 E |
| 75 | CHEMICAL- WATER | Ground Water/Bore Water | Total Alkalinity | IS 3025 (Part 23) |
| 76 | CHEMICAL- WATER | Ground Water/Bore Water | Total Chromium | IS 3025 (Part 52) |
| 77 | CHEMICAL- WATER | Ground Water/Bore Water | Total dissolved solids | APHA 23rd Edition, Part-2000, Section 2540 C |
| 78 | CHEMICAL- WATER | Ground Water/Bore Water | Total Hardness | IS 3025 (Part 21) |
| 79 | CHEMICAL- WATER | Ground Water/Bore Water | Turbidity | APHA 23rd Edition, Part 2000 Section 2130-B |
| 80 | CHEMICAL- WATER | Surface water | Ammonical nitrogen | IS 3025 (Part 34) |
| 81 | CHEMICAL- WATER | Surface water | Calcium | IS 3025 (Part 40) |

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| 82 | CHEMICAL- WATER | Surface water | Chloride | APHA 23rd Edition, Part-4000, Section 4500 Cl- B |
| 83 | CHEMICAL- WATER | Surface water | Chlorine residual | APHA 23rd Edition, Part-4000, Section 4500 Cl B |
| 84 | CHEMICAL- WATER | Surface water | Conductivity | APHA 23rdEdition, Part - 2000 Section 2510-B |
| 85 | CHEMICAL- WATER | Surface water | Hexavalent Chromium | IS 3025 (Part 52) |
| 86 | CHEMICAL- WATER | Surface water | Iron | APHA 23rd Edition, Part-3000, Section 3500 Fe B |
| 87 | CHEMICAL- WATER | Surface water | Magnesium | IS 3025 (Part 46) |
| 88 | CHEMICAL- WATER | Surface water | pH | IS 3025 (Part 11) |
| 89 | CHEMICAL- WATER | Surface water | Phenolic compound | IS 3025 (Part 43) |
| 90 | CHEMICAL- WATER | Surface water | Phosphate | APHA 23rd Edition, Part 4000 Section 4500-P, D |
| 91 | CHEMICAL- WATER | Surface water | Potassium | APHA 23rd Edition, Part-3000, Section 3500 K B |
| 92 | CHEMICAL- WATER | Surface water | Silica | APHA 23rdEdition, Part-4000 Section 4500-SiO2 C (Molybdosilicate Method) |
| 93 | CHEMICAL- WATER | Surface water | Sodium | APHA 23rd Edition, Part-3000, Section 3500 Na B |
| 94 | CHEMICAL- WATER | Surface water | Sulphate | APHA 23rd Edition, Part-4000 Section 4500- SO4-2 E |
| 95 | CHEMICAL- WATER | Surface water | Temperature | APHA 23rd Edition, Part-2000, Section 2550 |
| 96 | CHEMICAL- WATER | Surface water | Total Alkalinity | IS 3025 (Part 23) |
| 97 | CHEMICAL- WATER | Surface water | Total Chromium | IS 3025 (Part 52) |
| 98 | CHEMICAL- WATER | Surface water | Total dissolved solids | APHA 23rd Edition, Part-2000, Section 2540 C |
| 99 | CHEMICAL- WATER | Surface water | Total Hardness | IS 3025 (Part 21) |
| 100 | CHEMICAL- WATER | Surface water | Turbidity | APHA 23rd Edition, Part 2000 Section 2130-B |