# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** WATAIR ENVISOL CONSULTANCY LLP (LABORATORY DIVISION), 602, 906 PRESIDENT HOUSE, AHMEDABAD, GUJARAT, INDIA

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

**Certificate Number** TC-8092 **Page No** 1 of 5

**Validity** 19/11/2021 to 18/11/2023 **Last Amended on** 03/01/2022

| 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- ATMOSPHERIC POLLUTION | Ambient Air | Nitrogen Dioxide as NO2 | IS 5182 (Part 6) |
| 2 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Particulate Matter (PM10) | IS 5182 (Part 23) |
| 3 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Particulate Matter (PM2.5) | IS 5182 (P-24) |
| 4 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Sulphur Dioxide (SO2) | IS 5182 (Part 2) |
| 5 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Oxides of Nitrogen (NOx) | IS 11255 (Part 7) |
| 6 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Particulate Matter (PM) | IS 11255 (Part 1) |
| 7 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Sulphur Dioxide (SO2) | IS 11255 (Part 2) |
| 8 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Ammonical Nitrogen as NH3-N | APHA 22nd Edition 4500 NH3- B, C |
| 9 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Bio Chemical Oxygen Demand (3 Days@27 °C) | IS 3025 (Part 44) : |
| 10 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Chemical Oxygen Demand | APHA 23rd Edition 5220-B |
| 11 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Chloride as Cl | APHA 22nd Edition 4500 Cl- B |
| 12 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Color | APHA 22nd Edition 2120 B |
| 13 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Dissolve Oxygen (DO) | APHA 22nd Edition 4500 B & C |
| 14 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Electrical Conductivity at 25 °C | APHA 22nd Edition 2510 B |
| 15 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Fluoride as F- | APHA 22nd Edition 4500 F- B, D |
| 16 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Hexavalent Chromium as Cr+6 | APHA 22nd Edition 3500 Cr B |
| 17 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Iron as Fe | APHA 22nd Edition 3500 Fe B |
| 18 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Oil & Grease | APHA 22nd Edition 5520 B |

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| **Certificate Number** | TC-8092 | **Page No** | 2 of 5 |
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| 19 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | pH | APHA 22nd Edition 4500 H+ B |
| 20 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Potassium as K | APHA 22nd Edition 3500 K B |
| 21 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Sodium as Na | APHA 22nd Edition 3500 Na B |
| 22 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Sulphate as SO4- | APHA 22nd Edition 4500 (SO4)2- E |
| 23 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Temperature | APHA 22nd Edition 2550 B |
| 24 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Total Dissolve Solids | APHA 22nd Edition 2540 C |
| 25 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Total Solids | APHA 22nd Edition 2540 B |
| 26 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Total Suspended Solids | APHA 22nd Edition 2540 D |
| 27 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluent/ Sewage) | Turbidity | APHA 22nd Edition 2130 B |
| 28 | CHEMICAL- WATER | Borewell water | Calcium as CaCO3 | APHA 23rd Edition 3500 Ca B |
| 29 | CHEMICAL- WATER | Borewell water | Chloride | APHA 23rd Edition 4500 Cl- B |
| 30 | CHEMICAL- WATER | Borewell water | Color | APHA 23rd Edition 2120 B |
| 31 | CHEMICAL- WATER | Borewell water | Dissolve Oxygen | APHA 23rd Edition 4500 B & C |
| 32 | CHEMICAL- WATER | Borewell water | Electrical Conductivity at 25 oC | APHA 23rd Edition 2150 B |
| 33 | CHEMICAL- WATER | Borewell water | Fluoride | APHA 23rd Edition 4500 F B,D |
| 34 | CHEMICAL- WATER | Borewell water | Hexavalent Chromium | APHA 23rd Edition 3500 Cr B |
| 35 | CHEMICAL- WATER | Borewell water | Iron | APHA 23rd Edition 3500 Fe B |
| 36 | CHEMICAL- WATER | Borewell water | Magnesium as CaCO3 | APHA 23rd Edition 3500 Mg B |
| 37 | CHEMICAL- WATER | Borewell water | pH Value | APHA 23rd Edition 4500 H+ B |
| 38 | CHEMICAL- WATER | Borewell water | Potassium | APHA 23rd Edition 3500 K B |
| 39 | CHEMICAL- WATER | Borewell water | Sodium | APHA 23rd Edition 3500 Na B |
| 40 | CHEMICAL- WATER | Borewell water | Sulphate | APHA 23rd Edition 4500 SO4-2 E |
| 41 | CHEMICAL- WATER | Borewell water | Temperature | APHA 23rd Edition 2550 B |
| 42 | CHEMICAL- WATER | Borewell water | Total Alkalinity as CaCO3 | APHA 23rd Edition 2320 B |

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| 43 | CHEMICAL- WATER | Borewell water | Total Dissolve Solids | APHA 23rd Edition 2540 C |
| 44 | CHEMICAL- WATER | Borewell water | Total Hardness as CaCO3 | APHA 23rd Edition 2340 C |
| 45 | CHEMICAL- WATER | Borewell water | Total Solids | APHA 23rd Edition 2540 B |
| 46 | CHEMICAL- WATER | Borewell water | Total Suspended Solids | APHA 23rd Edition 2540 D |
| 47 | CHEMICAL- WATER | Borewell water | Turbidity | APHA 23rd Edition 2130 B |
| 48 | CHEMICAL- WATER | Drinking Water / Portable Water | Calcium as CaCO3 | APHA 23rd Edition 3500 Ca B |
| 49 | CHEMICAL- WATER | Drinking Water / Portable Water | Chloride | APHA 23rd Edition 4500 Cl- B |
| 50 | CHEMICAL- WATER | Drinking Water / Portable Water | Color | APHA 23rd Edition 2120 B |
| 51 | CHEMICAL- WATER | Drinking Water / Portable Water | Dissolved Oxygen | APHA 23rd Edition 4500 B & C |
| 52 | CHEMICAL- WATER | Drinking Water / Portable Water | Electrical Conductivity at 25 oC | APHA 23rd Edition 2150 B |
| 53 | CHEMICAL- WATER | Drinking Water / Portable Water | Fluoride | APHA 23rd Edition 4500 F- B, D |
| 54 | CHEMICAL- WATER | Drinking Water / Portable Water | Hexavalent Chromium | APHA 23rd Edition 3500 Cr B |
| 55 | CHEMICAL- WATER | Drinking Water / Portable Water | Iron | APHA 23rd Edition 3500 Fe B |
| 56 | CHEMICAL- WATER | Drinking Water / Portable Water | Magnesium as CaCO3 | APHA 23rd Edition 3500 Mg B |
| 57 | CHEMICAL- WATER | Drinking Water / Portable Water | pH Value | APHA 23rd Edition 4500-H+ B |
| 58 | CHEMICAL- WATER | Drinking Water / Portable Water | Potassium | APHA 23rd Edition 3500 K B |
| 59 | CHEMICAL- WATER | Drinking Water / Portable Water | Sodium | APHA 23rd Edition 3500 Na B |
| 60 | CHEMICAL- WATER | Drinking Water / Portable Water | Sulphate | APHA 23rd Edition 4500 SO4-2 E |
| 61 | CHEMICAL- WATER | Drinking Water / Portable Water | Temperature | APHA 23rd Edition 2550 B |
| 62 | CHEMICAL- WATER | Drinking Water / Portable Water | Total Alkalinity as CaCO3 | APHA 23rd Edition 2320 B |
| 63 | CHEMICAL- WATER | Drinking Water / Portable Water | Total Dissolve Solids | APHA 23rd Edition 2540 C |
| 64 | CHEMICAL- WATER | Drinking Water / Portable Water | Total Hardness as CaCO3 | APHA 23rd Edition 2340 C |
| 65 | CHEMICAL- WATER | Drinking Water / Portable Water | Total Solids | APHA 23rd Edition 2540 B |
| 66 | CHEMICAL- WATER | Drinking Water / Portable Water | Total Suspended Solids | APHA 23rd Edition 2540 D |
| 67 | CHEMICAL- WATER | Drinking Water / Portable Water | Turbidity | APHA 23rd Edition 2130 B |
| 68 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Calcium as CaCO3 | APHA 22nd Edition 3500 Ca B |
| 69 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Chloride as Cl | APHA 22nd Edition 4500 Cl- B |
| 70 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Color | APHA 22nd Edition 2120 B |
| 71 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Dissolved Oxygen | APHA 22nd Edition 4500 B & C |
| 72 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Electrical Conductivity at 25 °C | APHA 22nd Edition 2150 B |

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| 73 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Fluoride as F- | APHA 22nd Edition 4500 F- B,D |
| 74 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Hexavalent Chromium as Cr+6 | APHA 22nd Edition 3500 Cr B |
| 75 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Iron as Fe | APHA 22nd Edition 3500 Fe B |
| 76 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Magnesium as CaCO3 | APHA 22nd Edition 3500 Mg B |
| 77 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | pH | APHA 22nd Edition 4500 H+ B |
| 78 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Potassium as K | APHA 22nd Edition 3500 K B |
| 79 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Sodium as Na | APHA 22nd Edition 3500 Na B |
| 80 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Sulphate as SO4 | APHA 22nd Edition 4500 (SO4)2- E |
| 81 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Temperature | APHA 22nd Edition 2550 B |
| 82 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Total Alkalinity as CaCO3 | APHA 22nd Edition 2320 B |
| 83 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Total Dissolve Solids | APHA 22nd Edition 2540 C |
| 84 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Total Hardness as CaCO3 | APHA 22nd Edition 2340 C |
| 85 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Total Solids | APHA 22nd Edition 2540 B |
| 86 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Total Suspended Solids | APHA 22nd Edition 2540 D |
| 87 | CHEMICAL- WATER | Pond / River / Lake / Open Canal | Turbidity | APHA 22nd Edition 2130 B |

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|---|---|---|---|---|
| Site Facility | | | | |
| 1 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Noise | Noise Level | IS 9989 |
| 2 | CHEMICAL- WATER | Drinking Water / Portable Water | Dissolved Oxygen | APHA 23rd Edition 4500 B & C |