# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** SADEKAR ENVIRO ENGINEERS PVT.LTD. (LABORATORY DIVISION), B-306/307, PLOT NO.61, PATEL ESTATE, OLD BETIM ROAD, BARDEZ, PANAJI, PORVORIM, GOA, INDIA

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

**Certificate Number** TC-7424 **Page No** 1 of 12

**Validity** 30/06/2023 to 29/06/2025 **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) | Method No.401, Methods of Air Sampling and analysis- 3rd edition by J P Lodge |
| 2 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Arsenic (as As) | SEE/LD/SOP-AA-09, Issue No. 02, Date 01/12/2020 |
| 3 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Benzene (C6H6) | SEEPL/LD/SOP/AA-07 Issue no. 02 |
| 4 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Benzo(a)Pyrene | SEEEPL/LD/SOP/AA-08 Issue no 02 |
| 5 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Carbon monoxide (CO) | IS 5182 (Part 10) |
| 6 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Lead (as Pb) | IS 5182 (Part 22) |
| 7 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Nickel (as Ni) | SEE/LD/SOP-AA-09, Issue No. 02, Date 01/12/2020 |
| 8 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Nitrogen dioxide (NOX) | IS 5182 (Part 06) Method B |
| 9 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Ozone (O3) | Method No.411, Methods of Air Sampling and analysis- 3rd edition by J P Lodge |
| 10 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | PM10 | IS 5182(Part 23) |
| 11 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | PM2.5 | SEE/LD/SOP-AA-04, Issue No. 02, Date 01/12/2020 |
| 12 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Sulphur dioxide SO2 | IS 5182 (Part 2) |
| 13 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Noise | Noise level-(Leq, L max, L min) | IS:9989 |
| 14 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Ammonia (NH3) | IS 11255 Part 6 |
| 15 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Carbon dioxide (CO2) | EPA Method 3A |
| 16 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Carbon monoxide | EPA Method 10 |
| 17 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Oxides of Nitrogen(NOx) | IS 11255 Part 7 |

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| 18 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Oxygen (O2) | EPA Method 3A |
| 19 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Particulate matter | IS 11255 Part 1 |
| 20 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Sulphur Dioxide (SO2) | IS 11255 Part 2 |
| 21 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Aluminium as Al | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 22 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Arsenic as As | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 23 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Available Chloride as Cl | SOP No. SEE/LD/SOP-SA/11 Issue No. 02 Issue Date 01/12/2020 |
| 24 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Available Phosphorus | SOP No. SEE/LD/SOP-SA/05 Issue No. 02,Issue Date 01/12/2020 |
| 25 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Available Sulphate as SO4 | SOP No. SEE/LD/SOP-SA/16 Issue No. 02,Issue Date 01/12/2020 |
| 26 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Cadmium as Cd | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 27 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Calcium as Ca | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 28 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Chromium as Cr | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 29 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Copper as Cu | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 30 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Electrical Conductivity | IS :14767 |
| 31 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Exchangeable Calcium as Ca | SOP No. SEE/LD/SOP-SA/02 Issue No.02,Issue Date 01/12/2020 |
| 32 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Exchangeable Magnesium as Mg | SOP No. SEE/LD/SOP-SA/23 Issue No.02,Issue Date 01/12/2020 |
| 33 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Iron as Fe | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 34 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Lead as Pb | EPA – 3050 – B and EPA 6010D, ICP-OES Method |

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| 35 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Magnesium as Mg | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 36 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Manganese as Mn | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 37 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Mercury as Hg | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 38 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Moisture Content | IS 2720 (Part 2) |
| 39 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Nickel as Ni | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 40 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Organic Matter | IS 2720 (Part 22) |
| 41 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | pH | IS:2720 (PART 26) |
| 42 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Selenium as Se | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 43 | CHEMICAL- POLLUTION & ENVIRONMENT | Soil/Sediments | Zinc as Zn | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 44 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste (Liquid/ Slurry/ Solid/ Semi-Solid) | Arsenic as As | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 45 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste (Liquid/ Slurry/ Solid/ Semi-Solid) | Cadmium as Cd | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 46 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste (Liquid/ Slurry/ Solid/ Semi-Solid) | Calcium as Ca | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 47 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste (Liquid/ Slurry/ Solid/ Semi-Solid) | Chromium as Cr | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 48 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste (Liquid/ Slurry/ Solid/ Semi-Solid) | Copper as Cu | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 49 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste (Liquid/ Slurry/ Solid/ Semi-Solid) | Iron as Fe | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 50 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste (Liquid/ Slurry/ Solid/ Semi-Solid) | Lead as Pb | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 51 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste (Liquid/ Slurry/ Solid/ Semi-Solid) | Magnesium as Mg | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 52 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste (Liquid/ Slurry/ Solid/ Semi-Solid) | Manganese as Mn | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 53 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste (Liquid/ Slurry/ Solid/ Semi-Solid) | Mercury as Hg | EPA – 3050 – B and EPA 6010D, ICP-OES Method |

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| 54 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste (Liquid/ Slurry/ Solid/ Semi-Solid) | Nickel as Ni | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 55 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste (Liquid/ Slurry/ Solid/ Semi-Solid) | Selenium as Se | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 56 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste (Liquid/ Slurry/ Solid/ Semi-Solid) | Zinc as Zn | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 57 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/ Sewage) | pH | IS 3025 (Part 11) |
| 58 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Ammonia (Total as NH3 – N) | IS 3025 (Part 34) |
| 59 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Arsenic as As | APHA 3120 B- 23rd Edition |
| 60 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Arsenic as As | IS 3025 (Part 2) |
| 61 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Biological Oxygen Demand (at 270C for 3 days) | IS 3025 (Part 44) |
| 62 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Cadmium as Cd | APHA 3120 B- 23rd Edition |
| 63 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Cadmium as Cd | IS 3025 (Part 2) |
| 64 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Calcium as Ca | APHA 3120 B- 23rd Edition |
| 65 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Calcium as Ca | IS 3025 (Part 2) |
| 66 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Chemical Oxygen Demand | APHA-5220-B 23rd Edition |
| 67 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Chemical Oxygen Demand | IS 3025 (Part 58) |
| 68 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Chloride as Cl | APHA 4500 – Cl- – B23rd Edition |
| 69 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Chloride as Cl | IS 3025 (Part 32) |
| 70 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Chromium as Cr | APHA 3120 B- 23rd Edition |
| 71 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Chromium as Cr | IS 3025 (Part 2) |
| 72 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Conductivity at 25°C | APHA 2510 – B 23rd Edition |

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| 73 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Copper as Cu | APHA 3120 B- 23rd Edition |
| 74 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Copper as Cu | IS 3025 (Part 2) |
| 75 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Fluoride as F | APHA 4500 F- D 23rd Edition |
| 76 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Free Residual Chlorine | APHA 4500 – Cl – C 23rd Edition |
| 77 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Iron as Fe | APHA 3120 B- 23rd Edition |
| 78 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Iron as Fe | IS 3025 (Part 2) |
| 79 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Lead as Pb | APHA 3120 B- 23rd Edition |
| 80 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Magnesium as Mg | APHA 3120 B- 23rd Edition |
| 81 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Manganese as Mn | APHA 3120 B- 23rd Edition |
| 82 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Manganese as Mn | IS 3025 (Part 2) |
| 83 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Mercury as Hg | APHA 3120 B- 23rd Edition |
| 84 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Mercury as Hg | IS 3025 (Part 2) |
| 85 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Nickel as Ni | IS 3025 (Part 2) |
| 86 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Oil and Grease | APHA-5520- O & G 23rd Edition |
| 87 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Oil and Grease | IS 3025 (Part 39) |
| 88 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | pH | APHA 4500 – H+ B 23rd Edition |
| 89 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Phenolic Compounds as C6H5OH | APHA 5530 B-C 23rd Edition |
| 90 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Phosphorus as PO4 | APHA 4500 – P – C 23rd Edition |
| 91 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Phosphorus as PO4 | IS 3025 (Part 31) |

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| 92 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Selenium as Se | APHA 3120 B- 23rd Edition |
| 93 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Sulfide as S2 | APHA 4500 – S2 – F 23rd Edition |
| 94 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Sulfide as S2 | IS 3025 (Part 29) |
| 95 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Sulphate as SO4 | APHA 4500 – SO4 – E 23rd Edition |
| 96 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Sulphate as SO4 | IS 3025 (Part 24) |
| 97 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Total Alkalinity as CaCO3 | IS 3025 (Part 23) |
| 98 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Total Dissolved Solids | APHA 2540 – C 23rd Edition |
| 99 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Total Hardness as CaCO3 | APHA 2340 – C 23rd Edition |
| 100 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Total Hardness as CaCO3 | IS 3025 (Part 21) |
| 101 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Total Suspended Solids | APHA-2540-D 23rd Edition |
| 102 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Total Suspended Solids | IS 3025 (Part 17) |
| 103 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Turbidity | APHA 2130 – B 23rd Edition |
| 104 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Zinc as Zn | APHA 3120 B- 23rd Edition |
| 105 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage) | Zinc as Zn | IS 3025 (Part 2) |
| 106 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Effluents/Sewage0 | Total Dissolved Solids | IS 3025 (Part 16) |
| 107 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water (Efluents/Sewage) | Lead as Pb | IS 3025 (Part 2) |
| 108 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water(Effluents/Sewage) | Ammonia (Total as NH3 – N) | APHA 4500 NH3 – B- C 23rd Edition |
| 109 | CHEMICAL- POLLUTION & ENVIRONMENT | waste water(Effluents/Sewage) | Conductivity at 25°C | IS 3025 (Part 14) |
| 110 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water(Effluents/Sewage) | Free Residual Chlorine | IS 3025 (Part 26) |

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| 111 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water(Effluents/Sewage) | Magnesium as Mg | IS 3025 (Part 2) |
| 112 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water(Effluents/Sewage) | Nickel as Ni | APHA 3120 B- 23rd Edition |
| 113 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water(Effluents/Sewage) | Phenolic Compounds as C6H5OH | IS 3025 (Part 43) |
| 114 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water(Effluents/Sewage) | Selenium as Se | IS 3025 (Part 2) |
| 115 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water(Effluents/Sewage) | Total Alkalinity as CaCO3 | APHA 2320 – B 23rd Edition |
| 116 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water(Effluents/Sewage) | Turbidity | IS 3025 (Part 5) |
| 117 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastes (Liquid/Slurry/Sludge/ Soild/Semi-Solid | Aluminium as Al | EPA – 3050 – B and EPA 6010D, ICP-OES Method |
| 118 | CHEMICAL- RESIDUES IN WATER | Ground Water | Arsenic as As | APHA 3120 B-23rd Edition |
| 119 | CHEMICAL- RESIDUES IN WATER | Ground Water | Arsenic as As | IS 3025 (Part 2) |
| 120 | CHEMICAL- RESIDUES IN WATER | Ground Water | Cadmium as Cd | APHA 3120 B- 23rd Edition |
| 121 | CHEMICAL- RESIDUES IN WATER | Ground Water | Cadmium as Cd | IS 3025 (Part 2) |
| 122 | CHEMICAL- RESIDUES IN WATER | Ground Water | Chromium as Cr | APHA 3120 B-23rd Edition |
| 123 | CHEMICAL- RESIDUES IN WATER | Ground Water | Chromium as Cr | IS 3025 (Part 2) |
| 124 | CHEMICAL- RESIDUES IN WATER | Ground Water | Copper as Cu | APHA 3120 B- 23rd Edition |
| 125 | CHEMICAL- RESIDUES IN WATER | Ground Water | Copper as Cu | IS 3025 (Part 2) |
| 126 | CHEMICAL- RESIDUES IN WATER | Ground Water | Iron as Fe | APHA 3120 B-23rd Edition |
| 127 | CHEMICAL- RESIDUES IN WATER | Ground Water | Iron as Fe | IS 3025 (Part 2) |
| 128 | CHEMICAL- RESIDUES IN WATER | Ground Water | Lead as Pb | APHA 3120 B (23rd Edition) |
| 129 | CHEMICAL- RESIDUES IN WATER | Ground Water | Lead as Pb | IS 3025 (Part 2) |

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| 130 | CHEMICAL- RESIDUES IN WATER | Ground Water | Manganese as Mn | APHA 3120 B (23rd Edition) |
| 131 | CHEMICAL- RESIDUES IN WATER | Ground Water | Manganese as Mn | IS 3025 (Part 2) |
| 132 | CHEMICAL- RESIDUES IN WATER | Ground Water | Mercury as Hg | APHA 3120 B- 23rd Edition |
| 133 | CHEMICAL- RESIDUES IN WATER | Ground Water | Mercury as Hg | IS 3025 (Part 2) |
| 134 | CHEMICAL- RESIDUES IN WATER | Ground Water | Nickel as Ni | APHA 3120 B- 23rd Edition |
| 135 | CHEMICAL- RESIDUES IN WATER | Ground Water | Nickel as Ni | IS 3025 (Part 2) |
| 136 | CHEMICAL- RESIDUES IN WATER | Ground Water | Selenium as Se | APHA 3120 B-23rd Edition |
| 137 | CHEMICAL- RESIDUES IN WATER | Ground Water | Selenium as Se | IS 3025 (Part 2) |
| 138 | CHEMICAL- RESIDUES IN WATER | Ground Water | Zinc as Zn | APHA 3120 B-23rd Edition |
| 139 | CHEMICAL- RESIDUES IN WATER | Ground Water | Zinc as Zn | IS 305 (Part 2) |
| 140 | CHEMICAL- RESIDUES IN WATER | Surface Water | Arsenic as As | APHA 3120 B- 23rd Edition |
| 141 | CHEMICAL- RESIDUES IN WATER | Surface Water | Arsenic as As | IS 3025 (Part 2) |
| 142 | CHEMICAL- RESIDUES IN WATER | Surface Water | Cadmium as Cd | APHA 3120 B- 23rd Edition |
| 143 | CHEMICAL- RESIDUES IN WATER | Surface Water | Cadmium as Cd | IS 3025 (Part 2) |
| 144 | CHEMICAL- RESIDUES IN WATER | Surface Water | Chromium as Cr | APHA 3120 B-23rd Edition |
| 145 | CHEMICAL- RESIDUES IN WATER | Surface Water | Chromium as Cr | IS 3025 (Part 2) |
| 146 | CHEMICAL- RESIDUES IN WATER | Surface Water | Copper as Cu | APHA 3120 B- 23rd Edition |
| 147 | CHEMICAL- RESIDUES IN WATER | Surface Water | Copper as Cu | IS 3025 (Part 2) |
| 148 | CHEMICAL- RESIDUES IN WATER | Surface Water | Iron as Fe | APHA 3120 B- 23rd Edition |

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|---|---|---|---|---|
| 149 | CHEMICAL- RESIDUES IN WATER | Surface Water | Iron as Fe | IS 3025 (Part 2) |
| 150 | CHEMICAL- RESIDUES IN WATER | Surface Water | Lead as Pb | APHA 3120 B- 23rd Edition |
| 151 | CHEMICAL- RESIDUES IN WATER | Surface Water | Lead as Pb | IS 3025 (Part 2) |
| 152 | CHEMICAL- RESIDUES IN WATER | Surface Water | Manganese as Mn | APHA 3120 B- 23rd Edition |
| 153 | CHEMICAL- RESIDUES IN WATER | Surface Water | Manganese as Mn | IS 3025 (Part 2) |
| 154 | CHEMICAL- RESIDUES IN WATER | Surface Water | Mercury as Hg | APHA 3120 B- 23rd Edition |
| 155 | CHEMICAL- RESIDUES IN WATER | Surface Water | Mercury as Hg | IS 3025 (Part 2) |
| 156 | CHEMICAL- RESIDUES IN WATER | Surface Water | Nickel as Ni | APHA 3120 B- 23rd Edition |
| 157 | CHEMICAL- RESIDUES IN WATER | Surface Water | Nickel as Ni | IS 3025 (Part 2) |
| 158 | CHEMICAL- RESIDUES IN WATER | Surface Water | Selenium as Se | APHA 3120 B-23rd Edition |
| 159 | CHEMICAL- RESIDUES IN WATER | Surface Water | Selenium as Se | IS 3025 (Part 2) |
| 160 | CHEMICAL- RESIDUES IN WATER | Surface Water | Zinc as Zn | APHA 3120 B- 23rd Edition |
| 161 | CHEMICAL- RESIDUES IN WATER | Surface Water | Zinc as Zn | IS 3025 (Part 2) |
| 162 | CHEMICAL- WATER | Ground Water | Total Hardness as CaCO3 | APHA 2340 – C 23rd Edition |
| 163 | CHEMICAL- WATER | Ground Water | Ammonia (Total as NH3 – N) | APHA 4500 NH3 – B- C 23rd Edition |
| 164 | CHEMICAL- WATER | Ground Water | Ammonia (Total as NH3 – N) | IS 3025 (Part 34) |
| 165 | CHEMICAL- WATER | Ground Water | Calcium as Ca | APHA 3500 Ca B 23rd Edition |
| 166 | CHEMICAL- WATER | Ground Water | Chloride as Cl | APHA 4500 – Cl-B 23rd Edition |
| 167 | CHEMICAL- WATER | Ground Water | Chloride as Cl | IS 3025 (Part 32) |
| 168 | CHEMICAL- WATER | Ground Water | Conductivity at 25°C | APHA 2510 – B 23rd Edition |
| 169 | CHEMICAL- WATER | Ground Water | Fluoride as F | APHA 4500 F- D 23rd Edition |

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|---|---|---|---|---|
| 170 | CHEMICAL- WATER | Ground Water | Free Residual Chlorine | APHA 4500 – Cl – C 23rd Edition |
| 171 | CHEMICAL- WATER | Ground Water | Free Residual Chlorine | IS 3025 (Part 26) |
| 172 | CHEMICAL- WATER | Ground Water | Magnesium as Mg | APHA 3500 Mg B 23rd Edition |
| 173 | CHEMICAL- WATER | Ground Water | Nitrate as NO3 | APHA 4500 – NO3 – B23rd Edition |
| 174 | CHEMICAL- WATER | Ground Water | Nitrate as NO3 | IS 3025 (Part 34) |
| 175 | CHEMICAL- WATER | Ground Water | Nitrite as NO2 | APHA 4500 – NO2 – B 23rd Edition |
| 176 | CHEMICAL- WATER | Ground Water | pH at 25°C | APHA 4500 – H+ B 23rd Edition |
| 177 | CHEMICAL- WATER | Ground Water | pH at 25°C | IS 3025 (Part 11) |
| 178 | CHEMICAL- WATER | Ground Water | Phenolic Compounds as C6H5OH | APHA 5530 B-C 23rd Edition |
| 179 | CHEMICAL- WATER | Ground Water | Phenolic Compounds as C6H5OH | IS 3025 (Part 43) |
| 180 | CHEMICAL- WATER | Ground Water | Phosphorus as PO4 | APHA 4500 – P – C 23rd Edition |
| 181 | CHEMICAL- WATER | Ground Water | Phosphorus as PO4 | IS 3025 (Part 31) |
| 182 | CHEMICAL- WATER | Ground Water | Sulfide as S2 | APHA 4500 – S2 – F 23rd Edition |
| 183 | CHEMICAL- WATER | Ground Water | Sulfide as S2 | IS 3025 (Part 29) |
| 184 | CHEMICAL- WATER | Ground Water | Sulphate as SO4 | APHA 4500 – SO4 – E 23rd Edition |
| 185 | CHEMICAL- WATER | Ground Water | Sulphate as SO4 | IS 3025 (Part 24) |
| 186 | CHEMICAL- WATER | Ground Water | Total Alkalinity as CaCO3 | APHA 2320 – B 23rd Edition |
| 187 | CHEMICAL- WATER | Ground Water | Total Alkalinity as CaCO3 | IS 3025 (Part 23) |
| 188 | CHEMICAL- WATER | Ground Water | Total Dissolved Solids | APHA 2540 – C 23rd Edition |
| 189 | CHEMICAL- WATER | Ground Water | Total Dissolved Solids | IS 3025 (Part 16) |
| 190 | CHEMICAL- WATER | Ground Water | Total Hardness as CaCO3 | IS 3025 (Part 21) |
| 191 | CHEMICAL- WATER | Ground Water | Total Suspended Solids | APHA-2540-D 23rd Edition |
| 192 | CHEMICAL- WATER | Ground Water | Turbidity | APHA 2130 – B 23rd Edition |
| 193 | CHEMICAL- WATER | Ground Water | Turbidity | IS 3025 (Part 5) |
| 194 | CHEMICAL- WATER | Surface Water | Ammonia (Total as NH3 – N) | APHA 4500 NH3 – B- C 23rd Edition |
| 195 | CHEMICAL- WATER | Surface Water | Ammonia (Total as NH3 – N) | IS 3025 (Part 34) |

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|---|---|---|---|---|
| 196 | CHEMICAL- WATER | Surface Water | Calcium as Ca | APHA 3500 Ca B 23rd Edition |
| 197 | CHEMICAL- WATER | Surface Water | Chloride as Cl | APHA 4500 – Cl- B 23rd Edition |
| 198 | CHEMICAL- WATER | Surface Water | Chloride as Cl | IS 3025 (Part 32) |
| 199 | CHEMICAL- WATER | Surface Water | Conductivity at 25°C | APHA 2510 – B 23rd Edition |
| 200 | CHEMICAL- WATER | Surface Water | Fluoride as F | APHA 4500 F- D 23rd Edition |
| 201 | CHEMICAL- WATER | Surface Water | Free Residual Chlorine | APHA 4500 – Cl – C 23rd Edition |
| 202 | CHEMICAL- WATER | Surface Water | Free Residual Chlorine | IS 3025 (Part 26) |
| 203 | CHEMICAL- WATER | Surface Water | Magnesium as Mg | APHA 3500 Mg B 23rd Edition |
| 204 | CHEMICAL- WATER | Surface Water | Nitrate as NO3 | APHA 4500 – NO3 – B23rd Edition |
| 205 | CHEMICAL- WATER | Surface Water | Nitrate as NO3 | IS 3025 (Part 34) |
| 206 | CHEMICAL- WATER | Surface Water | Nitrite as NO2 | APHA 4500 – NO2 – B 23rd Edition |
| 207 | CHEMICAL- WATER | Surface Water | pH | APHA 4500 – H+ B 23rd Edition |
| 208 | CHEMICAL- WATER | Surface Water | pH | IS 3025 (Part 11) |
| 209 | CHEMICAL- WATER | Surface Water | Phenolic Compounds as C6H5OH | APHA 5530 B-C 23rd Edition |
| 210 | CHEMICAL- WATER | Surface Water | Phenolic Compounds as C6H5OH | IS 3025 (Part 43) |
| 211 | CHEMICAL- WATER | Surface Water | Phosphorus as PO4 | APHA 4500 – P – C 23rd Edition |
| 212 | CHEMICAL- WATER | Surface Water | Phosphorus as PO4 | IS 3025 (Part 31) |
| 213 | CHEMICAL- WATER | Surface Water | Sulfide as S2 | APHA 4500 – S2 – F 23rd Edition |
| 214 | CHEMICAL- WATER | Surface Water | Sulfide as S2 | IS 3025 (Part 29) |
| 215 | CHEMICAL- WATER | Surface Water | Sulphate as SO4 | APHA 4500 – SO4 – E 23rd Edition |
| 216 | CHEMICAL- WATER | Surface Water | Sulphate as SO4 | IS 3025 (Part 24) |
| 217 | CHEMICAL- WATER | Surface Water | Total Alkalinity as CaCO3 | APHA 2320 – B 23rd Edition |
| 218 | CHEMICAL- WATER | Surface Water | Total Alkalinity as CaCO3 | IS 3025 (Part 23) |
| 219 | CHEMICAL- WATER | Surface Water | Total Dissolved Solids | APHA 2540 – C 23rd Edition |
| 220 | CHEMICAL- WATER | Surface Water | Total Dissolved Solids | IS 3025 (Part 16) |
| 221 | CHEMICAL- WATER | Surface Water | Total Hardness as CaCO3 | APHA 2340 – C 23rd Edition |

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|---|---|---|---|---|
| 222 | CHEMICAL- WATER | Surface Water | Total Hardness as CaCO3 | IS 3025 (Part 21) |
| 223 | CHEMICAL- WATER | Surface Water | Total Suspended Solids | APHA-2540-D 23rd Edition |
| 224 | CHEMICAL- WATER | Surface Water | Turbidity | APHA 2130 – B 23rd Edition |
| 225 | CHEMICAL- WATER | Surface Water | Turbidity | IS 3025 (Part 5) |