# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** TESTING LABORATORY-VASUNDHARA ENTERPRISE, SHED NO S-306, MULTILEVEL-2, PLOT NO 3002/F/1,, GIDC ANKLESHWAR, ANKLESHWAR, BHARUCH, GUJARAT, INDIA

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

**Certificate Number** TC-9581 **Page No** 1 of 7

**Validity** 08/06/2021 to 07/06/2023 **Last Amended on** -

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|---|---|---|---|---|
| Permanent Facility | | | | |
| 1 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Total Dissolved Solids | APHA (23rd Edition) 2540 C |
| 2 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Acidity | APHA (23rd Edition) 2310 B |
| 3 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Alkalinity | APHA (23rd Edition) 2310 B |
| 4 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Ammoniacal Nitrogen | APHA (23rd Edition) 4500- NH3 B & C |
| 5 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Biochemical Oxygen Demand | IS 3025 (Part 44) |
| 6 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Calcium as CaCO3 | APHA (23rd Edition) 3500 Ca B |
| 7 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Chloride | APHA (23rd Edition), 4500-Cl, B |
| 8 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | COD | APHA (23rd Edition), 5220-COD, B |
| 9 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Colour | APHA (23rd Edition), 2120-Color |
| 10 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Dissolved Oxygen | APHA (23rd Edition), 4500-O |
| 11 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Electrical Conductivity | APHA (23rd Edition), 2510, B |
| 12 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Fixed solids and Volatile solids | APHA (23rd Edition) 2540 E |
| 13 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Fluoride | APHA (23rd Edition) 4500-F- D |
| 14 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Free residual chlorine | APHA (23rd Edition), 4500-Cl, B |
| 15 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Hexavalent Chromium | APHA (23rd Edition) 3500-Cr B |
| 16 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Iron | APHA (23rd Edition) 3500-Fe B |
| 17 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Magnesium | APHA (23rd Edition) 3500 Mg B |
| 18 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Nitrate | APHA (23rd Edition) 4500-NO3-B |

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

**Certificate Number** TC-9581 **Page No** 2 of 7

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| 19 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | pH Value | IS 3025 (Part 11) |
| 20 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Phenolic compound | APHA (23rd Edition), 5530, B |
| 21 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Phosphate | APHA (23rd Edition) 4500-P |
| 22 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Potassium as K | APHA (23rd Edition) 3500 K-B |
| 23 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Silica as SiO2 | APHA (23rd Edition) 4500-SiO2 C |
| 24 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Sodium | APHA (23rd Edition) 3500 B |
| 25 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Sulphate | APHA (23rd Edition) 4500 SO42- , E |
| 26 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Sulphide | APHA, (23rd Edition 2017), 4500 S2- B, C & F |
| 27 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Temperature | APHA (23rd Edition) 2550 B |
| 28 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Total Hardness | APHA, (23rd Edition,) 2340 C |
| 29 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Total Solids | APHA (23rd Edition) 2540 B |
| 30 | CHEMICAL- POLLUTION & ENVIRONMENT | Sewage water | Turbidity | APHA (23rd Edition), 2130 |
| 31 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Acidity | APHA (23rd Edition) 2310 B |
| 32 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Alkalinity | APHA (23rd Edition) 2310 B |
| 33 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Ammoniacal Nitrogen | APHA (23rd Edition) 4500- NH3 B & C |
| 34 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Biochemical Oxygen Demand | IS 3025 (Part 44) |
| 35 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Calcium | APHA (23rd Edition) 3500 Ca B |
| 36 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Chloride | APHA (23rd Edition), 4500-Cl, B |
| 37 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | COD | APHA (23rd Edition), 5220-COD, B |

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

**Certificate Number** TC-9581 **Page No** 3 of 7

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| 38 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Colour | APHA (23rd Edition), 2120-B |
| 39 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Dissolved Oxygen | APHA (23rd Edition), 4500-O |
| 40 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Electrical Conductivity | APHA (23rd Edition), 2510, B |
| 41 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Fixed solids and Volatile solids | APHA (23rd Edition) 2540 E |
| 42 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Fluoride | APHA (23rd Edition) 4500-F- D |
| 43 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Free residual chlorine | APHA (23rd Edition), 4500-Cl, B |
| 44 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Hexavalent Chromium | APHA (23rd Edition) 3500-Cr B & C |
| 45 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Iron | APHA (23rd Edition) 3500-Fe B |
| 46 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Magnesium | APHA (23rd Edition) 3500 _Mg B |
| 47 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Nitrate | APHA (23rd Edition) 4500-NO3- B: |
| 48 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | pH Value | IS 3025 (Part 11) |
| 49 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Phenolic compound | APHA (23rd Edition), 5530, B |
| 50 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Phosphate | APHA (23rd Edition) 4500-P |
| 51 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Potassium as K | APHA (23rd Edition) 3500 K-B |
| 52 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Silica as SiO2 | APHA (23rd Edition) 4500-SiO2 B,C & D |
| 53 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Sodium | APHA (23rd Edition) 3500 B |
| 54 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Sulphate | APHA (23rd Edition) 4500 SO42- , E |
| 55 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Sulphide | APHA, (23rd Edition 2017), 4500 S2- B, C & F |
| 56 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Temperature | APHA (23rd Edition) 2550 B |

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

**Certificate Number** TC-9581 **Page No** 4 of 7

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| 57 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Total Dissolved Solids | APHA (23rd Edition) 2540 C |
| 58 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Total Hardness | APHA, (23rd Edition,) 2340 C |
| 59 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Total Kjeldahl Nitrogen | APHA (23rd Edition) 4500 B |
| 60 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Total Solids | APHA (23rd Edition) 2540 B |
| 61 | CHEMICAL- POLLUTION & ENVIRONMENT | Wastewater | Turbidity | APHA (23rd Edition), 2130 |
| 62 | CHEMICAL- WATER | Drinking Water | Acidity | APHA (23rd Edition) 2310 B |
| 63 | CHEMICAL- WATER | Drinking Water | Alkalinity | APHA (23rd Edition) 2310 B |
| 64 | CHEMICAL- WATER | Drinking Water | Ammoniacal Nitrogen | APHA (23rd Edition) 4500- NH3 B & C |
| 65 | CHEMICAL- WATER | Drinking Water | Biochemical Oxygen Demand | IS 3025 (Part 44) |
| 66 | CHEMICAL- WATER | Drinking Water | Calcium as CaCO3 | APHA (23rd Edition) 3500 Ca B |
| 67 | CHEMICAL- WATER | Drinking Water | Chloride | APHA (23rd Edition), 4500-Cl, B |
| 68 | CHEMICAL- WATER | Drinking Water | COD | APHA (23rd Edition), 5220-COD, B |
| 69 | CHEMICAL- WATER | Drinking Water | Colour | APHA (23rd Edition), 2120-Color |
| 70 | CHEMICAL- WATER | Drinking Water | Dissolved Oxygen | APHA (23rd Edition), 4500-O |
| 71 | CHEMICAL- WATER | Drinking Water | Electrical Conductivity | APHA (23rd Edition), 2510, B |
| 72 | CHEMICAL- WATER | Drinking Water | Fluoride | APHA (23rd Edition) 4500-F-D |
| 73 | CHEMICAL- WATER | Drinking Water | Free residual chlorine | APHA (23rd Edition), 4500-Cl, B |
| 74 | CHEMICAL- WATER | Drinking Water | Hexavalent Chromium | APHA (23rd Edition) 3500-Cr -B |
| 75 | CHEMICAL- WATER | Drinking Water | Iron | APHA (23rd Edition) 3500-Fe B |
| 76 | CHEMICAL- WATER | Drinking Water | Magnesium | APHA (23rd Edition) 3500 _Mg B |
| 77 | CHEMICAL- WATER | Drinking Water | Nitrate | APHA (23rd Edition) 4500-NO3-B |
| 78 | CHEMICAL- WATER | Drinking Water | pH Value | IS 3025 (Part 11) |
| 79 | CHEMICAL- WATER | Drinking Water | Phenolic compound | APHA (23rd Edition), 5530, B |
| 80 | CHEMICAL- WATER | Drinking Water | Phosphate | APHA (23rd Edition) 4500-P |

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**Certificate Number** TC-9581 **Page No** 5 of 7

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|---|---|---|---|---|
| 81 | CHEMICAL- WATER | Drinking Water | Potassium as K | APHA (23rd Edition) 3500 K-B |
| 82 | CHEMICAL- WATER | Drinking Water | Silica as SiO2 | APHA (23rd Edition) 4500-SiO2-C |
| 83 | CHEMICAL- WATER | Drinking Water | Sodium | APHA (23rd Edition) 3500 B |
| 84 | CHEMICAL- WATER | Drinking Water | Sulphate | APHA (23rd Edition) 4500 SO42- , E |
| 85 | CHEMICAL- WATER | Drinking Water | Sulphide | APHA, (23rd Edition 2017), 4500 S2- F |
| 86 | CHEMICAL- WATER | Drinking Water | Temperature | APHA (23rd Edition) 2550 B |
| 87 | CHEMICAL- WATER | Drinking Water | Total Dissolved Solids | APHA (23rd Edition) 2540 C |
| 88 | CHEMICAL- WATER | Drinking Water | Total Hardness | APHA, (23rd Edition,) 2340 C |
| 89 | CHEMICAL- WATER | Drinking Water | Total Kjeldahl Nitrogen | APHA (23rd Edition) 4500 B |
| 90 | CHEMICAL- WATER | Drinking Water | Total Solids | APHA (23rd Edition) 2540 B |
| 91 | CHEMICAL- WATER | Drinking Water | Turbidity | APHA (23rd Edition), 2130 |
| 92 | CHEMICAL- WATER | Ground water | Acidity | APHA (23rd Edition) 2310 B |
| 93 | CHEMICAL- WATER | Ground water | Alkalinity | APHA (23rd Edition) 2310 B |
| 94 | CHEMICAL- WATER | Ground water | Ammoniacal Nitrogen | APHA (23rd Edition) 4500- NH3 B & C |
| 95 | CHEMICAL- WATER | Ground water | Biochemical Oxygen Demand | IS 3025 (Part 44) |
| 96 | CHEMICAL- WATER | Ground water | Calcium | APHA (23rd Edition) 3500 Ca B |
| 97 | CHEMICAL- WATER | Ground water | Chloride | APHA (23rd Edition), 4500-Cl, B |
| 98 | CHEMICAL- WATER | Ground water | COD | APHA (23rd Edition), 5220-COD, B |
| 99 | CHEMICAL- WATER | Ground water | Colour | APHA (23rd Edition), 2120-B-Color |
| 100 | CHEMICAL- WATER | Ground water | Dissolved oxygen | APHA (23rd Edition), 4500-O |
| 101 | CHEMICAL- WATER | Ground water | Electric conductivity | APHA (23rd Edition), 2510, B |
| 102 | CHEMICAL- WATER | Ground water | Fluoride | APHA (23rd Edition) 4500-F- D |
| 103 | CHEMICAL- WATER | Ground water | Free residual chlorine | APHA (23rd Edition), 4500-Cl, B |
| 104 | CHEMICAL- WATER | Ground water | Hexavalent Chromium | APHA (23rd Edition) 3500-Cr B |
| 105 | CHEMICAL- WATER | Ground water | Iron | APHA (23rd Edition) 3500-Fe B |
| 106 | CHEMICAL- WATER | Ground water | Magnesium | APHA (23rd Edition) 3500 - Mg B |

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**Certificate Number** TC-9581 **Page No** 6 of 7

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|---|---|---|---|---|
| 107 | CHEMICAL- WATER | Ground water | Nitrate | APHA (23rd Edition) 4500-NO3- B |
| 108 | CHEMICAL- WATER | Ground water | pH Value | IS 3025 (Part 11) |
| 109 | CHEMICAL- WATER | Ground water | Phenolic compound | APHA (23rd Edition), 5530, B |
| 110 | CHEMICAL- WATER | Ground water | Phosphate | APHA (23rd Edition) 4500-P |
| 111 | CHEMICAL- WATER | Ground water | Potassium as K | APHA (23rd Edition) 3500 K-B |
| 112 | CHEMICAL- WATER | Ground water | Silica as SiO2 | APHA (23rd Edition) 4500-SiO2 C |
| 113 | CHEMICAL- WATER | Ground water | Sodium | APHA (23rd Edition) 3500 B |
| 114 | CHEMICAL- WATER | Ground water | Sulphate | APHA (23rd Edition) 4500 SO42- , E |
| 115 | CHEMICAL- WATER | Ground water | Sulphide | APHA, (23rd Edition 2017), 4500 S2- F |
| 116 | CHEMICAL- WATER | Ground water | Temperature | APHA (23rd Edition) 2550 B |
| 117 | CHEMICAL- WATER | Ground water | Total Dissolved Solids | APHA (23rd Edition) 2540 C |
| 118 | CHEMICAL- WATER | Ground water | Total Hardness | APHA, (23rd Edition,) 2340 C |
| 119 | CHEMICAL- WATER | Ground water | Total Kjeldahl Nitrogen | APHA (23rd Edition) 4500 B |
| 120 | CHEMICAL- WATER | Ground water | Total Solids | APHA (23rd Edition) 2540 B |
| 121 | CHEMICAL- WATER | Ground water | Turbidity | APHA (23rd Edition), 2130 |
| 122 | CHEMICAL- WATER | Surface water | Acidity | APHA (23rd Edition) 2310 B |
| 123 | CHEMICAL- WATER | Surface water | Alkalinity | APHA (23rd Edition) 2310 B |
| 124 | CHEMICAL- WATER | Surface water | Ammoniacal Nitrogen | APHA (23rd Edition) 4500- NH3 B & C |
| 125 | CHEMICAL- WATER | Surface water | Biochemical Oxygen Demand | IS 3025 (Part 44) |
| 126 | CHEMICAL- WATER | Surface water | Calcium | APHA (23rd Edition) 3500 Ca B |
| 127 | CHEMICAL- WATER | Surface water | Chloride | APHA (23rd Edition), 4500-Cl, B |
| 128 | CHEMICAL- WATER | Surface water | COD | APHA (23rd Edition), 5220-COD, B |
| 129 | CHEMICAL- WATER | Surface water | Colour | APHA (23rd Edition), 2120-Color |
| 130 | CHEMICAL- WATER | Surface water | Dissolved Oxygen | APHA (23rd Edition), 4500-O |
| 131 | CHEMICAL- WATER | Surface water | Electrical Conductivity | APHA (23rd Edition), 2510, B |
| 132 | CHEMICAL- WATER | Surface water | Fluoride | APHA (23rd Edition) 4500-F- D |

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|---|---|---|---|---|
| 133 | CHEMICAL- WATER | Surface water | Free residual chlorine | APHA (23rd Edition), 4500-Cl, B |
| 134 | CHEMICAL- WATER | Surface water | Hexavalent Chromium | APHA (23rd Edition) 3500-Cr B & C |
| 135 | CHEMICAL- WATER | Surface water | Iron | APHA (23rd Edition) 3500-Fe B |
| 136 | CHEMICAL- WATER | Surface water | Magnesium | APHA (23rd Edition) 3500 Mg B |
| 137 | CHEMICAL- WATER | Surface water | Nitrate | APHA (23rd Edition) 4500-NO3- B |
| 138 | CHEMICAL- WATER | Surface water | pH Value | IS 3025 (Part 11) |
| 139 | CHEMICAL- WATER | Surface water | Phenolic compound | APHA (23rd Edition), 5530, B |
| 140 | CHEMICAL- WATER | Surface water | Phosphate | APHA (23rd Edition) 4500-P |
| 141 | CHEMICAL- WATER | Surface water | Potassium as K | APHA (23rd Edition) 3500 K-B |
| 142 | CHEMICAL- WATER | Surface water | Silica as SiO2 | APHA (23rd Edition) 4500-SiO2 C |
| 143 | CHEMICAL- WATER | Surface water | Sodium | APHA (23rd Edition) 3500 B |
| 144 | CHEMICAL- WATER | Surface water | Sulphate | APHA (23rd Edition) 4500 SO42- , E |
| 145 | CHEMICAL- WATER | Surface water | Sulphide | APHA, (23rd Edition 2017), 4500 S2- F |
| 146 | CHEMICAL- WATER | Surface water | Temperature | APHA (23rd Edition) 2550 B |
| 147 | CHEMICAL- WATER | Surface water | Total Dissolved Solids | APHA (23rd Edition) 2540 C |
| 148 | CHEMICAL- WATER | Surface water | Total Hardness | APHA, (23rd Edition,) 2340 C |
| 149 | CHEMICAL- WATER | Surface water | Total Kjeldahl Nitrogen | APHA (23rd Edition) 4500 B |
| 150 | CHEMICAL- WATER | Surface water | Total Solids | APHA (23rd Edition) 2540 B |
| 151 | CHEMICAL- WATER | Surface water | Total Suspended Solids | APHA (23rd Edition) 2540 D |
| 152 | CHEMICAL- WATER | Surface water | Turbidity | APHA (23rd Edition), 2130 |