# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** BHARAT QUALITY TESTING LAB, #3738, 1ST MAIN ROAD, GAYATHRI NAGAR, BENGALURU, KARNATAKA, INDIA

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

**Certificate Number** TC-5037 **Page No** 1 of 3

**Validity** 27/09/2021 to 26/09/2023 **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- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Aluminium as Al | IS 3025 (Part 55) |
| 2 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Ammonical Nitrogen | IS 3025 (Part 34) |
| 3 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Bio Chemical Oxygen Demand (BOD) at 27°C for 3 days | IS 3025 (Part 44) |
| 4 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Boron as B | IS 3025 (Part 57) |
| 5 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Chemical Oxygen Demand (COD) | IS 3025 (Part 58) |
| 6 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Chloride as Cl | IS 3025 (Part 32) |
| 7 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Chromium as Cr (Hexavalent) | IS 3025 (Part 52) |
| 8 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Colour | IS 3025 (Part 4) |
| 9 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Conductivity | IS 3025 (Part 14) |
| 10 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Copper as Cu | IS 3025 (Part 42) |
| 11 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Dissolved Oxygen | IS 3025 (Part 38) |
| 12 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Fluoride as F | APHA 4500-D, 23rd edition |
| 13 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Kjeldhal Nitrogen | IS 3025 (Part 34) |
| 14 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Nitrate as NO3 | IS 3025 (Part 34) |
| 15 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Nitrite as NO2 | IS 3025 (Part 34) |
| 16 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Oil & Greases | IS 3025 (Part 39) |
| 17 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | pH | IS 3025 (Part 11) |
| 18 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Phosphorus as PO4 | IS 3025 (Part 31) |

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| 19 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Residual Chlorine | IS 3025 (Part 26) |
| 20 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Sulphate as SO4 | APHA 4500-D SO4 23rd edition |
| 21 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Sulphide | IS 3025 (Part 29) |
| 22 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Temperature | IS 3025 (Part 09) |
| 23 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Total Dissolved Solids | IS 3025 (Part 16) |
| 24 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Total Solids | IS 3025 (Part 15) |
| 25 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Total Suspended Solids | IS 3025 (Part 16) |
| 26 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste water (Effluent/Sewage) | Turbidity | IS 3025 (Part 10) |
| 27 | CHEMICAL- WATER | Construction Water | Chloride as Cl | IS 3025 (Part 32) |
| 28 | CHEMICAL- WATER | Construction Water | Inorganic solids | IS 3025 (Part 18) |
| 29 | CHEMICAL- WATER | Construction Water | Organic Solids | IS 3025 (Part 18) |
| 30 | CHEMICAL- WATER | Construction Water | Sulphate as SO4 | IS 3025 (Part 24) |
| 31 | CHEMICAL- WATER | Construction Water | Suspended matter | IS 3025 (Part 17) |
| 32 | CHEMICAL- WATER | Construction Water | To neutralize 100 ml sample of water, using mixed indicator | IS 3025 (Part 23) |
| 33 | CHEMICAL- WATER | Construction Water | To neutralize 100 ml sample of water, using phenolphthalein as an indicator | IS 3025 (Part 22) |
| 34 | CHEMICAL- WATER | Drinking Water | Acidity as CaCO3 | IS 3025 (Part 22) |
| 35 | CHEMICAL- WATER | Drinking Water | Alkalinity as CaCO3 | IS 3025 (Part 23) |
| 36 | CHEMICAL- WATER | Drinking water | Aluminum as Al | IS 3025 (Part 55) |
| 37 | CHEMICAL- WATER | Drinking Water | Boron as B | IS 3025 (Part 57) |
| 38 | CHEMICAL- WATER | Drinking water | Calcium as Ca | IS 3025 (Part 40) |
| 39 | CHEMICAL- WATER | Drinking Water | Chloride as Cl | IS 3025 (Part 32) |
| 40 | CHEMICAL- WATER | Drinking Water | Chromium as Cr(+6) (Hexavalent) | IS 3025 (Part 52) |
| 41 | CHEMICAL- WATER | Drinking water | Colour | IS 3025 (Part 4) |

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| 42 | CHEMICAL- WATER | Drinking water | Conductivity | IS 3025 (Part 14) |
| 43 | CHEMICAL- WATER | Drinking Water | Copper as Cu | IS 3025 (Part 42) |
| 44 | CHEMICAL- WATER | Drinking Water | Fluoride as F | APHA 4500 -D, 23rd Edition |
| 45 | CHEMICAL- WATER | Drinking Water | Magnesium as Mg | IS 3025 (Part 46) |
| 46 | CHEMICAL- WATER | Drinking Water | Nitrate as NO3 | IS 3025 (Part 34) |
| 47 | CHEMICAL- WATER | Drinking Water | Nitrite as NO2 | IS 3025 (Part 34) |
| 48 | CHEMICAL- WATER | Drinking water | pH | IS 3025 (Part 11) |
| 49 | CHEMICAL- WATER | Drinking Water | Phosphours as PO4 | IS 3025 (Part 31) |
| 50 | CHEMICAL- WATER | Drinking Water | Sulphate as SO4 | APHA 4500-SO4 ;23rd Edition |
| 51 | CHEMICAL- WATER | Drinking water | Temperature | IS 3025 (Part 09) |
| 52 | CHEMICAL- WATER | Drinking water | Temperature | IS 3025 (Part 09) |
| 53 | CHEMICAL- WATER | Drinking water | Total Dissolved Solids | IS 3025 (Part 16) |
| 54 | CHEMICAL- WATER | Drinking water | Total Hardness | IS 3025 (Part 21) |
| 55 | CHEMICAL- WATER | Drinking Water | Total Iron | IS 3025 (Part 53) |
| 56 | CHEMICAL- WATER | Drinking Water | Total Suspended Solids | IS 3025 (Part 17) |
| 57 | CHEMICAL- WATER | Drinking Water | Turbidity | IS 3025 (Part 10) |