# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** GLOBAL TESTING SOLUTIONS, D 175, SECTOR 49, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

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

**Certificate Number** TC-10903 **Page No** 1 of 3

**Validity** 09/08/2022 to 08/08/2024 **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 | Nitrogen Dioxide As NO2 | IS 5182 (Part 6) |
| 2 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | PM 2.5 | CPCB guidelines 2012-13:guidelines for measurement of ambient air pollutions volume-1,4 |
| 3 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | PM10 | IS 5182 (Part 23) |
| 4 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Air | Sulphur Dioxide as SO2 | IS 5182 (Part 2) |
| 5 | CHEMICAL- ATMOSPHERIC POLLUTION | Ambient Noise | Noise Level | IS 9989 |
| 6 | CHEMICAL- ATMOSPHERIC POLLUTION | Source Noise | Noise Level (Diesel Generator) | IS 9989 |
| 7 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Nitrogen Dioxide as NO2 | IS 11255 (Part 7) |
| 8 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Particulate Matter as PM | IS 11255 (Part 1) |
| 9 | CHEMICAL- ATMOSPHERIC POLLUTION | Stack Emission | Sulphur Dioxide as SO2 | IS 11255 (Part 2) |
| 10 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water | Bio-Chemical Oxygen Demand ( at 27 °C for 3 Days) | IS 3025 (Part 44) |
| 11 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water | Chemical Oxygen Demand | IS 3025 (Part 58) |
| 12 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water | Dissolved Oxygen | IS 3025 (Part 38) |
| 13 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water | Oil & Grease | IS 3025(Part 39) |
| 14 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water | pH | IS 3025 (Part 11) |
| 15 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water | Total Dissolved Solids | IS 3025 (Part 16) |
| 16 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water | Total Solids | IS 3025 (Part 15) |
| 17 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water | Total Suspended Solids | IS 3025 (Part 17) |
| 18 | CHEMICAL- WATER | Drinking Water | Calcium( as Ca) | IS 3025 (Part 40) |

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| 19 | CHEMICAL- WATER | Drinking Water | Chloride (as Cl) | IS 3025 (Part 32) |
| 20 | CHEMICAL- WATER | Drinking Water | Colour | IS 3025 (Part 4) |
| 21 | CHEMICAL- WATER | Drinking Water | Electrical Conductivity | IS 3025 (Part 14) |
| 22 | CHEMICAL- WATER | Drinking Water | Magnesium (as Mg) | IS 3025 (Part 46) |
| 23 | CHEMICAL- WATER | Drinking Water | Odour | IS 3025 (Part 5) |
| 24 | CHEMICAL- WATER | Drinking Water | pH | IS 3025 (Part 11) |
| 25 | CHEMICAL- WATER | Drinking Water | Residual free chlorine | IS 3025 (Part 26) |
| 26 | CHEMICAL- WATER | Drinking Water | Sulphate( as SO4) | IS 3025 (Part 24) |
| 27 | CHEMICAL- WATER | Drinking Water | Total Alkalinity (as CaCO3) | IS 3025 (Part 23) |
| 28 | CHEMICAL- WATER | Drinking Water | Total Dissolved Solids | IS 3025 (Part 16) |
| 29 | CHEMICAL- WATER | Drinking Water | Total Hardness (as CaCO3) | IS 3025 (Part 21) |
| 30 | CHEMICAL- WATER | Drinking Water | Total Suspended Solids | IS 3025 (Part 17) |
| 31 | CHEMICAL- WATER | Drinking Water | Turbidity | IS 3025 (Part 10) |
| 32 | CHEMICAL- WATER | Water For Construction Purpose | Amount of 0.02N H2SO4 required to neutralize 100ml sample using mixed indicator(Limits of Alkalinity) | IS 3025 (Part 23) |
| 33 | CHEMICAL- WATER | Water For Construction Purpose | Amount of 0.02N NaOH required to neutralize 100ml sample using phenolphthalein indicator(Limits of Acidity) | IS 3025 (Part 22) |
| 34 | CHEMICAL- WATER | Water For Construction Purpose | Chloride as Cl | IS 3025 (Part 32) |
| 35 | CHEMICAL- WATER | Water For Construction Purpose | pH value | IS 3025 (Part 11) |
| 36 | CHEMICAL- WATER | Water For Construction Purpose | Sulphates as SO3 | IS 3025 (Part 24) |
| 37 | CHEMICAL- WATER | Water For Construction Purpose | Suspended Matter | IS 3025 (Part 17) |
| 38 | CHEMICAL- WATER | Water For Swimming Pool | Aluminum ( as Al) | IS 3025 (Part 55) |
| 39 | CHEMICAL- WATER | Water For Swimming Pool | Chloride ( as Cl ) | IS 3025 (Part 32) |
| 40 | CHEMICAL- WATER | Water For Swimming Pool | Colour, Hazen units | IS 3025 (Part 4) |
| 41 | CHEMICAL- WATER | Water For Swimming Pool | Odour | IS 3025 (Part 5) |
| 42 | CHEMICAL- WATER | Water for Swimming Pool | Oxygen absorbed in 4 hours at 27°C | IS 3025 (Part 63) |
| 43 | CHEMICAL- WATER | Water for Swimming Pool | pH value | IS 3025 (Part 11) |
| 44 | CHEMICAL- WATER | Water For Swimming Pool | Taste | IS 3025 (Part 8) |

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| 45 | CHEMICAL- WATER | Water For Swimming Pool | Total Alkalinity (as CaCO3) | IS 3025 (Part 23) |
| 46 | CHEMICAL- WATER | Water For Swimming Pool | Total Dissolved Solids | IS 3025 (Part 16) |
| 47 | CHEMICAL- WATER | Water For Swimming Pool | Total Residual Chlorine | IS 3025 (Part 26) |
| 48 | CHEMICAL- WATER | Water For Swimming Pool | Turbidity | IS 3025 (Part 10) |