# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** DISTRICT WATER TESTING LABORATORY,PUBLIC HEALTH ENGINEERING DEPARTMENT, GARIABAND, RAWANBHATA, KESHODAR ROAD, GARIABAND, CHHATTISGARH, INDIA

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

**Certificate Number** TC-9590 **Page No** 1 of 1

**Validity** 08/06/2021 to 07/06/2023 **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- WATER | Drinking Water | Calcium (as Ca) | APHA 23rd Edition -3500-Ca Method B (EDTA method) |
| 2 | CHEMICAL- WATER | Drinking Water | Chloride (as Cl) | APHA 23rd Edition -4500-Cl Method B (Argentometric method) |
| 3 | CHEMICAL- WATER | Drinking Water | Colour | APHA 23rd Edition -2120-Colour Method B (Platinum Cobalt Visual Comparison) |
| 4 | CHEMICAL- WATER | Drinking Water | Magnesium (as Mg) | APHA 23rd Edition -3500-Mg Method B (By Calculation) |
| 5 | CHEMICAL- WATER | Drinking Water | Odour | IS 3025 (Part 5) |
| 6 | CHEMICAL- WATER | Drinking Water | pH | APHA 23rd Edition -4500-H+ Method B |
| 7 | CHEMICAL- WATER | Drinking Water | Taste | IS 3025 (Part 8) |
| 8 | CHEMICAL- WATER | Drinking Water | Total Alkalinity (as CaCO3) | APHA 23rd Edition -2320-Alkalinity Method B (Titration method) |
| 9 | CHEMICAL- WATER | Drinking Water | Total Dissolved Solids | APHA 23rd Edition -2540-TDS Method C (Dried at 180 degree Celsius) |
| 10 | CHEMICAL- WATER | Drinking Water | Total Hardness (as CaCO3) | APHA 23rd Edition -2340-Hardness Method C (EDTA method) |
| 11 | CHEMICAL- WATER | Drinking Water | Turbidity | APHA 23rd Edition -2130-Turbidity Method B |