# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** RAMANAGARA DISTRICT WATER QUALITY TESTING LABORATORY, RURAL DRINKING WATER AND SANITATION DEPARTMENT, ZILLA PANCHAYATH BHAWAN, 3RD FLOOR B.M ROAD, RAMANAGARAM, RAMANAGARA, KARNATAKA, INDIA

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

**Certificate Number** TC-9836 **Page No** 1 of 2

**Validity** 08/09/2021 to 07/09/2023 **Last Amended on** 11/03/2023

| 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 | Bore well water / Ground Water | Iron as Fe | IS 3025 (Part 53) |
| 2 | CHEMICAL- WATER | Bore well water/ Ground water | Fluoride as F | APHA 23rd Edition 4500-F:D |
| 3 | CHEMICAL- WATER | Bore well water/Ground Water | Colour | IS 3025 (Part 04) |
| 4 | CHEMICAL- WATER | Bore well water/Ground Water | Calcium as Ca | IS 3025 (Part 40) |
| 5 | CHEMICAL- WATER | Bore well water/Ground Water | Chloride as Cl | IS 3025 (Part 32) |
| 6 | CHEMICAL- WATER | Bore well water/Ground Water | Electrical conductivity @ 25°C | IS 3025 (Part 14) |
| 7 | CHEMICAL- WATER | Bore well water/Ground Water | Magnesium as Mg | IS 3025 (Part 46) |
| 8 | CHEMICAL- WATER | Bore well water/Ground Water | Nitrate as NO3 | APHA 23rd Edition 4500-NO3:B |
| 9 | CHEMICAL- WATER | Bore well water/Ground Water | Odour | IS 3025 (Part 05 & 06) |
| 10 | CHEMICAL- WATER | Bore well water/Ground Water | pH @ 25°C | IS 3025 (Part 11) |
| 11 | CHEMICAL- WATER | Bore well water/Ground Water | Total Alkalinity as CaCO3 | IS 3025 (Part 23) |
| 12 | CHEMICAL- WATER | Bore well water/Ground Water | Total Dissolved Solids | IS 3025 (Part 16) |
| 13 | CHEMICAL- WATER | Bore well water/Ground Water | Total Hardness as CaCO3 | IS 3025 (Part 21) |
| 14 | CHEMICAL- WATER | Bore well water/Ground Water | Turbidity | IS 3025 (Part 10) |
| 15 | CHEMICAL- WATER | Bore well water / Ground water | Sulphate as SO4 | IS:3025 (Part 24) |
| 16 | CHEMICAL- WATER | Drinking Water | Odour | IS 3025 (Part 5) |
| 17 | CHEMICAL- WATER | Drinking Water | Calcium as Ca | IS 3025 (Part40) |
| 18 | CHEMICAL- WATER | Drinking Water | Chloride as Cl | IS 3025(Part 32) |
| 19 | CHEMICAL- WATER | Drinking Water | Colour | IS 3025 (Part 4) |
| 20 | CHEMICAL- WATER | Drinking Water | Electrical conductivity at 25°C | IS 3025 (Part 14) |
| 21 | CHEMICAL- WATER | Drinking Water | Fluoride as F | APHA 23rd Edition 4500-F: D |
| 22 | CHEMICAL- WATER | Drinking Water | Iron as Fe | IS 3025 (Part 53) |
| 23 | CHEMICAL- WATER | Drinking Water | Magnesium as Mg | IS 3025(Part 46) |
| 24 | CHEMICAL- WATER | Drinking Water | Nitrate as NO3 | APHA 23rd Edition 4500-NO3 -B |
| 25 | CHEMICAL- WATER | Drinking Water | pH at 25°C | IS 3025 (Part 11) |
| 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) |

# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** RAMANAGARA DISTRICT WATER QUALITY TESTING LABORATORY, RURAL DRINKING WATER AND SANITATION DEPARTMENT, ZILLA PANCHAYATH BHAWAN, 3RD FLOOR B.M ROAD, RAMANAGARAM, RAMANAGARA, KARNATAKA, INDIA

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

**Certificate Number** TC-9836 **Page No** 2 of 2

**Validity** 08/09/2021 to 07/09/2023 **Last Amended on** 11/03/2023

| 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 |
|---|---|---|---|---|
| 30 | CHEMICAL- WATER | Drinking Water | Turbidity | IS 3025 (Part 10) |
| 31 | CHEMICAL- WATER | Surface water | Colour | IS 3025 (Part 4) |
| 32 | CHEMICAL- WATER | Surface water | Calcium as Ca | IS 3025 (Part40) |
| 33 | CHEMICAL- WATER | Surface water | Chloride as Cl | IS 3025(Part 32) |
| 34 | CHEMICAL- WATER | Surface water | Electrical conductivity at 25°C, | IS 3025 (Part 14) |
| 35 | CHEMICAL- WATER | Surface water | Fluoride as F | APHA 23rd Edition 4500-F: D |
| 36 | CHEMICAL- WATER | Surface water | Iron as Fe | IS 3025 (Part 53) |
| 37 | CHEMICAL- WATER | Surface water | Magnesium as Mg | IS 3025(Part 46) |
| 38 | CHEMICAL- WATER | Surface water | Nitrate as NO3 | APHA 23rd Edition 4500-NO3 -B |
| 39 | CHEMICAL- WATER | Surface water | Odour | IS 3025 (Part 5) |
| 40 | CHEMICAL- WATER | Surface Water | pH at 25°C | IS 3025 (Part 11) |
| 41 | CHEMICAL- WATER | Surface water | Sulphate as SO4 | IS:3025 (Part 24) |
| 42 | CHEMICAL- WATER | Surface water | Total alkalinity as CaCO3 | IS 3025(Part 23) |
| 43 | CHEMICAL- WATER | Surface water | Total Dissolved Solids | IS 3025(Part 16) |
| 44 | CHEMICAL- WATER | Surface water | Total Hardness as CaCO3 | IS 3025(Part 21) |
| 45 | CHEMICAL- WATER | Surface water | Turbidity | IS 3025 (Part 10) |