# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** DISTRICT WATER TESTING LABORATORY, RWSS DIVISION, CUTTACK, 1ST FLOOR, RWSS, SADAR SUB-DIVISION,MAHANADI VIHAR, CUTTACK, ODISHA, INDIA

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

**Certificate Number** TC-9466 **Page No** 1 of 2

**Validity** 26/04/2021 to 25/04/2023 **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 | Chloride as Cl | APHA 23rd Ed.2017-4500 Cl B (Argentometric Method) |
| 2 | CHEMICAL- WATER | Drinking Water | Electrical Conductivity (EC) | APHA 23rd Ed.2017-2510 B |
| 3 | CHEMICAL- WATER | Drinking Water | Iron as Fe | APHA 23rd Ed.2017-3500 Fe B (Phenanthroline Method |
| 4 | CHEMICAL- WATER | Drinking Water | pH | APHA, 23rd Ed.2017-4500+B: |
| 5 | CHEMICAL- WATER | Drinking Water | Temperature | APHA 23rd Ed. 2550 B )Laboratory Method) |
| 6 | CHEMICAL- WATER | Drinking Water | Total Alkalinity as CaCO3 | APHA 23rd Ed. 2017 2320 B (Titration Method) |
| 7 | CHEMICAL- WATER | Drinking Water | Total Hardness as CaCO3 | APHA 23rd Ed. 2017-2340 C (Titrimetric Method) |
| 8 | CHEMICAL- WATER | Drinking Water | Turbidity (NTU) | APHA 23rd Ed.2017-2130 B (Nephelometric Method) |
| 9 | CHEMICAL- WATER | Ground Water | Chloride as Cl | APHA 23rd Ed.2017- 4500 Cl B (Argentometric Method): |
| 10 | CHEMICAL- WATER | Ground Water | Electrical Conductivity (EC) | APHA 23rd Ed.2017- 2510 B |
| 11 | CHEMICAL- WATER | Ground Water | Iron as Fe | APHA 23rd Ed.2017 -3500 Fe B(Phenanthroline Method) |
| 12 | CHEMICAL- WATER | Ground Water | pH | APHA 23rd Ed 2017.- 4500H+ B |
| 13 | CHEMICAL- WATER | Ground Water | Temperature | APHA 23rd Ed. 2550 B (Laboratory Method) |
| 14 | CHEMICAL- WATER | Ground Water | Total Alkalinity as CaCO3 | APHA 23rd Ed. 2017- 2320 B (Titration Method) |
| 15 | CHEMICAL- WATER | Ground Water | Total Hardness as CaCO3 | APHA 23rd Ed.2017-2340 C (Titrimetric Method) |
| 16 | CHEMICAL- WATER | Ground Water | Turbidity(NTU) | APHA 23rd Ed.2017- 2130 B(Nephelometric Method) |
| 17 | CHEMICAL- WATER | Surface Water | Chloride as Cl | APHA 23rd Ed.2017- 4500 Cl B (Argentometric Method) |
| 18 | CHEMICAL- WATER | Surface Water | Electrical Conductivity(EC) | APHA 23rd Ed.2017- 2510 B |
| 19 | CHEMICAL- WATER | Surface Water | Iron as Fe | APHA 23rd Ed.2017 -3500 Fe B(Phenanthroline Method) |
| 20 | CHEMICAL- WATER | Surface Water | pH | APHA 23rd Ed 2017.- 4500H+ B |

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|---|---|---|---|---|
| 21 | CHEMICAL- WATER | Surface Water | Temperature | APHA 23rd Ed. 2550 B (Laboratory Method) |
| 22 | CHEMICAL- WATER | Surface Water | Total Alkalinity as CaCO3 | APHA 23rd Ed. 2017- 2320 B (Titration Method) |
| 23 | CHEMICAL- WATER | Surface Water | Total Hardness as CaCO3 | APHA 23rd Ed.2017-2340 C (Titrimetric Method) |
| 24 | CHEMICAL- WATER | Surface Water | Turbidity (NTU) | APHA 23rd Ed.2017- 2130 B(Nephelometric Method) |