



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name NISARG ENVIRO CONSULTANTS, LABORATORY DIVISION, 103, 401, NIRMAN HOUSE, AHMEDABAD, GUJARAT , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8590 Page No. : 1 / 4

Validity 26/07/2019 to 25/07/2021 Last Amended on -

| S.No | Discipline / Group | Product / Material of Test | Specific Test Performed | Test Method Specification against which tests are performed | Range of Testing/ Limits of Detection |
|---------------------------|----------------------------------|--------------------------------|--|---|---|
| Permanent Facility | | | | | |
| 1 | CHEMICAL-ATMOSPHERIC POLLUTION | Ambient Air | Nitrogen Dioxide as NO ₂ | IS 5182 (Part 6): 2006 RA : 2017 | 6 µg/m ³ to 200 µg/m ³ |
| 2 | CHEMICAL-ATMOSPHERIC POLLUTION | Ambient Air | Particulate Matter (size less than 10 µm) as PM 10 | IS 5182 (Part 23): 2006 RA : 2017 | 10 µg/m ³ to 500 µg/m ³ |
| 3 | CHEMICAL-ATMOSPHERIC POLLUTION | Ambient Air | Sulphur Dioxide as SO ₂ | IS 5182 (Part 2): 2001 RA : 2017 | 6 µg/m ³ to 100 µg/m ³ |
| 4 | CHEMICAL-ATMOSPHERIC POLLUTION | Ambient Noise | Ambient Noise Level Measurement | IS 9989: 1981 RA : 2008 | 30 dB(A) to 130 dB(A) |
| 5 | CHEMICAL-POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | Ammonical Nitrogen as NH ₃ -N | APHA, 23rd Edition, 4500 NH ₃ -B, C: 2017 | 1 mg/L to 500 mg/L |
| 6 | CHEMICAL-POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | Biochemical Oxygen Demand @ 27°C for 3 Days | IS 3025 (Part 44):1993 RA : 2014 | 2 mg/L to 50000 mg/L |
| 7 | CHEMICAL-POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | Chemical Oxygen Demand | IS 3025 (Part 58): 2006 RA : 2017 | 5 mg/L to 100000 mg/L |
| 8 | CHEMICAL-POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | Chloride as Cl | APHA, 23rd Edition 2017/ 4500 Cl- B: 2017 | 5 mg/L to 10000 mg/L |
| 9 | CHEMICAL-POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | Dissolved Oxygen | APHA, 23rd Edition 2017/4500-B & C: 2017 | 1 mg/L to 12 mg/L |



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name NISARG ENVIRO CONSULTANTS, LABORATORY DIVISION, 103, 401, NIRMAN HOUSE, AHMEDABAD, GUJARAT , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8590 Page No. : 2 / 4

Validity 26/07/2019 to 25/07/2021 Last Amended on -

| S.No | Discipline / Group | Product / Material of Test | Specific Test Performed | Test Method Specification against which tests are performed | Range of Testing/ Limits of Detection |
|------|-----------------------------------|--------------------------------|--------------------------------|---|---------------------------------------|
| 10 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | Electrical Conductivity @25° C | APHA, 23rd Edition 2017/2510-B: 2017 | 0.1 mS/cm to 200 mS/cm |
| 11 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | Fluoride as F- | APHA, 23rd Edition 2017/4500-F - - B, D: 2017 | 0.1 mg/L to 10 mg/L |
| 12 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | Hexavalent Chromium as Cr+6 | APHA, 23rd Edition 2017/3500 Cr B: 2017 | 0.2 mg/L to 20 mg/L |
| 13 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | Iron as Fe | APHA, 23rd Edition, 3500 Fe- B: 2017 | 0.5 mg/L to 50 mg/L |
| 14 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | Oil & Grease | APHA, 23rd Edition, 5520 B: 2017 | 1 mg/L to 1000 mg/L |
| 15 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | pH at 25 °C | APHA, 23rd Edition, 4500 H+ B: 2017 | 2 to 12 |
| 16 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | Potassium as K | APHA, 23rd Edition, 3500 K B: 2017 | 5 mg/L to 1000 mg/L |
| 17 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | Sodium as Na | APHA, 23rd Edition, 3500 Na -B: 2017 | 5 mg/L to 1000 mg/L |
| 18 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | Sulphate as SO ₄ | APHA, 23rd Edition, 4500 SO ₄ - -: 2017 | 5 mg/L to 10000 mg/L |
| 19 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | Temperature | APHA, 23rd Edition, 2550 B: 2017 | 20 °C to 50 °C |



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name NISARG ENVIRO CONSULTANTS, LABORATORY DIVISION, 103, 401, NIRMAN HOUSE, AHMEDABAD, GUJARAT , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8590 Page No. : 3 / 4

Validity 26/07/2019 to 25/07/2021 Last Amended on -

| S.No | Discipline / Group | Product / Material of Test | Specific Test Performed | Test Method Specification against which tests are performed | Range of Testing/ Limits of Detection |
|------|-----------------------------------|---|----------------------------------|---|---------------------------------------|
| 20 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | Total Dissolved Solids | APHA, 23rd Edition, 2540 C: 2017 | 5 mg/L to 50000 mg/L |
| 21 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | Total Solids | APHA, 23rd Edition, 2540 B: 2017 | 5 mg/L to 50000 mg/L |
| 22 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | Total Suspended Solids | APHA, 23rd Edition, 2540 D: 2017 | 5 mg/L to 10000 mg/L |
| 23 | CHEMICAL- POLLUTION & ENVIRONMENT | Waste Water/ (Effluent/Sewage) | Turbidity | APHA, 23rd Edition, 2130 B: 2017 | 5 NTU to 1000 NTU |
| 24 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | Calcium as Ca | APHA, 23rd Edition, 3500 Ca- B: 2017 | 1 mg/L to 1000 mg/L |
| 25 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | Chloride as Cl | APHA, 23rd Edition, 4500 Cl- B: 2017 | 1 mg/L to 2000 mg/L |
| 26 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | Dissolved Oxygen (DO) | APHA, 23rd Edition, 4500 B & C: 2017 | 1 mg/L to 10 mg/L |
| 27 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | Electrical Conductivity at 25 °C | APHA, 23rd Edition, 2510 B: 2017 | 0.1 mS/cm to 200 mS/cm |
| 28 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | Fluoride as F- | APHA, 23rd Edition, 4500 F - - B, D: 2017 | 0.1 mg/L to 10 mg/L |
| 29 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | Hexavalent Chromium as Cr+6 | APHA, 23rd Edition, 3500 Cr B: 2017 | 0.2 mg/L to 20 mg/L |
| 30 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | Iron as Fe | APHA, 23rd Edition, 3500 Fe- B: 2017 | 0.1 mg/L to 50 mg/L |
| 31 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | Magnesium as Mg | APHA, 23rd Edition, 3500 Mg-B: 2017 | 1 mg/L to 1000 mg/L |



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name NISARG ENVIRO CONSULTANTS, LABORATORY DIVISION, 103, 401, NIRMAN HOUSE, AHMEDABAD, GUJARAT , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8590 Page No. : 4 / 4

Validity 26/07/2019 to 25/07/2021 Last Amended on -

| S.No | Discipline / Group | Product / Material of Test | Specific Test Performed | Test Method Specification against which tests are performed | Range of Testing/ Limits of Detection |
|------|--------------------|---|---------------------------|---|---------------------------------------|
| 32 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | pH at 25 °C | APHA, 23rd Edition, 4500 H+ B: 2017 | 2 to 12 |
| 33 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | Potassium as K | APHA, 23rd Edition, 3500 K B: 2017 | 2 mg/L to 500 mg/L |
| 34 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | Sodium as Na | APHA, 23rd Edition, 3500 Na -B: 2017 | 5 mg/L to 1000 mg/L |
| 35 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | Sulphate as SO4 | APHA, 23rd Edition, 4500 SO4- -: 2017 | 1 mg/L to 1000 mg/L |
| 36 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | Temperature | APHA, 23rd Edition, 2550 B: 2017 | 20 °C to 50 °C |
| 37 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | Total Alkalinity as CaCO3 | APHA, 23rd Edition, 2320 B: 2017 | 5 mg/L to 1000 mg/L |
| 38 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | Total Dissolved Solids | APHA, 23rd Edition, 2540 C: 2017 | 5 mg/L to 6000 mg/L |
| 39 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | Total Hardness as CaCO3 | APHA, 23rd Edition, 2340 C: 2017 | 1 mg/L to 2000 mg/L |
| 40 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | Total Solids | APHA, 23rd Edition, 2540 B: 2017 | 5 mg/L to 6000 mg/L |
| 41 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | Total Suspended Solids | APHA, 23rd Edition, 2540 D: 2017 | 5 mg/L to 500 mg/L |
| 42 | CHEMICAL- WATER | Drinking Water/ Ground Water/ Surface Water | Turbidity | APHA, 23rd Edition, 2130 B: 2017 | 1 NTU to 1000 NTU |