National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MIDDLE GANGA DIVISIONAL WATER QUALITY LABORATORY, JAL TARANG BHAWAN, PRATAPBAGH, SECTOR-F, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9126 **Page No** 1 of 1

Validity 14/01/2023 to 13/01/2025 **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	River Water	Bio-Chemical Oxygen Demand	APHA23 rd Edn.2017–5210 B (@200C; 5 day BOD Test Method)
2	CHEMICAL- WATER	River Water	Calcium as Ca	APHA23 rd Edn.2017--3500Ca - B (EDTA Titrimetric Method)
3	CHEMICAL- WATER	River Water	Chloride as Cl	APHA23 rd Edn.2017-4500Cl- B (Argentometric Method)
4	CHEMICAL- WATER	River Water	Conductivity	APHA23 rd Edn.2017–2510 B (Laboratory Method)
5	CHEMICAL- WATER	River Water	Dissolved Oxygen	APHA23 rd Edn.2017–4500, O-C (Azide Modification Method)
6	CHEMICAL- WATER	River Water	Fluoride as F	APHA23 rd Edn.2017--4500 F-C (ISE method)
7	CHEMICAL- WATER	River Water	Magnesium as Mg	APHA23 rd Edn.2017--3500Mg - B (Calculation Method)
8	CHEMICAL- WATER	River Water	Nitrate as NO3	APHA23 rd Edn.2017--4500 NO3- D (Nitrate Electrode Method)
9	CHEMICAL- WATER	River Water	pH	APHA23rd Edn.2017--4500H+ B (Electrometric Method)
10	CHEMICAL- WATER	River Water	Potassium as K	APHA23 rd Edn.2017–3500 K-D (Flame Emission Photometric Method)
11	CHEMICAL- WATER	River Water	Sodium as Na	APHA23 rd Edn.2017–3500 Na-B (Flame Emission Photometric Method)
12	CHEMICAL- WATER	River Water	Sulphate as SO4	APHA23 rd Edn.2017–4500 E (Turbidimetric Method)
13	CHEMICAL- WATER	River Water	Total Alkalinity as CaCO3	APHA23 rd Edn.2017–2320 B (Titration Method)
14	CHEMICAL- WATER	River Water	Total Hardness as CaCO3	APHA23 rd Edn.2017–2340 C (EDTA Titrimetric Method)