National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INDUS BASIN RIVER WATER QUALITY LABORATORY(IBRWQL), CENTRAL WATER COMMISSION,JAL AYOG BHAWAN, JAMMU, JAMMU AND KASHMIR, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9038 **Page No** 1 of 1

Validity 30/12/2022 to 29/12/2024 **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	Surface Water	Biological Oxygen Demand(mg/l)	APHA 23rd Edn. 5210 B@20 degree centigrade 5days BOD
2	CHEMICAL- WATER	Surface Water	Calcium as Ca(mg/l)	APHA 23rd Edn.3500 Ca-B(EDTA Titrimetric Method)
3	CHEMICAL- WATER	Surface Water	Chloride as Cl (mg/l)	APHA 23rd Edn.4500 Cl B(Argentometric Method)
4	CHEMICAL- WATER	Surface Water	Conductivity	APHA 23rd Edn.2510 B (Laboratory Method)
5	CHEMICAL- WATER	Surface Water	Dissolved Oxygen(mg/l)	APHA 23rd Edn.4500 O-C(Azide Modification Method)
6	CHEMICAL- WATER	Surface Water	magnesium as Mg(mg/l)	APHA 23rd Edn.3500 Mg-B(Calculation Method)
7	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edn.4500 B(Electrometric Method)
8	CHEMICAL- WATER	Surface Water	Potassium as K(mg/l)	APHA 23rd Edn.3500 K-D(Flame Photometric Method)
9	CHEMICAL- WATER	Surface Water	Sodium as Na(mg/l)	APHA 23rd Edn.3500 Na-B(Flame Emission Photometric Method)
10	CHEMICAL- WATER	Surface Water	Sulphate as SO4(mg/l)	APHA 23rd Edn.4500 E(Turbidimetric Method)
11	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3(mg/l)	APHA 23rd Edn.2320 B(Titration Method)
12	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3 mg/l	APHA 23rd Edn.2340 C (EDTA Titrimetric Method)