National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : REGIONAL CHEMICAL LABORATORY, CENTRAL GROUND WATER BOARD, NR, BHUJAL BHAWAN, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6705 **Page No** 1 of 2

Validity 20/04/2022 to 19/04/2024 **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- RESIDUES IN WATER	Ground Water	Arsenic	APHA 23rd Ed. 3125 B ICP-MS Method
2	CHEMICAL- RESIDUES IN WATER	Ground Water	Chromium	APHA 23rd Ed. 3125 B ICP-MS Method
3	CHEMICAL- RESIDUES IN WATER	Ground Water	Copper	APHA 23rd Ed. 3111 B Air-Acetylene Flame Method
4	CHEMICAL- RESIDUES IN WATER	Ground Water	Iron	APHA 23rd Ed. 3125 B ICP-MS Method
5	CHEMICAL- RESIDUES IN WATER	Ground Water	Lead	APHA 23rd Ed. 3125 B ICP-MS Method
6	CHEMICAL- RESIDUES IN WATER	Ground Water	Manganese	APHA 23rd Ed. 3125 B ICP-MS Method
7	CHEMICAL- RESIDUES IN WATER	Ground Water	Uranium	APHA 23rd Ed. 3125 B ICP-MS Method
8	CHEMICAL- RESIDUES IN WATER	Ground Water	Zinc	APHA 23rd Ed. 3125 B ICP-MS Method
9	CHEMICAL- WATER	Ground Water	Bicarbonate	APHA 23rd Ed. 2320 B Titration Method
10	CHEMICAL- WATER	Ground Water	Calcium Hardness	APHA 23rd Ed. 3500-Ca B EDTA Titrimetric Method
11	CHEMICAL- WATER	Ground Water	Carbonate	APHA 23rd Ed. 2320 B Titration Method
12	CHEMICAL- WATER	Ground Water	Chloride	APHA 23rd Ed. 2320 B Titration Method
13	CHEMICAL- WATER	Ground Water	Conductivity at 25 Deg. C	APHA 23rd Ed. 2510 B Laboratory Method
14	CHEMICAL- WATER	Ground Water	Fluoride	USGS Zirconium-eriochrome Cyanine R Method
15	CHEMICAL- WATER	Ground Water	Magnesium Hardness	APHA 23rd Ed. 3500-Mg B Calculation Method
16	CHEMICAL- WATER	Ground Water	Nitrate	APHA 23rd Ed. 4500-NO3 B Ultraviolet Spectrophotometric Method
17	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Ed. 4500-H B Electrometric Method
18	CHEMICAL- WATER	Ground Water	Phosphate	APHA 23rd Ed. 4500-P E Ascorbic Acid Method

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19	CHEMICAL- WATER	Ground Water	Potassium	APHA 23rd Ed. 3500-K B Flame Photometric Method
20	CHEMICAL- WATER	Ground Water	Silica	APHA 23rd Ed. 4500-SiO2 C Molybdosilicate Method
21	CHEMICAL- WATER	Ground Water	Sodium	APHA 23rd Ed. 3500-Na B Flame Photometric Method
22	CHEMICAL- WATER	Ground Water	Sulphate	APHA 23rd Ed. 4500-SO4 E Turbidimetric Method
23	CHEMICAL- WATER	Ground Water	Total Hardness	APHA 23rd Ed. 2340 C EDTA Titrimetric Method