National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : KALYANI STATE REFERRAL LABORATORY, HARINGHATA WATER TREATMENT PLANT, NADIA, KALYANI, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11769 **Page No** 1 of 2

Validity 15/06/2023 to 01/08/2023 **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	Calcium (as Ca)	APHA 23rd Edition -3500-Ca Method B (EDTA Method)
2	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	IS 3025 (Part 40)
3	CHEMICAL- WATER	Drinking Water	Chloride	APHA 23rd Edition -4500-Cl Method B (Argentometric Method)
4	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part 32) (Argentometric Method)
5	CHEMICAL- WATER	Drinking Water	Colour	APHA 23rd Edition -2120 Colour Method B(Platinum Cobalt Visual Comparison)
6	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
7	CHEMICAL- WATER	Drinking Water	Copper	APHA 23rd Edition -3111 B (Air Acetylene Flame Method)
8	CHEMICAL- WATER	Drinking Water	Magnesium	APHA 23rd Edition -3500-Mg B (Calculation Method)
9	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 (Part 46)
10	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
11	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition -4500-H+ Method B
12	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11) (Electrometric Method)
13	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS 3025 (Part 26) (Iodometric Method)
14	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 8)
15	CHEMICAL- WATER	Drinking Water	Total Alkalinity	APHA 23rd Edition -2320 Alkalinity Method B (Titration Method)
16	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 (Part 23) (Indicator Method)
17	CHEMICAL- WATER	Drinking Water	Total Arsenic	APHA 23rd Edition -3114 C (Continuous Hydride Generator Method)
18	CHEMICAL- WATER	Drinking Water	Total Arsenic	IS 3025 (Part 37) (Silver Diethyl Dithio-Carbamate Method)

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19	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 23rd Edition -2540 TDS Method C (Dried at 180 Degree Celsius)
20	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
21	CHEMICAL- WATER	Drinking Water	Total Hardness	APHA 23rd Edition -2340 Hardness Method C (EDTA Method)
22	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 (Part 21) (EDTA Titrimetric Method)
23	CHEMICAL- WATER	Drinking Water	Total Iron	APHA 23rd Edition -3111 B (Air Acetylene Flame Method)
24	CHEMICAL- WATER	Drinking Water	Total Iron	IS 3025 (Part 53)
25	CHEMICAL- WATER	Drinking Water	Total Manganese	APHA 23rd Edition -3111 B (Air Acetylene Flame Method)
26	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition -2130 Turbidity Method
27	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10) (Nephelometric Turbidity Method)