National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DAKSHIN RAIPUR WATER TREATMENT PLANT LABORATORY , PUBLIC HEALTH ENGINEERING DEPARTMENT, DAKSHIN RAIPUR, NODAKHALI, BUDGE BUDGE II, 24 PARGANAS (S), WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9790 **Page No** 1 of 2

Validity 23/08/2021 to 22/08/2023 **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	Alkalinity (as CaCO3)	IS 3025 (Part 23): Indicator Method Reaffirmed (Part 23)
2	CHEMICAL- WATER	Drinking Water	Arsenic (as As)	3114 C APHA, 23rdEdition Continuous Hydride Generation/Atomic Absorption Spectrometric Method
3	CHEMICAL- WATER	Drinking Water	Arsenic (as As)	3120 BAPHA, 23rd Edition ICP-OES:
4	CHEMICAL- WATER	Drinking Water	Arsenic (as As)	IS : 3025 (Part 37): Silver Diethyl Dithiocarbamate method
5	CHEMICAL- WATER	Drinking Water	Chloride (as Cl)	IS 3025 (Part 32): Argentometric Method
6	CHEMICAL- WATER	Drinking Water	Colour	IS:3025 (PART-4)
7	CHEMICAL- WATER	Drinking Water	Copper (as Cu)	3111 B APHA, 23rd Edition : Direct Air-Acetylene Flame Method (AAS)
8	CHEMICAL- WATER	Drinking Water	Copper (as Cu)	3120 B APHA, 23rd Edition ICP-OES
9	CHEMICAL- WATER	Drinking Water	Fluoride (as F)	4500-F C. Ion selective Electrode Method APHA 23rd Edition
10	CHEMICAL- WATER	Drinking Water	Iron (as Fe)	3111 B APHA, 23rd Edition : Direct Air-Acetylene Flame Method (AAS)
11	CHEMICAL- WATER	Drinking Water	Iron (as Fe)	3120B APHA, 23rd Edition ICP-OES
12	CHEMICAL- WATER	Drinking Water	Iron (as Fe)	IS 3025 (Part 53): 1-10 Phenanthroline Method
13	CHEMICAL- WATER	Drinking Water	Lead (as Pb)	3120 B APHA, 23rd Edition ICP-OES
14	CHEMICAL- WATER	Drinking Water	Manganese (as Mn)	3111 B APHA, 23rd Edition Direct Air-Acetylene Flame Method (AAS)
15	CHEMICAL- WATER	Drinking Water	Manganese (as Mn)	3120B APHA, 23rd Edition ICP-OES
16	CHEMICAL- WATER	Drinking Water	Nickel (as Ni)	3120 B APHA, 23rd Edition ICP-OES

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17	CHEMICAL- WATER	Drinking Water	Odour	IS:3025 (PART-5)
18	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11): Electrometric method
19	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS 3025 (Part 26): Iodometric Method
20	CHEMICAL- WATER	Drinking Water	Taste	IS:3025 (PART-7)
21	CHEMICAL- WATER	Drinking Water	Total Chromium (as Cr)	3120 B APHA, 23rd Edition ICP-OES
22	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16):
23	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCO3)	IS 3025 (Part 21): EDTA Titrimetric Method
24	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10): Nephelometric Turbidity Meter
25	CHEMICAL- WATER	Drinking Water	Zinc (as Zn)	3111 B APHA, 23rd Edition : Direct Air-Acetylene Flame Method (AAS)
26	CHEMICAL- WATER	Drinking Water	Zinc (as Zn)	3120 B APHA, 23rd Edition ICP-OES