National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	MANGAL PANDAY WTP WATER TESTING LABORATORY, MANGAL PANDAY WATER TREATMENT PLANT CAMPUS, BARRACKPORE, 24 PARGANAS (N), WEST BENGAL, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8618	**Page No**	1 of 1
Validity	14/08/2021 to 13/08/2023	**Last Amended on**	27/08/2021

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	IS 3025 (Part 23) Indicator Method
2	CHEMICAL- WATER	Drinking Water	Arsenic	IS 3025 (Part 37) Silver Diethyl Dithiocarbamate Method
3	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part 32) Argentometric Method
4	CHEMICAL- WATER	Drinking Water	Copper	3111 B, APHA, 23rd Edition air acetylene flame method
5	CHEMICAL- WATER	Drinking water	Iron	IS 3025 (Part 53) 1-10 Phenanthroline Method
6	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11) Electrometric Method
7	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS 3025 (Part 26) Iodometric Method
8	CHEMICAL- WATER	Drinking Water	Total Arsenic	3111 B, APHA, 23rd Edition Continuos Hydride Generator Method
9	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16) Gravimetric Method
10	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 (Part 21) EDTA Titrimetric Method
11	CHEMICAL- WATER	Drinking Water	Total Iron	3111 B, APHA, 23rd Edition air acetylene flame method:
12	CHEMICAL- WATER	Drinking Water	Total Manganese	3111 B, APHA, 23rd Edition air acetylene flame method:
13	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10) Nephelometric Turbidity Method