



CERTIFICATE OF ACCREDITATION

This is to certify that

***WATER QUALITY LABORATORY OF
CENTRAL WATER AUTHORITY***

Testing Laboratory No. T017

is accredited by the ***Mauritius Accreditation Service (MAURITAS)***
for the following Testing fields:

CHEMICAL

and

BIOLOGICAL

as per scope of schedule of accreditation

THIS LABORATORY MEETS THE REQUIREMENTS OF ISO/IEC 17025:2017

This accreditation demonstrates technical competency for a defined scope and the operation of a laboratory quality management system and shall remain in force subject to continuing compliance with MAURITAS accreditation criteria, ISO/IEC 17025:2017 and any further requirements specified by MAURITAS

Issue Date: 03 May 2020


Director of MAURITAS

This certificate is valid only when accompanied by its schedule of Accreditation.



Schedule of Accreditation
Laboratory No: T017
(accredited to ISO/IEC 17025:2017)

Permanent Address of laboratory:

Central Water Authority
 Head Office, St Paul
 Phoenix

Postal Address:

Central Water Authority
 Head Office, St Paul
 Phoenix

Tel No.: (230) 601 5000

Fax No.: (230) 686 6264

E-mail: cwa@bow.intnet.mu

Technical Signatories:

For Chemical:

Mr. Nizam Jeeawody., Mr.

Dharmyashdeo Meetooah

Excluding Sodium, Total Organic Carbon

Mrs. Jhotee Ramguttee, Mrs. Artee

Paupiah, Mrs. Tejaswatee Devi Balloo,

Ms. Vandana Seeburrun, Ms. Bibi Aisha

Yasmeen Ibrahim, Mrs. Asha Mistry,

Mrs. Sweta Gunga Jhowry, Ms. Keshini

Cuniah

Excluding Sodium

Mr. Mohun Ballah

For Biological:

Mrs. Anjelee Ragoobur, Ms. Cheetra Devi

Emrith

Issue No: 04


Expiry Date: 02 May 2024

	<i>Items, Materials or Products Tested</i>	<i>Types of tests/Properties Measured Range of Measurement</i>	<i>Specification/Standard methods or techniques used</i>
I.	Chemical		
1.	Water and Effluent	pH	APHA Method 4500-H ⁺ :2017
		Conductivity	APHA Method 2510 b:2017
		Turbidity	APHA Method 2130B:2017 Nephelometric Method
		Sulphate	Hach Method 8051;USEPA Approved:2005
		Chloride	APHA Method 4500-Cl ⁻ B:2017
		Nitrate	APHA Method 4500 NO ³ -B:2017
		Nitrite	Hach Method 8507;USEPA Approved:2005
		Chemical Oxygen Demand	Hach Method 8000,USEPA Approved:2005

2.	Water	Ammonia	Hach Method 8155;USEPA Approved:2005
		Total Reactive Phosphorus	Hach Method 8048; USEPA Approved:2005; Equivalent to APHA Method 4500 :2017
		Potassium	APHA Method 3500 K B:2017
		Apparent Colour	Hach Method 8025:2005;Adapted from APHA:2017
		Total Dissolved Solids	APHA Method 2510 B:2017
		Total Hardness	APHA Method 2340-C:2017
		Calcium Hardness	APHA Method 3500-Ca B:2017
		Magnesium Hardness	APHA Method 3500-Mg:2017 By Calculation
		Calcium	APHA Method 3500-Ca:2017 By Calculation
		Magnesium	APHA Method 3500-Mg:2017 By Calculation
		Total Organic Carbon	APHA Method 5310 B:2017 – Total Organic Carbon Analyser
		Sodium	ASTM D6919-03:2003 – Ion Chromatography
II. Biological			
1.	Potable Water	Detection and Enumeration of Coliform Organisms and <i>E.coli</i>	APHA Method 9221 B:2017 & APHA Method 9221 F:2017
		Enumeration of <i>E.coli</i> and Coliform bacteria – Most Probable Number	ISO 9308-2:2012

Issued by the Mauritius Accreditation Service (MAURITAS)

Date: 31 August 2022



 Director of MAURITAS