



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

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 17025:2005 and any further requirements specified by MAURITAS

Issue Date: 03 May 2016

Director of MAURITAS

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



Schedule of Accreditation
Laboratory No: **T017**

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:

Mrs. Sweta Gunga Jhowry, Mrs. Jhotee Ramguttee, Mrs. Artee Paupiah, Mrs. Tejaswatee Devi Balloo, Mr. Mohun Ballah, Ms. Vandana Seeburrin, Mr. Nizam Jeeawody, Ms. Bibi Aisha Yasmeen Ibrahim, Mr. Dharmyashdeo Meetooah, Ms. Keshini Cuniah, Mrs. Asha Mistry

For Biological:

Mrs. Anjeelee Ragoobur, Ms. Cheetra Devi Emrith, Ms. Bibi Aisha Yasmeen Ibrahim

Issue No: 03

Expiry Date: 02 May 2020

	<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 Conductivity Turbidity Sulphate Chloride Nitrate	APHA Method 4500-H ⁺ :2012 APHA Method 2510 b:2012 APHA Method 2130B:2012 Nephelometric Method Hach Method 8051;USEPA Approved:2005 APHA Method 4500-Cl ⁻ B:2012 APHA Method 4500 NO ³⁻ B:2012

2.	Water	Nitrite	Hach Method 8507;USEPA Approved:2005
		Chemical Oxygen Demand	Hach Method 8000,USEPA Approved:2005
		Ammonia	Hach Method 8155;USEPA Approved:2005
		Total Reactive Phosphorus	Hach Method 8048; USEPA Approved:2005; Equivalent to APHA Method 4500 :2012
		Potassium	APHA Method 3500 K B:2012
		Apparent Colour	Hach Method 8025:2005;Adapted from APHA:2012
		Total Dissolved Solids	APHA Method 2510 B:2012
		Total Hardness	APHA Method 2340-C:2012
		Calcium Hardness	APHA Method 3500-Ca B:2012
		Magnesium Hardness	APHA Method 3500-Mg:2012 By Calculation
		Calcium	APHA Method 3500-Ca:2012 By Calculation
Magnesium	APHA Method 3500-Mg:2012 By Calculation		
		Total Organic Carbon	APHA Method 5310 B:2012
II.	Biological		
1.	Potable Water	Detection and Enumeration of Coliform Organisms and Presumptive <i>E.coli</i>	Multiple Tube (MPN) Method, ISO Method 9308-2: 1990, First Edition

Issued by the Mauritius Accreditation Service (MAURITAS)

Date: 06 February 2017

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Director of MAURITAS