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CERTIFICATE OF ACCREDITATION

This is to certify that

**WASTEWATER LABORATORY
OF THE
WASTEWATER MANAGEMENT AUTHORITY**

Testing Laboratory No.: T009

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

CHEMICAL

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 June 2022

Director of MAURITAS

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



Schedule of Accreditation
Laboratory No.: T009
(accredited to ISO/IEC 17025:2017)

Permanent Address of laboratory:

Wastewater Laboratory
 1st Floor, National Laboratories
 Complex
 Reduit

Fax No.: (230) 466 2320

E-mail: r.joysury@wma.intnet.mu

Postal Address:

Wastewater Laboratory
 1st Floor, National Laboratories
 Complex
 Reduit

Technical Signatories:

Mrs. Ranjeeta Joysury
 Mrs. Sunita Balgobin
 Miss Padmita Vinesha Bissoondeal

Issue No: 02

Expiry Date: 02 June 2026

Tel No.: (230) 466 7131

	<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.	Wastewater	Ammoniacal Nitrogen	Flow Injection Analysis – AN 5220 Acc to ISO 11732:2005
		Chemical Oxygen Demand	Closed Reflux, HMSO
		Chloride	Mercuric Nitrate Titrimetric Method, HMSO
		Conductivity	Based on APHA 24Ed 2520B
		Nitrate as N	Flow Injection Analysis (Nitrite, Sum of Nitrate & Nitrite) AN 5200 & AN 5201 Acc to ISO 13395:1996
		Nitrite	Flow Injection Analysis – AN 5200 Acc to ISO 13395:1996
		Orthophosphate	Flow Injection Analysis – AN 5240 Acc to ISO 15681-1:2003
		pH	pH Meter based on APHA 24Ed 4500-H ⁺

	Sum of Nitrate and Nitrite	Flow Injection Analysis – AN 5201 Acc to ISO 13395:1996
	Total Suspended Solids	Glass Fibre Filtration (Dried at 103-105°C) – APHA 24Ed 2540D
	Total Phosphorus	Flow Injection Analysis – AN 5241 Acc to ISO 15681-1:2003
	Sulphate	Sulfaver 4 Method – HACH DR/890 Colorimeter
	Sodium	Flame Photometer, Model 420 Based on APHA 24Ed 3500 NaB Flame Emission Photometric Method
	Biochemical Oxygen Demand	Five Day Test, HMSO, 2 nd Edition, 1988
	Copper, Iron, Manganese Nickel, Zinc, Cobalt, Lead, Cadmium	Digestion by APHA 3030E Flame AAS – Direct Air Acetylene, APHA 24Ed 3111B
	Total Chromium, Aluminium	Digestion by APHA 3030E Flame AAS – Direct Nitrous Oxide, APHA 24Ed 3111D

Issued by the Mauritius Accreditation Service (MAURITAS)

Date: 28 February 2024

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Director of MAURITAS