



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
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Reduit

Technical Signatories:

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

Issue No: 03

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		
A.	Wastewater	1. Ammoniacal Nitrogen 2. Chemical Oxygen Demand 3. Chloride 4. Conductivity 5. Nitrate as N 6. Nitrite 7. Orthophosphate 8. pH	Flow Injection Analysis – AN 5220 Acc to ISO 11732:2005 Closed Reflux, HMSO Mercuric Nitrate Titrimetric Method, HMSO Based on APHA 24Ed 2520B Flow Injection Analysis (Nitrite, Sum of Nitrate & Nitrite) AN 5200 & AN 5201 Acc to ISO 13395:1996 Flow Injection Analysis – AN 5200 Acc to ISO 13395:1996 Flow Injection Analysis – AN 5240 Acc to ISO 15681-1:2003 pH Meter based on APHA 24Ed 4500-H ⁺

		9. Sum of Nitrate and Nitrite	Flow Injection Analysis – AN 5201 Acc to ISO 13395:1996
		10. Total Suspended Solids	Glass Fibre Filtration (Dried at 103-105°C) – APHA 24Ed 2540D
		11. Total Phosphorus	Flow Injection Analysis – AN 5241 Acc to ISO 15681-1:2003
		12. Sulphate	Sulfaver 4 Method – HACH DR/890 Colorimeter
		13. Sodium	Flame Photometer, Model 420 Based on APHA 24Ed 3500 NaB Flame Emission Photometric Method
		14. Biochemical Oxygen Demand	Five Day Test, HMSO, 2 nd Edition, 1988
		15. Copper, Iron, Manganese Nickel, Zinc, Cobalt, Lead, Cadmium	Digestion by APHA 3030E Flame AAS – Direct Air Acetylene, APHA 24Ed 3111B
		16. Total Chromium, Aluminium	Digestion by APHA 3030E Flame AAS – Direct Nitrous Oxide, APHA 24Ed 3111D
		17. Total Kjeldahl Nitrogen (TKN)	Based on APHA 4500 - Norg-B using TKN VELP Scientifica Automatic System

Issued by the Mauritius Accreditation Service (MAURITAS)

Date: 19 March 2025

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Director of MAURITAS