



## **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 17025:2005**

*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 June 2018

Director of MAURITAS

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



**Schedule of Accreditation  
Laboratory No.: T009**

**Permanent Address of laboratory:**

Wastewater Laboratory  
1<sup>st</sup> Floor, National Laboratories  
Complex  
Reduit

**Fax No.:** (230) 466 2320

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

**Postal Address:**

Wastewater Laboratory  
1<sup>st</sup> Floor, National Laboratories  
Complex  
Reduit

**Technical Signatories:**

Mrs. Ranjeeta Joysury  
Mrs. Sunita Balgobin

**Issue No:** 01

**Expiry Date:** 02 June 2022

**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>
<b>I.</b>	<b>Chemical</b>		
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 23e 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 23e 4500-H <sup>+</sup>

		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 23e 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 3500-Na B Flame Emission Photometric Method
		Biochemical Oxygen Demand	Five Day Test, HMSO, 2 <sup>nd</sup> Edition, 1988
		Copper, Iron, Manganese, Nickel, Zinc, Cobalt, Lead, Cadmium	Digestion by APHA 3030E Flame AAS – Direct Air Acetylene, APHA 23e 3111B
		Total Chromium, Aluminium	Digestion by APHA 3030E Flame AAS – Direct Nitrous Oxide, APHA 23e 3111D

Issued by the Mauritius Accreditation Service (MAURITAS)

Date: 03 June 2018

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Director of MAURITAS