



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

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: 03rd June 2014

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
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

Issue No: 04

Expiry Date: 02 June 2018

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 22e 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 22e 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 22e 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
		Copper, Iron, Manganese, Nickel, Zinc, Cobalt, Lead, Cadmium	Digestion by APHA 3030E Flame AAS – Direct Air Acetylene, APHA 22e 3111B
		Total Chromium, Aluminium	Digestion by APHA 3030E Flame AAS – Direct Nitrous Oxide, APHA 22e 3111D

Issued by the Mauritius Accreditation Service (MAURITAS)

Date: 21 April 2017

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Director of MAURITAS