



Valid from 12 April 2017
to 11 April 2020
Issued on 12 April 2017

As an accredited laboratory, this laboratory is entitled to use the following accreditation symbol.



ISO/ IEC 17025
TL 058-01

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: TL 058-01

Environmental Laboratory & Consultancy Servics (ELCS)
889 1/3, Maradana Road
Punchi Borella, Colombo 10

Scope of Accreditation: Performing Chemical tests on Raw water / Potable water, Wastewater and Wastewater sampling as per APHA methods

The laboratory is accredited for the tests as given in page 02.

SI No	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
01	Raw Water Portable Water	Sampling (Except deep water sampling)	APHA 1060 A, B & C, 22 nd Edition	-
		Alkalinity	APHA 2320 B, 22 nd Edition	2 - 20 mg/l
		Chemical Oxygen Demand	APHA 5220 D, 22 nd Edition	2 mg/l
		Biochemical Oxygen Demand	APHA 5210 B, 22 nd Edition	1 mg/l
		Electrical Conductivity	APHA 2510 B, 22 nd Edition	1µS/cm
		Hardness	APHA 2340 C, 22 nd Edition	2 mg/l
		Chloride	APHA 4500 XB, 22 nd Edition	0.02 mg/l
		pH	APHA 4500 B, 22 nd Edition	1 - 14
		Temperature	APHA 2550 B, 22 nd Edition	0 – 60 ° C
		Total Dissolved Solids	APHA 2540 C, 22 nd Edition	1 mg/l
		Total Suspended Solids	APHA 2540 D, 22 nd Edition	1 mg/l
		Turbidity	APHA 2130, 22 nd Edition	0.1 - 999 NTU
		Dissolved Oxygen	APHA 4500 OA & 5210 B, 22 nd Edition	0.1 mg/l
Oil and Grease	APHA 5520 B, 22 nd Edition	0.1 mg/l		
02	Field Tests	pH	APHA 4500 B, 22 nd Edition	1 - 14
		Temperature	APHA 2550 B, 22 nd Edition	0 – 60 ° C
03	Wastewater	Chemical Oxygen Demand	APHA 5220 B, 22 nd Edition	2 mg/l
		Biochemical Oxygen Demand	APHA 5210 B, 22 nd Edition	1 mg/l
		Total Suspended Solids	APHA 2540 D, 22 nd Edition	1 mg/l
		Oil & Grease	APHA 5520 B, 22 nd Edition	0.1 mg/l