



Valid from 15 June 2019
to 30 November 2020
Issued on 07 August 2019

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



ISO/IEC 17025
TL 060-01

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment
Accreditation Number: TL 060-01

Environmental Laboratory
Energy and Environmental Management Centre
National Engineering Research and Development Centre
2P, 17 B, Industrial Estate Ekala,
Ja-ela

Scope of Accreditation: Performing Chemical tests on Water & Wastewater as per APHA methods and Mechanical tests on Noise as per Laboratory developed method (EMC NOISE 001)

The laboratory is accredited for the following tests.

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
Chemical Testing				
01	Water & Wastewater	pH	APHA 4500-H + B, 23rd Ed.: 2017	0 - 14 mg/l
		Chemical Oxygen Demand (COD)	APHA 5220 D, 23rd Ed.: 2017	25 - 100 mg/l 100 - 1200 mg/l
		Biological Oxygen Demand (BOD)	APHA 5210 B, 23rd Ed.:2017	10 - 1000 mg/l
		Total Suspended Solids (TSS)	APHA 2540 D, 23rd Ed.: 2017	5 - 4000 mg/l
		Total Dissolved Solids (TDS)	APHA 2540 C, 23rd Ed.: 2017	10 - 4000 mg/l
		Ammonical Nitrogen (NH ₃ -N)	APHA 4500 NH ₃ B & C, 23rd Ed.: 2017	5 - 100 mg/l
		Dissolved Phosphates (as P)	APHA 4500 P C, 23rd Ed.: 2017	1 - 5 mg/l 5 - 10 mg/l
		Oil & Grease	APHA 5520B, 23rd Ed.: 2017	2 - 100 mg/l

SI No.	Product(s) / Material of test	Specific tests performed	Test method / Standard against which tests are performed	Range of testing / Limits of detection
Mechanical Testing				
02	Noise	Environmental Noise Level Measurement	EMC NOISE 001 (Based on BS 4142:2014)	30 – 140 dB

Director / CEO

Sri Lanka Accreditation Board for Conformity Assessment