



Valid from 16 September 2020  
to 15 September 2023  
Issued on 16 September 2020

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 & Environment Services Department**  
**National Engineering Research & Development Centre**  
2P, 17B, Industrial Estate, Ekala  
Ja-Ela

**Scope of Accreditation:** Performing Chemical testing on Wastewater as per APHA methods and Acoustic measurement testing on Noise ad 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
<b>Chemical Testing</b>				
1.1	Wastewater	pH	APHA 4500-H <sup>+</sup> B, 23rd Ed.: 2017	0 - 14 mg/l
1.2		Chemical Oxygen Demand (COD)	APHA 5220 D, 23rd Ed.: 2017	25 - 100 mg/l 100 - 1200 mg/l
1.3		Biological Oxygen Demand (BOD)	APHA 5210 B, 23rd Ed.:2017	10 - 1000 mg/l
1.4		Total Suspended Solids (TSS)	APHA 2540 D, 23rd Ed.: 2017	5 - 4000 mg/l
1.5		Total Dissolved Solids (TDS)	APHA 2540 C, 23rd Ed.: 2017	10 - 4000 mg/l
1.6		Ammonical Nitrogen (NH <sub>3</sub> -N)	APHA 4500 NH <sub>3</sub> B & C, 23rd Ed.: 2017	5 - 100 mg/l
1.7		Dissolved Phosphates (as P)	APHA 4500 P C, 23rd Ed.: 2017	1 - 5 mg/l 5 - 10 mg/l
1.8		Oil & Grease	APHA 5520B, 23rd Ed.: 2017	2 - 100 mg/l
<b>Acoustic Measurement Testing</b>				
2.1	Noise	Environmental Noise Level Measurements	EMC NOISE 001 (Based on BS 4142:2014)	30 – 140 dB

Director / CEO  
Sri Lanka Accreditation Board for Conformity Assessment