



Valid from 16 September 2023  
to 15 September 2026  
Issued on 28 December 2023

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, Acoustic measurement testing on Noise ad per laboratory developed method (EMC Noise 001) and Mechanical testing on Ambient Air Quality as per Laboratory developed methods (AA001 & AA002)

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				
1.1	Wastewater	pH	APHA 4500-H+ B, 23rd Ed.: 2017	0 - 14 mg/l
1.2		Chemical Oxygen Demand (COD)	APHA 5220 D, 23rd Ed.: 2017	25 - 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 - 10 mg/l
1.8		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
Acoustic Measurement Testing				
2.1	Noise	Environmental Noise Level Measurements	EMC NOISE 001 (Based on BS 4142:2014)	30 – 140 dB
Mechanical Testing				
3.1	Ambient air quality	PM 10	AA001: V1	LOD 10µg/m <sup>3</sup>
3.2		Fugitive dust level	AA002:V1	LOD 20µg/m <sup>3</sup>

Director / CEO

Sri Lanka Accreditation Board for Conformity Assessment