

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



Valid from 15 November 2023
to 14 November 2026
Issued on 15 November 2023



ISO/IEC 17025
TL 052 - 08

Schedule of Accreditation

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

Accreditation Number: TL 052-08

**Kandana Water Treatment Plant Laboratory
National Water Supply & Drainage Board
Kandana, Horana**

Scope of Accreditation: Performing Chemical Testing on Water

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

Sl	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
01	Water	Colour	8025 HACH Method	15-500 Units Pt-Co
		Turbidity	APHA 2130B, 23 rd Edition	0– 1000 NTU
		pH	APHA 4500-H ⁺ B, 23 rd Edition	1 -14
		Electrical Conductivity	APHA 2510-B, 23 rd Edition	0-1999 μ S / cm
		Chloride (as Cl ⁻)	APHA 4500-Cl ⁻ B, 23 rd Edition	1 - 500 mg/L
		Total Alkalinity (as CaCO ₃)	APHA 2320 B 23 rd Edition	0.5-500 mg /L
		Nitrogen-Ammonia (as NH ₃ -N)	8155 HACH Method	0.01 – 0.5mg/L
		Nitrate (as NO ₃ ⁻)	8039 HACH Method (Cadmium reduction)	0.3 – 30 mg/L
		Fluoride (as F ⁻)	8029 HACH Method (Spand method)	0.02-2.0 mg/L
		Total Phosphates (as PO ₄ ³⁻)	8048 HACH Method	0 – 5mg/L
		Total Hardness (as CaCO ₃)	APHA 2340-C 23 rd Edition	2– 1000 mg /L
		Sulphate (as SO ₄ ²⁻)	8051 HACH Method	0– 70 mg/L
		Total Iron (as Fe ²⁺)	8008 HACH Method	0.02– 3.00 mg/L