

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



Valid from 15 July 2018
to 30 November 2020
Issued on 11 July 2018



ISO/ IEC 17025
CL 001- 01

Schedule of Accreditation

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

Accreditation Number: CL 001- 01

Secondary Standards Dosimetry Laboratory

Atomic Energy Board, No. 60/460, Baseline Road,
Orugodawatte, Wellampitiya.

Scope of Accreditation: Protection level calibration of radiation monitoring instruments (Survey Meters, Area Monitors, Personnel Dosimeters) as per the calibration methods appearing in this schedule.

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

SI No	Parameter	Measured Quantity	Instrument or Gauge	Method of Calibration	Range		Readability /Resolution as Applicable	CMC (Approximately at 95% Confidence Level)	Location
					Minimum μ Sv/h	Maximum m Sv/h			
01	Cs-137	Ambient Dose Equivalent Rate	Survey Meters	Calibration against a secondary standard free air (SOP #08A & 09A)	19.8	33.5	Not Applicable	2.0%	SSDL
	Co-60				1.2	0.2		3.9%	
	X-ray (48-118 keV)				164.3	129.0		2.7%	
02	Cs-137	Ambient Dose Equivalent Rate	Area Monitors	Calibration against a secondary standard free air (SOP #08A & 09A)	19.8	33.5	Not Applicable	3.4%	SSDL
	Co-60				1.2	0.2		2.9%	
03	Cs-137	Personal Dose Equivalent/	Personal Dosimeters	Calibration against a secondary standard free air (SOP #10A)	19.9	33.7			

Director /CEO
Sri Lanka Accreditation Board for Conformity Assessment