

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



Valid from 12 February 2020
to 11 February 2023
Issued on 19 October 2021



Schedule of Accreditation

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

Accreditation Number: CL 014 - 01

Measurement Units Standards & Services Department Mahenawatte, Pitipana Homagama

Scope of Accreditation: Performing Hydraulic & Pneumatic Pressure Calibration as per DKD R 6.1:2014 (Edition 03)

The laboratory is accredited for the following calibrations.

SI NO	Type of Instrument	Calibration performed	Calibration Method/ Measurement Procedure	Range	CMC values (At 95% confidence Level, k=2) (±)
01	Hydraulic Pressure	Gauge pressure (Oil) P_e	DKD R 6-1: Edition 03/2014	0.5 – 200 MPa	$U(\text{kPa}) = [(0.12\text{kPa})^2 + (0.000062 * P)^2]^{0.5}$; P in kPa
02	Pneumatic Pressure	Gauge pressure (gas) P_e	DKD R 6-1: Edition 03/2014	18 - 7000 kPa	$U(\text{Pa}) = [(2.4\text{Pa})^2 + (0.000048 * P)^2]^{0.5}$; P in Pa

Director/CEO
Sri Lanka Accreditation Board for Conformity Assessment
Colombo, Sri Lanka