

Schedule

ELPRO PTE. LTD.
18 Boon Lay Way
#09-143, Tradehub 21
Singapore 609964

Certificate No. : LA-2021-0771-C
Issue No. : 1
Date : 18 January 2021
Page : 1 of 2

FIELD OF TESTING: Calibration and Measurement

MEASURED QUANTITIES/ INSTRUMENT/ RANGE TO BE CALIBRATED	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC*)
A. Temperature (Lab) -40 °C to 70 °C	Liquid bath (Water or Ethanol) Inhouse procedure: Lab_Bath_V1	0.10 °C
(Lab and On-site) 0 °C	Ice point (H ₂ O) Inhouse procedures: OS_Ice_V2 / Lab_Ice_V1	0.061 °C
-196 °C	Liquid Nitrogen Inhouse procedure: OS_LN2_V2 / Lab_LN2_V1	0.09 °C
-90 °C to 150 °C	Dry block calibrator Inhouse procedure: OS_Block_V2 / Lab_Block_V1	0.10 °C
B. Relative Humidity (Lab and On-site)	Inhouse procedures: OS_HGS_V2 / Lab_HGS_V1	
10%RH to 50%RH @ 20 °C to 26 °C >50%RH to 90%RH @ 20°C to 26 °C 20 °C to 26 °C	Humidity Generator	1.1 %RH 1.4 %RH 0.24 °C
10%RH to 50%RH @ 10 °C to 40 °C >50%RH to 90%RH @ 10°C to 40 °C 10 °C to 40 °C	Humidity Generator	1.4 %RH 2.1 %RH 0.40 °C

* CMC is expressed as an expanded uncertainty estimated at a level of confidence of approximately 95 %.

Schedule



Certificate No. : LA-2021-0771-C

Issue No. : 1

Date : 18 January 2021

Page : 2 of 2

Approved Signatory:

Mr Steven Turner - For all items

Note :

This laboratory is accredited in accordance with the recognised International Standard ISO/IEC 17025. A laboratory's fulfilment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and **management system requirements** that are necessary for it to consistently deliver technically valid calibration results. The **management system requirements** in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001.