CERTIFICATE OF ACCREDITATION

In terms of section 22(2) (b) of the Accreditation for Conformity Assessment, Calibration and Good Laboratory Practice Act, 2006 (Act 19 of 2006), read with sections 23(1), (2) and (3) of the said Act, I hereby certify that:-

TESTO SOUTH AFRICA (PTY) LTD

Co. Reg. No.: 2015/403399/07
HUMIDITY CALIBRATION LABORATORY
CAPE TOWN

Accreditation Number: **CAL 077-17-00**

is a South African National Accreditation System accredited Calibration Laboratory provided that all SANAS conditions and requirements are complied with

This certificate is valid as per the scope as stated in the accompanying scope of accreditation Annexure "A", bearing the above accreditation number for

HUMIDITY METROLOGY

The facility is accredited in accordance with the recognised International Standard

ISO/IEC 17025:2017

The accreditation demonstrates technical competency for a defined scope and the operation of a laboratory quality management system

While this certificate remains valid, the Accredited Facility named above is authorised to use the relevant SANAS accreditation symbol to issue facility reports and/or certificates

_____

Mr M Phaloane
Acting Chief Executive Officer

Effective Date: 24 January 2024
Certificate Expires: 16 September 2025

ANNEXURE A

SCOPE OF ACCREDITATION

HUMIDITY METROLOGY

Accreditation Number: CAL 077-17-00

Permanent Address of Laboratory:
Testo South Africa (Pty) Ltd
Humidity Calibration Laboratory
G1 Pinelands Business Park
4 New Mill Road
Pinelands, Cape Town
7405

Postal Address:
G1 Pinelands Business Park
4 New Mill Road
Pinelands, Cape Town
7405

Tel: (021) 3003260
Fax: (086) 6216380
E-mail: ffernandez@testo.co.za

Technical Signatories: Mr FJ Fernandez-Rivera
Ms C Korasie

Nominated Representative: Mr FJ Fernandez-Rivera

Issue No.: 05
Date of Issue: 24 January 2024
Expiry Date: 16 September 2025

ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)	METHOD / PROCEDURE
3	**HYGROMETERS**			
3.4	**Other hygrometers**			
3.4.1	Digital Hygrometers / Thermo Hygrometer (5 °C to 50 °C) Temperature	5 % rh to 10 % rh 10 % rh to 85 % rh 85 % rh to 95 % rh 5 °C to 50 °C	2,0 % rh 1,5 % rh 2,0 % rh 1,0 °C	Comparison with reference salt solutions or comparison with a reference hygrometer and a reference thermometer in an environmental chamber.
3.4.4	Data Loggers Temperature	5 % rh to 10 % rh 10 % rh to 85 % rh 85 % rh to 95 % rh 5 °C to 50 °C	2.0 % rh 1,5 % rh 2,0 % rh 1,0 °C	Comparison with reference Hygrometer and reference thermometer in an environmental chamber
4	**DYNAMIC GENERATORS**			
4.2	**Relative humidity generators**			
4.2.2	Environmental chambers	5 % rh to 90 % rh 10 °C to 50 °C	4,0 % rh 1,0 °C	Calibration by comparison with reference hygrometer and thermometer

The CMC, expressed as an expanded uncertainty of measurement, is stated as the standard uncertainty of measurement multiplied by a coverage factor $k = 2$, corresponding to a confidence level of approximately 95%

Accreditation Manager

ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)	METHOD / PROCEDURE
5	**STATIC GENERATORS**			
5.1	**Salt solutions (saturated, unsaturated)**			
5.1.1	Salt Solution Saturated & unsaturated (15°C to 30°C)	5 % rh to 95 % rh	1,1 % rh	Calibration by comparison with reference salt solutions or a reference hygrometer.
6	On-site Calibration for items 3 & 4 above			

The CMC, expressed as an expanded uncertainty of measurement, is stated as the standard uncertainty of measurement multiplied by a coverage factor $k = 2$, corresponding to a confidence level of approximately 95%

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

Accreditation Manager