Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

9531

Accredited to ISO/IEC 17025:2017

Tek Troniks Limited

Issue No: 010 **Issue date:** 14 July 2026

Tek Troniks Limited
Unit 21 Manvers Business Park
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Nottinghamshire
NG12 3GZ
United Kingdom

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E-Mail: support@tektroniks.co.uk
Website: www.tek-troniks.com

Calibration performed by the Organisation at the locations specified

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address Tek Troniks Ltd Unit 21 Manvers Business Park High Hazles Road Cotgrave Nottinghamshire NG12 3GZ United Kingdom **Local contact** Mr John Dyer Tel: +44 (0) 115 9890090 Fax: +44 (0) 115 9890048 E-Mail: support@tektroniks.co.uk	Relative Humidity Temperature	P

Site activities performed away from the locations listed above:

Location details	Activity	Location code
The customers' site or premises must be suitable for the nature of the particular calibrations undertaken and will be the subject of contract review arrangements between the laboratory and the customer	Relative Humidity Temperature Temperature-controlled environmental chambers, refrigerators and freezers Mapping of warehouse and storage facilities	S

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Calibration and Measurement Capability (CMC)

Measured Quantity Instrument or Gauge	Range	Expanded Measurement Uncertainty (k = 2)	Remarks	Location Code
TEMPERATURE			Calibration by comparison with reference instruments	
Calibration of temperature loggers and probes in an air chamber	-20 °C to 0 °C 0 °C to 40 °C	0.34 °C 0.25 °C	Including temperature probes built into humidity instruments.	P & S
In situ fixed probe	-80 °C to -30 °C -30 °C to 55 °C	0.18 °C 0.15 °C	Single point Uncertainty will be dependent on the stability of the customer's environment	S
Temperature indicators and recorders, with temperature sensor(s), data loggers	-90 °C to -45 °C -45 °C to 0 °C 0 °C to +50 °C 50 °C to 140 °C	0.18 °C 0.10 °C 0.10 °C 0.11 °C	In a block bath	P & S
Temperature mapping - thermal characterisation of warehouses, controlled storage facilities, cold rooms over time	-45 °C to 30 °C	0.18 °C	NOTE: Large spaces will include an additional uncertainty to account for stability effects	S
Temperature-controlled chambers, environmental cabinets, refrigerators and freezers	-45 °C to 30 °C	0.18 °C	Single and multipoint time-dependent temperature profiling, also referred to as spatial temperature surveying or mapping	S
HUMIDITY				
Relative humidity instruments	At 0 °C to 23 °C 5 %rh to 25 %rh 25 %rh to 75 %rh 75 %rh to 90 %rh At 23 °C 5 %rh to 25 %rh 25 %rh to 75 %rh 75 %rh to 90 %rh At 23 °C to 40 °C 5 %rh to 25 %rh 25 %rh to 75 %rh 75 %rh to 90 %rh	 1.5 %rh 3.0 %rh 3.5 %rh 1.8 %rh 2.2 %rh 2.4 %rh 2.8 %rh 2.4 %rh 3.0 %rh	Calibration by comparison with reference instruments	P & S

END

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Appendix - Calibration and Measurement Capabilities

Introduction

The definitive statement of the accreditation status of a calibration laboratory is the Accreditation Certificate and the associated Schedule of Accreditation. This Schedule of Accreditation is a critical document, as it defines the measurement capabilities, ranges and boundaries of the calibration activities for which the organisation holds accreditation.

Calibration and Measurement Capabilities (CMCs)

The capabilities provided by accredited calibration laboratories are described by the Calibration and Measurement Capability (CMC), which expresses the lowest measurement uncertainty that can be achieved during a calibration. If a particular device under calibration itself contributes significantly to the uncertainty (for example, if it has limited resolution or exhibits significant non-repeatability) then the uncertainty quoted on a calibration certificate will be increased to account for such factors.

The CMC is normally used to describe the uncertainty that appears in an accredited calibration laboratory's schedule of accreditation and is the uncertainty for which the laboratory has been accredited using the procedure that was the subject of assessment. The measurement uncertainty is calculated according to the procedures given in the GUM and is normally stated as an expanded uncertainty at a coverage probability of 95 %, which usually requires the use of a coverage factor of $k = 2$. An accredited laboratory is not permitted to quote an uncertainty that is smaller than the published measurement uncertainty in certificates issued under its accreditation.

Expression of CMCs - symbols and units

It should be noted that the percentage symbol (%) represents the number 0.01. In cases where the measurement uncertainty is stated as a percentage, this is to be interpreted as meaning percentage of the measurand.
Thus, for example, a measurement uncertainty of 1.5 % means $1.5 \times 0.01 \times q$, where q is the quantity value.

The notation Q[a, b] stands for the root-sum-square of the terms between brackets: $Q[a, b] = [a^2 + b^2]^{1/2}$