Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

0742

Accredited to ISO/IEC 17025:2017

Stevens Traceability Systems Ltd

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Greenbank Technology Park
Challenge Way
Blackburn
BB1 5QB

Contact: Mr Paul Coverley
Tel: +44 (0)1254 685200
Fax: +44 (0)1254 685202
E-Mail: paul.coverley@stevenstraceability.com
Website: http://www.stevenstraceability.com

Calibration performed by the Organisations at the locations specified below

Locations covered by the organisation and their relevant activities

Site activities performed away from the locations listed above:

Location details	Activity	Location code
At customer's premises. 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.	Calibration of Non-Automatic Weighing Machines	Site

Calibration and Measurement Capability (CMC)

Measured Quantity Instrument or Gauge	Range	Expanded Measurement Uncertainty (k = 2)	Remarks	Location Code
NON-AUTOMATIC WEIGHING MACHINES (From 1 mg to 6000 kg)	200 mg 500 mg 1 g 2 g 5 g 10 g 20 g 50 g 100 g 200 g 500 g 1 kg 2 kg 5 kg 10 kg 20 kg 50 kg 60 kg 100 kg 200 kg 500 kg 1000 kg 2000 kg 4000 kg 6000 kg	0.014 mg 0.016 mg 0.020 mg 0.026 mg 0.034 mg 0.042 mg 0.059 mg 0.088 mg 0.15 mg 0.31 mg 0.76 mg 1.5 mg 20 mg 50 mg 101 mg 200 mg 510 mg 610 mg 10 g 20 g 50 g 100 g 200 g 540 g 3.8 kg g	1. Weights are available in OIML Class: E2 from 1 mg to 500 g, max. grouped load 1.1 kg F1 from 1 g to 5 kg, max. grouped load 60 kg M1 from 1 kg to 20 kg, max. grouped load 2000 kg 2. Make-up weights may be used for calibration above 1000 kg, and will be used for calibrations above 1000 kg up to a maximum of 6000 kg. 3. Other loads within the overall listed range may also be used.Methods based on the requirements of Euramet guide cg-18	Site
END				

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: $Q[a, b] = [a^2 + b^2]^{1/2}$