Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

27505

Accredited to ISO/IEC 17025:2017

WOMAG Weighing Limited
Trading as WOMAG

Issue No: 002 **Issue date:** 12 August 2024

Unit 8
Spitfire Close
Coventry
CV5 6UR
United Kingdom

Contact: Marc Marren
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E-Mail: **info@womag.co.uk**
Website: womag.co.uk

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 Customers Premises Contact: Marc Marren 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	S

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Calibration and Measurement Capability (CMC)

Measured Quantity Instrument or Gauge	Range	Expanded Measurement Uncertainty (k = 2)	Remarks	Location Code
WEIGHING INSTRUMENTS				
Non-automatic weighing machines (Electronic self indicating)	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 100 kg 200 kg 500 kg 1000 kg 2000 kg 2500 kg	0.0092 mg 0.012 mg 0.015 mg 0.018 mg 0.025 mg 0.033 mg 0.045 mg 0.075 mg 0.14 mg 0.28 mg 0.69 mg 7.7 mg 15 mg 39 mg 77 mg 150 mg 4.0 g 8.0 g 16 g 41 g 81 g 160 g 204 g	1. Weights are available in OIML Class: E2 from 1 mg to 500 g, Max. grouped load 800 g F1 from 10 g to 15 kg, Max. grouped load 10 kg M1-2 from 100 g to 500 kg, Max. grouped load 2500 kg 2. Other loads within the overall listed range may also be used. 3. Method based on the requirements of Euramet guide cg-18	S
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: $Q[a, b] = [a^2 + b^2]^{1/2}$