Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

0430

Accredited to ISO/IEC 17025:2017

D Brash & Sons Ltd

Issue No: 025 **Issue date:** 01 December 2022

37 Stamperland Crescent **Clarkston** **Glasgow** **G76 8LH**	**Contact: Mr G Millar** **Tel: +44 (0)141-638 2284** **Fax: +44 (0)141-620 1842** **E-Mail: sales@dbrash.co.uk** **Website: www.brash-scales.com**

Calibration performed by the Organisations at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	
Address 37 Stamperland Crescent Clarkston Glasgow G76 8LH	**Local contact** Mr S Langlands Tel: +44 (0)141-638 2284 Fax: +44 (0)141-620 1842 E-Mail: sales@dbrash.co.uk
Address Unit 7, Slough Business Centre Bristol Way Slough Berkshire SL1 3TD	**Local contact** Mr G Millar Tel: +44 (0) 1753 511 801 Fax: +44 (0) 1753 694 447 E-Mail: sloughsales@dbrash.co.uk

Site activities performed away from the locations listed above:

Location details	**Activity**	**Location code**
Any customer premises	Mass – weighing machines (non-automatic)	S

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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 9000 kg)	200 mg 500 mg 1g 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 1500 kg 2000 kg 3000 kg 4000 kg 5000 kg 6000 kg 7000 kg 8000 kg 9000 kg	0.015 mg 0.020 mg 0.025 mg 0.030 mg 0.038 mg 0.051 mg 0.067 mg 0.095 mg 0.17 mg 0.34 mg 0.85 mg 1.7 mg 3.4 mg 9.5 mg 19 mg 39 mg 110 mg 130 mg 1.7 g 4.4 g 10 g 20 g 26 g 44 g 56 g 90 g 100 g 160 g 170 g 180 g 190 g	1. Weights are available in OIML Class E2 from 1 mg to 500 g Max grouped load 2 kg F1 from 1 g to 20 kg Max grouped load 60 kg M1 from 1 kg to 60 kg Max. grouped load 3000 kg 2. Make-up weights may be used for calibration above 300 kg, and will be used for calibrations above 3000 kg up to a maximum of 9000 kg. 3. Methods consistent with EURAMET CG18	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: $Q[a, b] = [a^2 + b^2]^{1/2}$