



Mettler-Toledo Limited

Client Number 9547

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Telephone 09 273-6037

www.mt.com

Authorised Representative

Anna Malikova
Technical Specialist – Metrology

Programme

Metrology & Calibration Laboratory

Accreditation Number 1331

Initial Accreditation Date 25 June 2019

Conformance Standard

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories

Laboratory Services Summary

5.22 Precision Laboratory Balances
5.23 Industrial Balances
5.24 Industrial Weighing Appliances

Key Technical Personnel

Mr Edsel De Chavez 5.22, 5.23, 5.24

Operations Manager
Authorisation:

Issue 14

Date:04/05/26

Page 1 of 3



Mettler-Toledo Limited
Metrology & Calibration Laboratory
SCOPE OF ACCREDITATION

Accreditation Number 1331

Calibration and Measurement Capabilities (CMC) are expressed as an expanded uncertainty corresponding to a level of confidence of 95 % ^{Note1}.

Measurement results are traceable to the International System of Units (SI) via an unbroken chain of comparisons to the New Zealand National Standards or to the National Standards of other Signatories to the CIPM MRA.

Calibrations can be performed at either the premises of the accredited laboratory or at the customer's site.

Measurand/range

CMC Uncertainty

5.22 Precision Laboratory Balances

CMCs as for Class 5.23

5.23 Industrial Balances

In accordance with an in-house procedure and EURAMET Calibration Guide No.18 (cg-18)

1 mg	4.2 µg
2 mg	4.2 µg
5 mg	4.2 µg
10 mg	4.4 µg
20 mg	4.8 µg
50 mg	6.1 µg
100 mg	8.0 µg
200 mg	9.7 µg
500 mg	13 µg
1 g	15 µg
2 g	19 µg
5 g	25 µg
10 g	31 µg
20 g	40 µg
50 g	50 µg
100 g	81 µg
200 g	0.13 mg
500 g	0.35 mg
1 kg	5.2 mg
2 kg	10 mg
5 kg	21 mg
10 kg	45 mg
20 kg	90 mg
26 kg	120 mg
30 kg	140 mg
40 kg	0.18 g
50 kg	0.23 g
60 kg	0.27 g

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Issue 14

Date:04/05/26

Page 2 of 3



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5.24 Industrial Weighing Appliances

In accordance with an in-house procedure complying with EURAMET Calibration Guide No.18 (cg-18)

1 mg to 60 kg CMCs as per 5.22, 5.23 above

64 kg	7.8 g
100 kg	13 g
120 kg	16 g
150 kg	19 g
200 kg	26 g
300 kg	39 g
500 kg	65 g
600 kg	78 g
1000 kg	420 g
2000 kg	830 g
3000 kg	1200 g

Note 1:

Unless stated otherwise the CMC is based on the performance of the best available device and measurement uncertainties achieved for specific calibrations may be greater than the CMC Uncertainty. A laboratory may not report measurement uncertainties lower than its CMC. However, if the device under calibration has a greater accuracy than the device used to calculate the CMC the laboratory may be able to use the calibration data to lower its CMC Uncertainty. Please contact the laboratory to discuss your specific requirements.

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Page 3 of 3