



Australian Government

Department of Industry, Science,  
Energy and Resources

**National  
Measurement  
Institute**

**Appointment as a Verifying Authority  
for  
Reference Standards of Measurement and Physical Quantities of  
Artefacts**

In accordance with Regulation 73 of *National Measurement Regulations 1999* (Cth), in force under the *National Measurement Act 1960* (Cth), the Chief Metrologist hereby appoints:

**Mettler-Toledo Limited  
220 Turner Street  
Port Melbourne VIC 3207  
(ABN 65 004 141 986)**

to be a Verifying Authority for the verification and of reference standards of measurement under Regulation 13 and the verification of physical quantity of artefacts under Regulation 34C of the *National Measurement Regulations 1999* (Cth) for the physical quantity of:

**Mass**

This appointment is for the period from 11 May 2020 to 10 May 2023 and is limited to the range specified in the attached schedule, and the use of procedures approved by the Chief Metrologist.

Dated this                      Eighth                      day of                      May                      2020

*Signed*

James Cantrill  
For Dr Richard Bruce Warrington  
Chief Metrologist  
National Measurement Institute

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# Schedule to Appointment as a Verifying Authority for Reference Standards of Measurement and Physical Quantities of Artefacts

**Mettler-Toledo Limited**  
**220 Turner Street**  
**Port Melbourne VIC 3207**  
**(ABN 65 004 141 986)**

Physical Quantity	Range of Standard(s) and Artefact(s)	Least Uncertainty
Mass Standards	from 1 mg up to 10 mg	6 µg
	above 10 mg to 50 mg	8 µg
	above 50 mg to 200 mg	10 µg
	above 200 mg to 2 g	20 µg
	above 2 g to 50 g	30 µg
	above 50 g to 200 g	0.1 mg
	above 200 g to 500 g	0.6 mg
	above 500 g to 1 kg	0.7 mg
	above 1 kg to 2 kg	1 mg
	above 2 kg to 5 kg	2 mg
	above 5 kg to 10 kg	4 mg
	above 10 kg to 20 kg	6 mg

## Signatories

The following persons are the permitted signatories under this appointment:

Name	Physical Quantity	Range
Stuart Oakes	Mass	as per the scope of this schedule
Pisit Hongsuwanwatthana	Mass	as per the scope of this schedule

James Cantrill  
For Dr Richard Bruce Warrington  
Chief Metrologist  
National Measurement Institute

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## Statutory Conditions

This appointment as a verifying authority for reference standards of measurement under regulation 73 of the *National Measurement Regulations 1999* (Cth) is subject to the conditions stated in regulation 77 of the *National Measurement Regulations 1999* (Cth) as amended. At the time of appointment regulation 77 contains the following conditions

- (a) That the authority participate in training, related to the performance of the duties of an authority, required by the Chief Metrologist;
- (b) That the authority report, as required by the Chief Metrologist, about its performance of its duties;
- (c) That the authority, and any responsible agent or employee of the authority, comply with the *National Measurement Act 1960* (Cth) and the *National Measurement Regulations 1999* (Cth) and any condition stated in the instrument of appointment.
- (d) That the authority comply with any determinations applying to the authority under regulation 20 of the *National Measurement Regulations 1999* (Cth).

## Additional Conditions

In addition to the statutory conditions of appointment of authorities contained in regulation 77 of the *National Measurement Regulations 1999* (Cth) this appointment is also subject to the following conditions:

- (i) Continuing accreditation against AS ISO/IEC 17025 *General requirements for the competence of testing and calibration laboratories* in the form of NATA accreditation No. 11629
- (ii) The authority shall not engage a responsible agent or arrange for any standard of measurement to be verified by an agent or anyone under its supervision without obtaining the prior consent of the Chief Metrologist in writing;
- (iii) Discharge of all financial obligations to the National Measurement Institute in respect of this appointment;
- (iv) Compliance with the formatting and/or any other requirements of the Chief Metrologist and/or the National Measurement Institute with respect to certificates of verification of reference standards of measurement;

James Cantrill  
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Chief Metrologist  
National Measurement Institute

- (v) During the term of this appointment each signatory under this appointment must attend a legal metrology seminar conducted by the Policy and Regulatory Services Section of the Legal Metrology Branch of the National Measurement Institute;
- (vi) This appointment revokes and replaces any previous appointments and/or any extensions granted to any previous appointments.

**Notes:**

James Cantrill  
For Dr Richard Bruce Warrington  
Chief Metrologist  
National Measurement Institute

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