



Australian Government  
Department of Industry,  
Science 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:

**Newcastle Weighing Services Pty Ltd  
ABN (36 001 344 430)**

Operating at:  
**5C Murray Dwyer Circuit  
Mayfield West, NSW 2304**

to be a Verifying Authority for the verification 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 26 August 2024 to 18 September 2026 and is limited to the range specified in the attached schedule, and the use of procedures approved by the Chief Metrologist.

Dated this                      Twenty-Sixth                      day of                      August                      2024

*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 Artefacts

Newcastle Weighing Services Pty Ltd  
ABN (36 001 344 430)

Operating at:  
5C Murray Dwyer Circuit  
Mayfield West, NSW 2304

Physical Quantity	Range of Standard(s) and Artefact(s)	Least Uncertainty
<b>Mass Standards and Industrial Mass Standards</b>		
<b>1 mg to 5000 kg</b>		
	from 1 mg to 10 mg	4.0 µg
	above 10 mg to 50 mg	6.0 µg
	above 50 mg to 100 mg	6.5 µg
	above 100 mg to 200 mg	7.0 µg
	above 200 mg to 1 g	12 µg
	above 1 g to 2 g	12.5 µg
	above 2 g to 5 g	17 µg
	above 5 g to 10 g	30.5 µg
	above 10 g to 20 g	46 µg
	above 20 g to 50 g	55 µg
	above 50 g to 100 g	115 µg
	above 100 g to 200 g	215 µg
	above 200 g to 500 g	520 µg
	above 500 g to 1000 g	1.05 mg
	above 1 kg to 2 kg	2.9 mg
	above 2 kg to 5 kg	5.55 mg
	above 5 kg to 10 kg	11.5 mg
	above 10 kg to 20 kg	21.5 mg
	above 20 kg to 25 kg	33.5 mg
	above 25 kg to 30 kg	40.5 mg
	above 30 kg to 50 kg	0.95 g
	above 50 kg to 200 kg	1.5 g

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

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### Mass Standards and Industrial Mass Standards

1 mg to 5000 kg	above 200 kg to 250 kg	2.6 g
	above 250 kg to 500 kg	5.0 g
	above 500 kg to 1000 kg	12 g
	above 1000 kg to 2000 kg	102 g
	above 2000 kg to 3000 kg	105 g
	above 3000 kg to 4000 kg	110 g
	above 4000 kg to 5000 kg	120 g

### Signatories

The following persons are the permitted signatories under this appointment:

Name	Physical Quantity	Range
Craig William Bennett	Mass	as per the scope of this schedule
Darren White	Mass	as per the scope of this schedule
Scott Morante	Mass	as per the scope of this schedule
Gerard Barbeau	Mass	as per the scope of this schedule

### 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.

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

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- (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. 3279
- (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;
- (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:**

1. This is an amended appointment due to the addition of a new permitted signatory, Gerard Barbeau and a change to the schedule to appointment – range of measurement and associated uncertainties.

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