



Australian Government  
Department of Industry, Science,  
Energy and Resources

**National  
Measurement  
Institute**

**Appointment as a Verifying Authority  
for  
Reference Standards of Measurement**

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,

**Landis & Gyr Pty Ltd  
ABN (78 002 894 224)**

Operating at:  
**50 Cyanamid Street  
Laverton North VIC 3026**

to be a Verifying Authority for the verification of reference standards of measurement under regulation 13 of the *National Measurement Regulations 1999* (Cth) for the following physical quantities:

**Energy**

This appointment is for the period from 14 April 2022 to 15 January 2025 and is limited to the range specified in the attached schedule, and the use of procedures approved by the Chief Metrologist.

Dated this      Fourteenth                      day of              April    2022

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

Landis & Gyr Pty Ltd  
ABN (78 002 894 224)

Operating at:  
50 Cyanamid Street  
Laverton North VIC 3026

Physical Quantity	Range of Standard	Least Uncertainty
<b>Energy</b>		
• Watt-hour meter		
○ Single phase and three phase	From 63.5 V to 240 V and 50 mA to 100 A	0.016%/cos $\Phi$
• Var-hour meter		
○ Single phase and three phase	From 63.5 V to 240 V and 50 mA to 60 A	0.045%/sin $\Phi$

## Signatories

The following persons are the permitted signatories under this appointment:

Name	Physical Quantity	Range
Leonel Ramirez	Energy	as per the scope of this schedule
Pit Juhandi	Energy	as per the scope of this schedule
Andrew Thai	Energy	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. 12666
- (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 Chief Metrologist and/or the National Measurement Institute in respect of this appointment;

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

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- (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:**

This is an amended certificate of appointment to reflect the removal of Shitao Tan as a permitted signatory.

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

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