



National Measurement Amendment (SI Redefinition) Regulations 2019

I, General the Honourable Sir Peter Cosgrove AK MC (Ret'd), Governor-General of the Commonwealth of Australia, acting with the advice of the Federal Executive Council, make the following regulations.

Dated 04 April 2019

Peter Cosgrove
Governor-General

By His Excellency's Command

Karen Andrews
Minister for Industry, Science and Technology

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1 Name

This instrument is the *National Measurement Amendment (SI Redefinition) Regulations 2019*.

2 Commencement

- (1) Each provision of this instrument specified in column 1 of the table commences, or is taken to have commenced, in accordance with column 2 of the table. Any other statement in column 2 has effect according to its terms.

Commencement information		
Column 1	Column 2	Column 3
Provisions	Commencement	Date/Details
1. The whole of this instrument	20 May 2019.	20 May 2019

Note: This table relates only to the provisions of this instrument as originally made. It will not be amended to deal with any later amendments of this instrument.

- (2) Any information in column 3 of the table is not part of this instrument. Information may be inserted in this column, or information in it may be edited, in any published version of this instrument.

3 Authority

This instrument is made under the *National Measurement Act 1960*.

4 Schedules

Each instrument that is specified in a Schedule to this instrument is amended or repealed as set out in the applicable items in the Schedule concerned, and any other item in a Schedule to this instrument has effect according to its terms.

Schedule 1—Amendments

Part 1—Main amendments

National Measurement Regulations 1999

1 Regulation 3

Insert:

SI definition of a unit of measurement means the definition of the unit in Appendix 3 to Resolution 1 adopted by the General Conference on Weights and Measures at its 26th meeting, held at Versailles from 13 to 16 November 2018.

Note: The Appendix could in 2019 be viewed on the International Bureau of Weights and Measures website (<https://www.bipm.org/>).

2 Part 1 of Schedule 1 (cell at table item 1.1, column headed “Definition”)

Repeal the cell, substitute:

The SI definition of kilogram

3 Part 1 of Schedule 1 (cell at table item 1.2, column headed “Definition”)

Repeal the cell, substitute:

The SI definition of mole

4 Part 1 of Schedule 1 (cell at table item 1.3, column headed “Definition”)

Repeal the cell, substitute:

The SI definition of metre

5 Part 1 of Schedule 1 (cell at table item 1.4, column headed “Definition”)

Repeal the cell, substitute:

The SI definition of second

6 Part 1 of Schedule 1 (cell at table item 1.5, column headed “Definition”)

Repeal the cell, substitute:

The SI definition of candela

7 Part 1 of Schedule 1 (cell at table item 1.6, column headed “Quantity”)

Omit “thermo-dynamic”, substitute “thermodynamic”.

8 Part 1 of Schedule 1 (cell at table item 1.6, column headed “Definition”)

Repeal the cell, substitute:

The SI definition of kelvin

**9 Part 1 of Schedule 1 (cell at table item 1.7, column headed
“Definition”)**

Repeal the cell, substitute:

The SI definition of ampere

Part 2—Transitional provisions

National Measurement Regulations 1999

10 Part 12 (heading)

After “**Transitional**”, insert “**and saving**”.

11 At the end of Part 12

Add:

95 Saving—20 May 2019

- (1) The amendment of Schedule 1 by the *National Measurement Amendment (SI Redefinition) Regulations 2019* does not affect the validity, on or after 20 May 2019, of any the following that was in force immediately before that day:
 - (a) a verification of any matter or thing (for example, a standard of measurement) under the Act or these Regulations;
 - (b) a certification under these Regulations of:
 - (i) a measuring instrument; or
 - (ii) a reference material; or
 - (iii) a verification described in paragraph (a);
 - (c) a determination under section 8A of the Act (recognized-value standards of measurement);
 - (d) a recognition under these Regulations of:
 - (i) a reference standard of measurement; or
 - (ii) a measuring instrument; or
 - (iii) a reference material.
- (2) The amendment of Schedule 1 by the *National Measurement Amendment (SI Redefinition) Regulations 2019* does not affect the maintenance, on or after 20 May 2019, of a standard of measurement as one of the following kinds of standards of measurement if the standard was, immediately before that day, maintained as a standard of measurement of that kind:
 - (a) an Australian primary standard of measurement;
 - (b) an Australian secondary standard of measurement;
 - (c) a State primary standard of measurement.