

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Note: This table relates only to the provisions of this instrument as originally made.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Each instrument that is specified in a Schedule to this instrument is amended or repealed as set out in the applicable items in the Schedule concerned, and any other item in a Schedule to this instrument has effect according to its terms.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.