



New South Wales

Electricity Safety (Equipment Efficiency) Amendment (Performance Standards) Regulation 2004

under the

Electricity Safety Act 1945

Her Excellency the Governor, with the advice of the Executive Council, has made the following Regulation under the *Electricity Safety Act 1945*.

FRANK ERNEST SARTOR, M.P.,
Minister for Energy and Utilities

Explanatory note

The object of this Regulation is to amend the *Electricity Safety (Equipment Efficiency) Regulation 1999*:

- (a) to change the energy labelling requirements applicable to single phase airconditioners and heat pumps, and
- (b) to change the minimum energy performance standards applicable to refrigerating appliances, three phase airconditioners and heat pumps and rotating electrical machines, and
- (c) to provide that certain registrations for electrical articles that extend beyond the date of commencement of the changes to the standards cease to have effect, and
- (d) to introduce minimum energy performance standards for single phase air conditioners and heat pumps, linear fluorescent lamps and refrigerated display cases, and
- (e) to provide for recognition of any approval, registration and any other authorisation granted for electrical articles under equivalent laws of other States and Territories, and
- (f) to require certain test results to accompany applications for registration if required by the relevant standard, and
- (g) to enable cancellation of the registration of an electrical article specified in Schedule 3 to the Regulation if the article does not comply with the energy efficiency or performance criteria of the relevant standard when examined or tested by the Energy Corporation of New South Wales.

2004 No 833

Electricity Safety (Equipment Efficiency) Amendment (Performance Standards) Regulation
2004

Explanatory note

This Regulation adopts various Standards referred to in the Regulation.

This Regulation is made under the *Electricity Safety Act 1945*, including section 37 (the general regulation-making power).

Electricity Safety (Equipment Efficiency) Amendment (Performance Standards) Regulation 2004

under the

Electricity Safety Act 1945

1 Name of Regulation

This Regulation is the *Electricity Safety (Equipment Efficiency) Amendment (Performance Standards) Regulation 2004*.

2 Amendment of Electricity Safety (Equipment Efficiency) Regulation 1999

The *Electricity Safety (Equipment Efficiency) Regulation 1999* is amended as set out in Schedule 1.

2004 No 833

Electricity Safety (Equipment Efficiency) Amendment (Performance Standards) Regulation 2004

Schedule 1 Amendments

Schedule 1 Amendments

(Clause 2)

[1] Clause 5 Minimum standards

Omit “with the” from clause 5 (2). Insert instead “with any applicable”.

[2] Clause 7 Applications for registration

Omit clause 7 (3) (b). Insert instead:

- (b) be accompanied by:
 - (i) the results of testing and calculations carried out under clause 5 (2) if the relevant standard requires those tests and calculations to accompany the application, and
 - (ii) the relevant fee set out in Schedule 1.

[3] Clause 7 (6)

Omit “(c)”. Insert instead “or (3)”.

[4] Clause 12 Cancellation of registration

Omit “(being an article listed in Schedule 3)” from clause 12 (1) (a) (ii).

[5] Clause 14 Sale of certain electrical articles

Omit clause 14 (2). Insert instead:

- (2) This clause applies in respect of the sale of new articles, whether by wholesale or retail, but does not apply to the sale of the following articles:
 - (a) second-hand articles,
 - (b) articles that, at the time of sale, are approved, registered or otherwise authorised by a corresponding authority.

[6] Clause 15 Certain electrical articles to be appropriately labelled when sold

Insert after clause 15 (1B):

- (1C) A person must not sell a refrigerated display cabinet that is labelled with the text “high efficiency” unless the refrigerated display cabinet satisfies the requirements of the relevant standard.

Maximum penalty: 20 penalty units.

[7] Clause 15 (2)

Omit “air conditioner”. Insert instead “airconditioner or heat pump”.

[8] Clauses 24 (2) and 25 (3)

Omit the subclauses.

[9] Clause 26

Insert after clause 25:

26 Transitional provisions relating to registration

- (1) Despite clause 11, registration granted:
 - (a) before the commencement of this clause for a period that expires after the commencement of this clause, and
 - (b) in respect of an electrical article that is a single phase airconditioner or single phase heat pump,
expires on that commencement.
- (2) Despite clause 11, registration granted:
 - (a) before the commencement of this clause for a period that expires after 1 April 2006, and
 - (b) in respect of an electrical article that is a three phase rotating electrical machine,
expires on 1 April 2006.
- (3) However, an electrical article the registration for which expires by the operation of subclause (1) or (2) and that was manufactured in or imported into Australia before that expiry is taken to be registered (including for the purposes of clause 12) until the end of the period that it would, but for subclause (1) or (2), have been registered.

2004 No 833

Electricity Safety (Equipment Efficiency) Amendment (Performance Standards) Regulation 2004

Schedule 1 Amendments

[10] Schedules 2 and 3

Omit the Schedules. Insert instead:

Schedule 2 Standards for electrical articles that require registration and labelling with an energy efficiency label

(Clause 5 (1))

1 Airconditioners and heat pumps (single phase)

The following are the relevant standards for single phase airconditioners and single phase heat pumps:

- (a) AS/NZS 3823.1.1:1998, *Performance of electrical appliances—Airconditioners and heat pumps, Part 1.1: Non-ducted airconditioners and heat pumps—Testing and rating for performance,*
- (b) AS/NZS 3823.1.2:2001, *Performance of electrical appliances—Airconditioners and heat pumps, Part 1.2: Test Methods—Ducted airconditioners and air-to-air heat pumps—Testing and rating for performance,*
- (c) AS/NZS 3823.2:2003, *Performance of electrical appliances—Airconditioners and heat pumps, Part 2: Energy labelling and minimum energy performance standard (MEPS) requirements.*

2 Clothes washing machines

The following are the relevant standards for clothes washing machines:

- (a) AS/NZS 2040.1:1998, *Performance of household electrical appliances—Clothes washing machines, Part 1: Energy consumption and performance,*
- (b) AS/NZS 2040.2:2000, *Performance of household electrical appliances—Clothes washing machines, Part 2: Energy labelling requirements.*

3 Dishwashers

The following are the relevant standards for dishwashers:

- (a) AS/NZS 2007.1:2003, *Performance of household electrical appliances—Dishwashers, Part 1: Energy consumption and performance,*

-
- (b) AS/NZS 2007.2:2003, *Performance of household electrical appliances—Dishwashers, Part 2: Energy labelling requirements.*

4 Refrigerating appliances

- (1) Before 1 January 2005, the following are the relevant standards for refrigerating appliances:
 - (a) AS/NZS 4474.1:1997, *Performance of household electrical appliances—Refrigerating appliances, Part 1: Energy consumption and performance,*
 - (b) AS/NZS 4474.2:2000, *Performance of household electrical appliances—Refrigerating appliances, Part 2: Energy labelling and minimum energy performance standard requirements.*
- (2) On and from 1 January 2005, the following are the relevant standards for refrigerating appliances:
 - (a) AS/NZS 4474.1:1997, *Performance of household electrical appliances—Refrigerating appliances, Part 1: Energy consumption and performance,*
 - (b) AS/NZS 4474.2:2001, *Performance of household electrical appliances—Refrigerating appliances, Part 2: Energy labelling and minimum energy performance standard requirements.*

5 Rotary clothes dryers

The following are the relevant standards for rotary clothes dryers:

- (a) AS/NZS 2442.1:1996, *Performance of household electrical appliances—Rotary clothes dryers, Part 1: Energy consumption and performance,*
- (b) AS/NZS 2442.2:2000, *Performance of household electrical appliances—Rotary clothes dryers, Part 2: Energy labelling requirements.*

Schedule 3 Standards for electrical articles that require registration but not labelling with an energy efficiency label

(Clause 5 (2))

1 Airconditioners and heat pumps (three phase)

The following are the relevant standards for three phase airconditioners and three phase heat pumps:

- (a) AS/NZS 3823.1.1:1998, *Performance of electrical appliances—Airconditioners and heat pumps, Part 1.1: Non-ducted airconditioners and heat pumps—Testing and rating for performance*,
- (b) AS/NZS 3823.1.2:2001, *Performance of electrical appliances—Airconditioners and heat pumps, Part 1.2: Test Methods—Ducted airconditioners and air-to-air heat pumps—Testing and rating for performance*,
- (c) AS/NZS 3823.2:2003, *Performance of electrical appliances—Airconditioners and heat pumps, Part 2: Energy labelling and minimum energy performance standard (MEPS) requirements*.

2 Fluorescent lamp ballasts

The following are the relevant standards for fluorescent lamp ballasts for use with International Lamp Coding System (ILCOS) lamp type FD (type T) lamps:

- (a) AS/NZS 4783.1:2001, *Performance of electrical lighting equipment—Ballasts for fluorescent lamps, Part 1: Method of measurement to determine energy consumption and performance of ballast-lamp circuits*,
- (b) AS/NZS 4783.2:2002, *Performance of electrical lighting equipment—Ballasts for fluorescent lamps, Part 2: Energy labelling and minimum energy performance standards requirements*.

3 Linear fluorescent lamps

The following are the relevant standards for linear fluorescent lamps:

- (a) AS/NZS 4782.1:2004, *Double-capped fluorescent lamps—Performance specifications, Part 1: General (IEC 60081: 2000, MOD)*,

-
- (b) AS/NZS 4782.2.2004, *Double-capped fluorescent lamps—Performance specifications, Part 2: Minimum Energy Performance Standard (MEPS)*.

4 Refrigerated display cabinets

The following are the relevant standards for refrigerated display cabinets:

- (a) AS/NZS 1731.1—2003, *Refrigerated display cabinets, Part 1: Terms and definitions*,
- (b) AS/NZS 1731.2—2003, *Refrigerated display cabinets, Part 2: General mechanical and physical requirements*,
- (c) AS/NZS 1731.3—2003, *Refrigerated display cabinets, Part 3: Linear dimensions, areas and volumes*,
- (d) AS/NZS 1731.4—2003, *Refrigerated display cabinets, Part 4: General test conditions*,
- (e) AS/NZS 1731.5—2003, *Refrigerated display cabinets, Part 5: Temperature test*,
- (f) AS/NZS 1731.6—2003, *Refrigerated display cabinets, Part 6: Classification according to temperatures*,
- (g) AS/NZS 1731.9—2003, *Refrigerated display cabinets, Part 9: Electrical energy consumption test*,
- (h) AS/NZS 1731.12—2003, *Refrigerated display cabinets, Part 12: Measurement of the heat extraction rate of the cabinets when the condensing unit is remote from the cabinet*,
- (i) AS/NZS 1731.13—2003, *Refrigerated display cabinets, Part 13: Test report*,
- (j) AS/NZS 1731.14—2003, *Refrigerated display cabinets, Part 14: Minimum energy performance standard (MEPS) requirements*.

5 Rotating electrical machines (three phase)

- (1) Before 1 April 2006, the relevant standard for three phase rotating electrical machines is AS/NZS 1359.5:2000, *Rotating electrical machines—General requirements, Part 5: Three-phase cage induction motors—High efficiency and minimum energy performance standards requirements*.
- (2) On and from 1 April 2006, the relevant standard for three phase rotating electrical machines is AS/NZS 1359.5:2004, *Rotating electrical machines—General requirements, Part 5: Three-phase*

2004 No 833

Electricity Safety (Equipment Efficiency) Amendment (Performance Standards) Regulation 2004

Schedule 1 Amendments

cage induction motors—High efficiency and minimum energy performance standards requirements.

6 Storage water heaters—unvented without an attached feed tank

The relevant standard for storage water heaters that are unvented and do not have an attached feed tank is AS 1056.1—1991, *Storage water heaters, Part 1: General requirements* (clause 2.4 “Thermal insulation”).

BY AUTHORITY
