

South Australia

## **Electrical Products (Part 2 Declarations) Proclamation 2004**

under section 5 of the *Electrical Products Act 2000*

### **1—Short title**

This proclamation may be cited as the *Electrical Products (Part 2 Declarations) Proclamation 2004*.

### **2—Commencement**

This proclamation will come into operation on 1 October 2004.

### **3—Interpretation**

In this proclamation—

*Act* means the *Electrical Products Act 2000*;

*Australian Standard* or *AS* followed by a number, or *Australian/New Zealand Standard* or *AS/NZS* followed by a number, is a reference to the standard published by Standards Australia as in force from time to time, and includes a reference to any code or standard called up by or under the standard.

### **4—Safety and performance labelling**

- (1) Section 6(1) of the Act applies to the classes of electrical products specified in Schedule 1.
- (2) The standard or standards (or the part of a standard or standards) as in force from time to time specified in clause E2 or E3 of Appendix E of AS/NZS 4417.2 for an electrical product of a class of electrical products specified in Schedule 1 is the applicable safety and performance standard for the electrical product.

### **5—Energy performance registration**

- (1) Section 6(2) of the Act applies to the classes of electrical products specified in column 1 of Schedule 2.
- (2) The standard (or the part of a standard) as in force from time to time specified in the entry in Schedule 2 for a class of electrical products is the applicable energy performance standard for the class.

### **6—Energy efficiency labelling**

Section 6(3) of the Act applies to the classes of electrical products specified in Schedule 3.

## Schedule 1—Safety and performance labelling

### Class of electrical products

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- 1 Appliance connector**, being an electrical device—
- (a) that is for attachment to a flexible cord; and
  - (b) that makes a detachable connection between the conductors of the cord and the pins or contacts of any low voltage appliance or equipment of a type intended or generally used for household applications,
- but does not include—
- (c) a connector within the scope of AS/NZS 3123; or
  - (d) a plug or socket-outlet within the scope of AS/NZS 3131.
- 2 Arc welding machine**, being an electrical appliance—
- (a) that is for use in the electric arc welding process; and
  - (b) that is for connection to single phase low voltage supply; and
  - (c) that is fitted with a flexible cord and plug rated at not more than 16 A; and
  - (d) that can easily be moved from one place to another while it is connected to supply; and
  - (e) that has, for—
    - (i) gas metal arc welding machines; and
    - (ii) gas tungsten arc welding machines; and
    - (iii) flux cored arc welding machines,a 100% output rating\* not exceeding 65 A,
- but does not include an arc welding machine promoted exclusively to industry.
- \* The 100% rating is calculated from the square root of the marked duty cycle expressed in decimal form multiplied by the marked output current associated with the duty cycle in amperes.
- 3 Bayonet lampholder**, being an electrical device that accommodates a lamp with a bayonet cap of 15 mm or 22 mm nominal diameter, but does not include—
- (a) a lampholder that, by design, is restricted to specific appliances; or
  - (b) a lampholder that is for incorporation in industrial equipment only.
- 4 Bayonet lampholder adaptor**, being an electrical device that is for insertion into a B22 bayonet lampholder and—
- (a) is for connection to a flexible cord; or
  - (b) has 1 or more lampholders.
- 5 Blanket**, being an electrical appliance that—
- (a) is for the application of heat to a bed; and
  - (b) is flexible; and
  - (c) has a fabric enclosure; and
  - (d) has a projected surface area exceeding 0.6 m<sup>2</sup>,
- and includes any associated power supply or controller.

- 6 Bread toaster**, being an electrical appliance that—
- (a) is a household type; and
  - (b) is for toasting bread or similar foods.
- 7 Clothes dryer**, being an electrical appliance that—
- (a) is a household type; and
  - (b) is for drying textile material.
- 8 Control or conditioning device**, being an electrical device that—
- (a) is a household type; and
  - (b) is for controlling or conditioning the electrical input to electrical apparatus; and
  - (c) is self-contained; and
  - (d) connects to supply by means of a flexible cord and plug, appliance inlet or pins for engagement with a socket-outlet.
- 9 Cooking appliance—portable type**, being an electrical appliance that—
- (a) is a household type; and
  - (b) is for cooking or warming food by electrical energy; and
  - (c) is portable.
- 10 Cord extension socket**, being an electrical device that—
- (a) is for attachment to a flexible cord; and
  - (b) has a maximum rating of 20 A at low voltage; and
  - (c) has contacts whereby a detachable connection may be made with the corresponding pins of a plug or an inlet,
- but does not include—
- (d) a connector or appliance connector designated in AS/NZS 3123; or
  - (e) a socket outlet designated in AS/NZS 3131.
- 11 Cord-line switch**, being an electrical device that—
- (a) is for attachment in a flexible cord; and
  - (b) manually opens and closes an electrical circuit; and
  - (c) has a rating not exceeding 16 A at low voltage,
- but does not include bell push and pendant switches.
- 12 Decorative lighting outfit**, being an electrical appliance that—
- (a) is for decorative, display or illumination purposes; and
  - (b) is portable; and
  - (c) consists of—
    - (i) lamps or lampholders interconnected by flexible cord of less than 2.5 mm<sup>2</sup> cross-sectional area; or
    - (ii) lamps within a flexible enclosure; and
  - (d) may be integral with a frame or similar support,
- and includes any integral power supply or control device.

- 13 Dishwashing machine**, being an electrical appliance that—
- (a) is a household type; and
  - (b) is for washing eating or cooking utensils.
- 14 Edison screw lampholder**, being an electrical device that accommodates a lamp with an Edison screw cap of 14 mm or 27 mm nominal outside diameter, but does not include—
- (a) a lampholder which by design is restricted to specific appliances; or
  - (b) a lampholder which is for incorporation in industrial equipment only.
- 15 Fan**, being an electrical appliance that—
- (a) is a household type; and
  - (b) has a primary function of moving air in its vicinity; and
  - (c) is self-contained,
- and includes any associated ancillary equipment.
- 16 Fence energiser**, being an electrical appliance that regulates and controls the supply of electrical energy to an electric fence.
- 17 Flexible heating pad**, being an electrical appliance that—
- (a) is for application of heat to parts of the human body; and
  - (b) is in the form of a flexible pad; and
  - (c) has a projected area not exceeding 0.6m<sup>2</sup>.
- 18 Floor polisher/scrubber**, being an electrical appliance that—
- (a) is a household type; and
  - (b) is used to polish or scrub floors.
- 19 Fluorescent lamp ballast**, being an electrical device that is for controlling the magnitude of current flowing through the discharge path of a fluorescent lamp and that—
- (a) is of the independent or built-in type intended for use with luminaires (portable or fixed); or
  - (b) is of the integral type, rated at 60 W or less, such that it forms a non-replaceable part of a fluorescent lamp/ballast combination; or
  - (c) is of the adaptor type such that it allows the insertion of a fluorescent lamp into the ballast by the user,
- and includes any capacitor incorporated in or supplied with the ballast, but does not include a ballast which is incorporated in luminaires certified for compliance with the requirements for electrical equipment with increased safety type protection (Ex e) for use in hazardous locations.
- 20 Fluorescent lamp starter**, being an electrical device that—
- (a) is for starting preheat type fluorescent lamps; and
  - (b) is a glow-start type; and
  - (c) has an enclosure of insulating material.
- 21 Hair care appliance**, being an electrical appliance that—
- (a) is a household type or a commercial hand-held type; and
  - (b) is for drying, styling or the caring of human hair.

- 22 Hedge clipper**, being an electrical appliance that—
- (a) is for trimming hedges; and
  - (b) is hand held.
- 23 Immersion heater**, being an electrical appliance that—
- (a) is a household type; and
  - (b) is for heating liquid in which it may be immersed; and
  - (c) is self-contained,
- and includes aquarium type immersion heaters.
- 24 Insect electrocutor**, being an electrical appliance that—
- (a) is a household type; and
  - (b) kills insects by the application of electrical energy.
- 25 Inspection handlamp**, being an electrical appliance that—
- (a) is for inspection purposes using illumination; and
  - (b) holds an incandescent or discharge lamp; and
  - (c) is hand held,
- but does not include handlamps with a magnification facility.
- 26 Iron**, being an electrical appliance that—
- (a) is a household type; and
  - (b) is for smoothing or pressing fabric by the application of heat or steam; and
  - (c) is hand held, except for any separate steam generator,
- and includes any associated equipment.
- 27 Kitchen machine**, being an electrical appliance that is a household type and—
- (a) is for the preparation of food by mechanical means; or
  - (b) is for opening cans; or
  - (c) is for sharpening knives.
- 28 Lawn care appliance**, being an electrical appliance that—
- (a) is a household type; and
  - (b) is for cutting grass or lawn.
- 29 Liquid heating appliance**, being an electrical appliance that—
- (a) is a household type; and
  - (b) is portable; and
  - (c) has a capacity not exceeding 10 L; and
  - (d) heats liquid for—
    - (i) humidifying room air; or
    - (ii) use in, or as, a hot beverage; or
    - (iii) cooking.

**30 Luminaire**—portable type, being an electrical appliance that—

- (a) is a household type; and
- (b) provides illumination or produces light for decorative purposes; and
- (c) is fitted with a supply flexible cord, an appliance inlet socket or a power supply unit with integral pins for insertion into a socket; and
- (d) is for standing on a table or floor, or is fitted with a clamp or similar for attachment to vertical or horizontal surfaces; and
- (e) is for use with tungsten filament, tubular fluorescent or other discharge lamps; and
- (f) —
  - (i) is constructed to represent a model, person or animal and, by its design and materials used, is likely to be treated by a child as a toy; or
  - (ii) has metal parts that are required to be earthed or double insulated from live parts (excluding live parts of an all insulated lampholder).

**31 Massage appliance**, being an electrical appliance that—

- (a) is a household type; and
- (b) is for massaging the human body; and
- (c) is portable; and
- (d) is self-contained.

**32 Microwave oven**, being an electrical appliance that—

- (a) is a household type; and
- (b) applies heat to food, liquid or other substances in a chamber by means of high-frequency electromagnetic radiation.

**33 Miniature over-current circuit breaker**, being an electrical device that—

- (a) is an enclosed air-break switch; and
- (b) opens a low voltage circuit automatically under pre-determined conditions of over-current; and
- (c) has a nominal rating not exceeding 125 A; and
- (d) has either or both of the following:
  - (i) a current breaking capacity up to but not including 10 kA;
  - (ii) a projected panel mounting area not exceeding 4 000 mm<sup>2</sup> per pole,

but does not include a miniature over-current circuit breaker that is intended and marked as being only for use in industrial application

**34 Outlet device**, being an electrical device that—

- (a) is a household type; and
- (b) as its primary function, extends supply from a socket-outlet; and
- (c) is portable; and
- (d) incorporates facilities for the insertion of a plug or plugs; and
- (e) has a rating not exceeding 20 A,

but does not include a cord extension set.

**35 Plug**, being an electrical device that—

- (a) makes a detachable connection between the contacts of a socket-outlet and the conductors of a flexible cord; and
- (b) has 2, 3 or 4 pins for insertion into a socket-outlet; and
- (c) has a maximum rating of 20 A,

but does not include a plug that—

- (d) is within the scope of AS/NZS 3123 and is intended for industrial use; or
- (e) is within the scope of AS/NZS 3131.

**36 Power supply or charger**, being an electrical device that—

- (a) provides an output not exceeding 50 V ac or 120 V ripple free dc; and
- (b) —
  - (i) is a type to provide supply to separate luminaires; or
  - (ii) is a household type for either charging batteries or to provide a supply to separate equipment.

**37 Projector**, being an electrical appliance that—

- (a) is a household type; and
- (b) is for projecting an image from a photographic slide or moving film.

**38 Range**, being an electrical appliance that—

- (a) is a household type; and
- (b) is for cooking food using heat produced by electrical energy; and
- (c) is stationary.

**39 Range hood**, being an electrical appliance that—

- (a) is a household type; and
- (b) collects or filters air (or both); and
- (c) is for installation above a cooking appliance.

**40 Razor/hair clipper**, being an electrical appliance that—

- (a) is a household type; and
- (b) shaves, cuts or trims human hair.

**41 Refrigerating appliance**, being an electrical appliance that—

- (a) is a household type; and
- (b) cools and stores food.

**42 Residual current device**, being an electrical device that—

- (a) isolates or initiates a tripping signal to isolate a low-voltage supply to protected circuits, socket-outlets or equipment in the event of a current flow to earth that exceeds a pre-determined level; and
- (b) may be fixed or portable; and
- (c) has a rated residual current not exceeding 300 mA for devices intended for connection to fixed wiring or 30 mA for other devices; and
- (d) has a rated load current not exceeding 125 A for devices intended for connection to fixed wiring or 20 A for other devices,

but does not include—

- (e) a device intended to be used with a particular circuit-breaker other than a miniature overcurrent circuit-breaker; or
- (f) a device intended to protect an electricity supply authority distribution system; or
- (g) a device covered by AS 2081 and intended for mines use.

**43 Room heater**, being an electrical appliance that—

- (a) is a household type; and
- (b) is for heating, by electrical energy, the atmosphere for comfort purposes,

but does not include—

- (c) an airconditioning appliance; or
- (d) a heating system that is intended to heat the atmosphere of a room primarily by raising the temperature of any floor, wall or ceiling area; or
- (e) an under-carpet heating system.

**44 Sewing machine**, being an electrical appliance that—

- (a) is a household type; and
- (b) is for stitching fabric or other material.

**45 Socket-outlet**, being an electrical device that—

- (a) is for fixing at a point at which fixed wiring terminates; and
- (b) provides a detachable connection with the pins of a plug; and
- (c) has 2, 3 or 4 contacts; and
- (d) has a maximum rating of 20 A,

but does not include an outlet within the scope of AS/NZS 3123 or AS/NZS 3131.

**46 Soldering iron**, being an electrical appliance that—

- (a) is for the application or removal of solder; and
- (b) is hand held,

and includes any integral or associated power supply or controller, but does not include a soldering iron promoted exclusively to industry.



**47 Supply flexible cord**, being an electrical cord that—

- (a) is unscreened and flexible; and
- (b) is designed for use at low voltage; and
- (c) consists of 2 or 3 elastomer or PVC insulated cores of multistrand construction; and
- (d) has a cross-sectional area of each conductor not exceeding 2.5 mm<sup>2</sup>; and
- (e) has for other than tinsel cords, individual wire strandings not exceeding—
  - (i) 0.21 mm for conductor sizes up to 1 mm<sup>2</sup>; or
  - (ii) 0.26 mm for conductor sizes exceeding 1 mm<sup>2</sup>,

but does not include a flexible cord directly connected to equipment or approved non-rewirable accessories which is marked in accordance with the CENELEC HAR marking scheme for flexible cords.

**48 Swimming pool/spa equipment**, being an electrical appliance, device or assembly that—

- (a) is for use in the operation or cleaning of a swimming pool, spa pool or spa bath; or
- (b) is a combination of devices or appliances used in the operation of a swimming pool, spa pool or spa bath and that may or may not be integral or incorporated with a spa pool or spa bath,

but does not include—

- (c) such an appliance, device or assembly exclusively promoted for commercial use; or
- (d) a heat pump.

**49 Television receiver**, being an electrical appliance that—

- (a) is for household use; and
- (b) is for the display of public or subscription television broadcast; and
- (c) incorporates a single cathode ray picture tube.

**50 Therapeutic lamp**, being an electrical appliance that—

- (a) is a household type; and
- (b) produces ultraviolet or infra-red radiation for personal, therapeutic or cosmetic purposes; and
- (c) is portable.

**51 Tool—portable type**, being an electrical appliance that—

- (a) is for machining, drilling, sawing, or surface preparation; and
- (b) may be entirely supported by hand during operation,

but does not include a tool—portable type promoted exclusively to industry.

**52 Vacuum cleaner**, being an electrical appliance that—

- (a) is a household type; and
- (b) is portable; and
- (c) removes—
  - (i) dust, dirt or moisture and the like from floor coverings; or
  - (ii) garden refuse from lawns or paths and the like,by suction.

**53 Wall switch**, being an electrical device that—

- (a) is an air-break switch; and
- (b) is for connection to the wiring of an electrical installation; and
- (c) is primarily for mounting on a vertical surface; and
- (d) is manually opened and manually closed; and
- (e) has a rating not exceeding 20 A.

**54 Washing machine**, being an electrical appliance that—

- (a) is a household type; and
- (b) is intended for washing clothes and other textile materials.

**55 Waterbed heater**, being an electrical appliance that—

- (a) is for installation under a waterbed envelope; and
- (b) heats water contained in that envelope,

and includes any associated control device.

**56 Water heater**, being an electrical appliance that—

- (a) —
  - (i) is for heating and storage of water for bathing, washing or similar purposes; and
  - (ii) incorporates a heating element; and
  - (iii) is unvented; and
  - (iv) has a storage capacity not less than 4.5 L nor more than 680 L; or
- (b) —
  - (i) is for heating water; and
  - (ii) is of the instantaneous type; and
  - (iii) incorporates live parts in contact with water.

## **Schedule 2—Energy performance registration**

<b>Class of electrical products</b>	<b>Applicable Energy Performance Standard</b>
<b>1 Air-conditioner—packaged</b> , being a 3 phase ducted or non-ducted air-conditioner of a vapour compression type and with a cooling capacity not greater than 65 kW.	AS/NZS 3823.2 <sup>2</sup>
<b>2 Air conditioner—refrigerative</b> , being an electrical appliance that— <ul style="list-style-type: none"><li>(a) is intended for connection to a low or medium voltage single phase supply; and</li><li>(b) is designed to deliver—<ul style="list-style-type: none"><li>(i) cooled air; or</li><li>(ii) cooled air or heated air,</li></ul>to an enclosed space, room or zone; and</li><li>(c) consists of electromechanical mechanisms that operate on the vapour-compression principle.</li></ul>	AS/NZS 3823 <sup>1</sup>

Class of electrical products	Applicable Energy Performance Standard
<p><b>3 Distribution transformer</b>, being an electrical device that—</p> <ul style="list-style-type: none"> <li>(a) is for stepping down electricity supply from high voltage to low voltage; and</li> <li>(b) is of the dry type or oil-immersed type; and</li> <li>(c) operates on 3 phase or single phase; and</li> <li>(d) has a power rating from 10 kVA to 2 500 kVA and system highest voltage up to 24 kV; and</li> <li>(e) is intended for 11 and 22 kV networks.</li> </ul>	AS/NZS 2374.1.2 <sup>2</sup>
<p><b>4 Electric motor—3 phase</b>, being a 3 phase electric motor with a capacity between 0.7 kW and 185 kW.</p>	AS/NZS 1359.102.3 <sup>2</sup>
<p><b>5 Fluorescent lamp ballast</b>, being an electrical device of ferromagnetic or electronic construction for controlling the magnitude of current flowing through the discharge path of a fluorescent lamp with a rated power of between 15 W and 70 W and that—</p> <ul style="list-style-type: none"> <li>(a) is of the independent or built-in type intended for use with luminaires (portable or fixed); or</li> <li>(b) is of the adaptor type allowing the insertion of a fluorescent lamp into the ballast by the user,</li> </ul> <p>and includes any capacitor incorporated in or supplied with the ballast, but does not include an integral type ballast forming a non-replaceable part of a fluorescent lamp.</p>	AS/NZS 4783 <sup>2</sup>
<p><b>6 Freezer</b>, being an electrical appliance—</p> <ul style="list-style-type: none"> <li>(a) intended or sold for domestic use (other than camping); and</li> <li>(b) that— <ul style="list-style-type: none"> <li>(i) is a self-contained assembly consisting of a cabinet intended for the storage and preservation of foodstuffs at a temperature below 0° Celsius; and</li> <li>(ii) has an electrically powered refrigerating unit operating at low voltage arranged to extract heat from within the cabinet.</li> </ul> </li> </ul>	AS/NZS 4474 <sup>1</sup>
<p><b>7 Linear fluorescent lamp</b>, being an electrical device that—</p> <ul style="list-style-type: none"> <li>(a) is for general illumination; and</li> <li>(b) is of the double-capped (FD or FDH) tubular type; and</li> <li>(c) is of a nominal length of 550 mm to 1 500 mm; and</li> <li>(d) has a nominal lamp wattage of 16 W or more; and</li> <li>(e) is for use in luminaires and with lamp ballasts connected to a 230 V 50 Hz single phase or similar mains supply or for use only with high frequency (electronic) ballasts.</li> </ul>	AS/NZS 4782 <sup>2</sup>

Class of electrical products	Applicable Energy Performance Standard
<p><b>8 Refrigerated display cabinet</b>, being an electrical device that—</p> <ul style="list-style-type: none"> <li>(a) is a cabinet cooled by a refrigerating system; and</li> <li>(b) is for use in the display or sale of foodstuffs; and</li> <li>(c) enables chilled and frozen foodstuffs placed in the cabinet to be maintained within certain temperature limits; and</li> <li>(d) is of the remote or self-contained type.</li> </ul>	AS/NZS 1731.14 <sup>2</sup>
<p><b>9 Refrigerator</b>, being an electrical appliance—</p> <ul style="list-style-type: none"> <li>(a) intended or sold for domestic use (other than camping); and</li> <li>(b) that— <ul style="list-style-type: none"> <li>(i) is a self-contained assembly consisting of a cabinet intended for the storage and preservation of foodstuffs at a temperature above 0° Celsius; and</li> <li>(ii) has an electrically powered refrigerating unit operating at low voltage arranged to extract heat from within the cabinet.</li> </ul> </li> </ul>	AS/NZS 4474 <sup>1</sup>
<p><b>10 Refrigerator-freezer</b>, being an electrical appliance—</p> <ul style="list-style-type: none"> <li>(a) intended or sold for domestic use (other than camping); and</li> <li>(b) that is a self-contained assembly consisting of 2 or more cabinets or a cabinet with 2 or more compartments— <ul style="list-style-type: none"> <li>(i) 1 of which is intended for the storage and preservation of foodstuffs at a temperature above 0° Celsius; and</li> <li>(ii) 1 of which is intended for the storage and preservation of foodstuffs at a temperature below 0° Celsius, and</li> </ul> </li> <li>(c) that has an electrically powered refrigerating unit operating at low voltage arranged to extract heat from within the cabinet.</li> </ul>	AS/NZS 4474 <sup>1</sup>
<p><b>11 Water heater—storage</b>, being a water heater that is unvented and without an attached fader tank.</p>	AS 1056.1 <sup>2</sup>

**Notes—**

- 1 This standard contains both a minimum energy performance requirement and a requirement for labelling so as to indicate energy efficiency.
- 2 This standard contains a minimum energy performance requirement but does not contain a requirement for labelling so as to indicate energy efficiency.

### Schedule 3—Energy efficiency labelling

Class of electrical products
<b>1 Air conditioner—refrigerative</b> (within the meaning of Schedule 2)

- 2 Clothes dryer**, being an electrical appliance—
- (a) intended—
    - (i) for household and similar use; and
    - (ii) for drying household textile material washed by water; and
  - (b) designed to operate at low or medium voltage; and
  - (c) that operates with a rotary or tumbling action.
- 3 Dishwashing machine**, being an electrical appliance—
- (a) intended—
    - (i) for household and similar use; and
    - (ii) for washing eating and cooking utensils; and
  - (b) designed to operate at low or medium voltage.
- 4 Freezer** (within the meaning of Schedule 2)
- 5 Refrigerator** (within the meaning of Schedule 2)
- 6 Refrigerator-freezer** (within the meaning of Schedule 2)
- 7 Washing machine**, being an electrical appliance—
- (a) intended—
    - (i) for household and similar use; and
    - (ii) for washing clothes, household fabrics and the like; and
  - (b) designed to operate at low or medium voltage.

## **Schedule 4—Revocation of proclamation under section 5 of *Electrical Products Act 2000***

The proclamation made under section 5 of the *Electrical Products Act 2000* on 27 September 2001 (*Gazette 27.9.2001 p2488*), as varied, is revoked.

## **Legislative history**

### **Notes**

- For further information relating to the Act and subordinate legislation made under the Act see the Index of South Australian Statutes.

### **Principal proclamation and variations**

	Reference	Commencement
s 5	<i>Gazette 23.9.2004 p3693</i>	1.10.2004: cl 2