

**ELECTRICAL APPLIANCES
AND EQUIPMENT
REQUIREMENTS FOR
THEIR SALE IN
NEW SOUTH WALES**

EXPLANATORY NOTES

SAFETY AND STANDARDS BRANCH
BRADFIELD ROAD, LINDFIELD 2070
PO BOX 44, WEST LINDFIELD 2070

TELEPHONE: 61 02 8467 4469
FAX: 61 02 8467 4446

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REGULATION OF ELECTRICAL ARTICLES IN NSW

In New South Wales, the Office of Fair Trading administers the provisions of the Electricity (Consumer Safety) Act 2004 and the Electricity (Consumer Safety) Regulation 2006 which covers the sale of mains supplied electrical appliances and equipment. Certain appliances and equipment (known as declared articles) must be approved by the Commissioner for Fair Trading or by an approved equivalent, carry the appropriate approval mark and comply with the relevant safety standard to enable the product to be sold. The remaining appliances and equipment (known as non-declared articles) must comply with minimum safety requirements contained in Australian Standard AS/NZS 3820:1998.

Declared appliances and equipment certified by the following schemes administered by other States and Territories are recognised by New South Wales:

- the Electrical Safety Office of the Department of Industrial Relations in relation to Queensland,
- Energy Safe Victoria in relation to Victoria,
- the Office of the Technical Regulator in relation to South Australia,
- the Department of Infrastructure, Energy and Resources in relation to in Tasmania,
- the Director of Energy Safety of the Public Service in relation to Western Australia,
- the Department of Planning and Infrastructure in relation to the Northern Territory,
- the Planning and Land Authority in relation to the Australian Capital Territory.

External approval schemes authorised to certify electrical appliances and equipment are SAI Global Certification Services Pty Limited, International Testing & Certification Services Pty Limited, SGS Systems and Services Certification Pty Limited and The Australian Gas Association.

Declared articles are listed, with their declaring definitions and class specifications, in **Appendix A** to these Notes. These definitions and class specifications may be altered and other articles may be added to or deleted from this list from time to time.

The Act provides for the prohibition of any article that is, or is likely to become, unsafe and may compel such remedial action (including re-call) necessary for public safety.

The Act ensures the public is protected as far as possible against risks attached to the use of unsafe electrical articles.

Legislation concerning the sale and approval of electrical articles is also in force in other Australian States and Territories. However, due to the particular legal requirements in each jurisdiction, the legislation is not identical.

Nevertheless, the basic principles of the electrical appliance approval schemes operating in the various States are similar and collaboration between all regulatory authorities has resulted in a high degree of uniformity in the practical application of their schemes.

Reciprocal agreements are in place between the State regulators to allow a declared article approved initially by the approval authority in one jurisdiction may be sold in all other jurisdictions without any further formality.

Certification by Fair Trading relates only to the electrical safety and any reference or inference that the certified article is endorsed by Fair Trading which contradicts this may constitute a breach of Fair Trading laws.

The information given in these Notes is intended to assist those concerned with the manufacturing, importing, sale or hire of electrical articles. It should be noted, however, that if any amendments are made to the Act or the Regulation at any time, the information contained in these Notes may become out-dated.

SALE OF ELECTRICAL ARTICLES

SALE OF DECLARED ARTICLES

Section 16 of the Electricity (Consumer Safety) Act makes it an offence for any person to sell a declared article if:

- a) the article is not approved by either Fair Trading or the relevant Authority for another State or Territory, or approved or certified under a recognised external approval scheme.
- b) the article is not marked with the approval mark allocated by the approval or certification agency or the Regulatory Compliance Mark, if appropriate; and
- c) the article does not comply with the relevant class and, if applicable, model specifications or other prescribed requirements for that article.

SALE OF NON-DECLARED ARTICLES

It is an offence for any person to sell a non-declared electrical article that does not comply with minimum requirements specified by clause 4 of Australian Standard AS/NZS 3820:1998 *Essential safety requirements for low voltage electrical equipment*. An article compliant with its product standard is likely to comply with those requirements. For more detail see Clause 23 of the Electricity (Consumer Safety) Regulation.

DEFINITION OF SELL AND ITS APPLICATION

"Sell" includes auction or exchange; offer, agree or attempt to sell; advertise, expose, send, forward or deliver for sale; cause or permit to be sold or offered for sale; hire or cause to be hired; and display for sale or hire. It is also an offence for any person to dispose of or make available an article if it would be an offence to sell that article.

The legislation applies to any person who sells a particular article. This includes the manufacturer or importer and any on-seller.

For more detail see Section 3 of the Electricity (Consumer Safety) Act.

ACQUISITION GUARANTEES

The Electricity (Consumer Safety) Act provides a number of statutory defences to a seller of electrical articles. One such defence is called an Acquisition guarantees. Acquisition guarantees must meet the requirements of sections 17, 18 and 19 of the Electricity (Consumer Safety) Act to be effective and can only be provided by a supplier who is an individual residing in NSW or a corporation that has a place of business in NSW. For more details see sections 17, 18 and 19 Electricity (Consumer Safety) Act.

APPROVAL OF ARTICLES

DECLARED ARTICLES (mandatory approval applies) and **NON-DECLARED ARTICLES** (voluntary approval may be sought).

Original approval

An application may be made for the approval of a model (previously known as a type) of article. Model of article refers to articles of the same design, material and construction.

Approval may be granted in the case of a **declared article** where it is shown that the article complies with:

- a) the class specification (Australian Standard) associated with the relevant declaring definition; and
- b) any further requirements (usually requirements from other product standards) that may be applicable to the model because of its particular design.

Approval may be granted in the case of a **non-declared article** where it is shown that the article complies with the relevant Australian Standard or Standards as determined by Fair Trading.

Approval applications must be made on FORM EEA1 and be accompanied by:

- a) the applicable fee (See **Appendix C** to these Notes).
- b) evidence of compliance with the relevant requirements.
- c) comprehensive colour photographs of the interior and exterior of the article. In addition, a sample of the article may be sought following assessment of the application.
- d) Letter of Authorisation (where application is being lodged by an agent on behalf of the approval holder).

Other information may be sought by Fair Trading.

An approval is usually granted for a 5 year period and may be renewed. The model must continue to comply with the specifications and any other requirements applied in the granting of the approval.

Modification of a model approval

An application for modification of the model approval should be sought where:

- a) the design, materials or construction of a model article is changed in excess of the provisions of the General Exemption; or
- b) the location where the approval mark for the model or its location is to be changed, or an alternative mark or location is to be used.

A General Exemption has been issued to cover articles that differ in very minor variations such as substitution of equivalent components (eg capacitors, resistors and transistors) or changes in the styling, or trim, from the original model approval. It is not necessary to obtain approval of such modifications. Where any doubt arises, Fair Trading should be contacted. A copy of the exemption is at **Appendix B** to these Notes.

Applications must be made on FORM EEA1 and be accompanied by:

- a) the applicable fee (See **Appendix C** to these Notes);
- b) comprehensive colour photographs of the interior and exterior of the article. In addition, a sample of the article may be sought following assessment of the application.
- c) for a **declared article**, evidence of compliance with the relevant class specification for the complete article (and not the modified sector only) at the time of prospective approval; or
- d) for a **non-declared article**, evidence of compliance with the standard or standards determined by the Office.

Other information may be sought by Fair Trading.

IMPORTANT NOTE:

The legislation now requires for **declared articles** that the COMPLETE modified article comply with the applicable class standard, INCLUDING ANY AMENDMENTS, made since the approval of the original article.

Renewal of approval (including modifications)

A renewal of an approval may be made by application on FORM EEA2 and be accompanied by:

- a) the applicable fee (See **Appendix C** to these Notes);
- b) evidence of compliance with the relevant requirements as though an original approval is to be sought; and
- c) comprehensive colour photographs of the interior and exterior of the article. In addition, a sample of the article may be sought following assessment of the application.

The application must be submitted no earlier than 2 months (but no later than 1 month) before the approval is to expire.

Notification of changes in particulars

Written notice must be given of any change in the:

- a) name of the approval holder;
- b) change in the model reference code; or
- c) description (including Trade Name marking)

no later than 21 days after that change occurs.

Notification must be made on FORM EEA3 and be accompanied by the applicable fee (See **Appendix C** to these Notes). A separate form must be completed for each certificate.

Extension of a model approval

An extension to an approval period may be given on written application by the approval holder or at the discretion of Fair Trading. Any total extension can not exceed 12 months.

GENERAL

Enquiries

Approval Officers are available to discuss by phone or in person by appointment, any proposed application and in particular current specification requirements and the acceptability of test evidence.

Approval officers can be contacted on (02) 8467 4469.

Test evidence

The majority of the Australian Standards applied to electrical articles are based on International (IEC) and European (EN) Standards. Test reports to these standards may be accepted provided any Australian deviations are suitably addressed. Fair Trading will generally accept, but is not limited to, test reports from laboratories accredited:

- a) by the National Association of Testing Authorities, Australia (NATA),
- b) under the Certifying Body (CB) scheme,
- c) by organisations with a reciprocal arrangement with NATA; or
- d) recognised or certified within their own country by an appropriate national body or internationally by similar bodies and which can establish that they meet standards not inferior to those above.

Application and fee payment methods

The following options are available for lodging applications:

OPTION 1

By posting the relevant documents and payment of fees by cheque made payable to Office of Fair Trading in Australian dollars.

OPTION 2

By e-mailing the relevant documents to energyapprovals@oft.commerce.nsw.gov.au and payment of fees by electronic transfer to:

Bank Name	Westpac
Bank Address	Level 2, 255 Elizabeth Street, Sydney AUSTRALIA
Account Name	Office of Fair Trading Remitting Account
BSB Number	032-001
Account Number	202014

Allow appropriate bank fees (usually AU\$10.00), but please check with sending bank when processing transfer. On the transaction, it is important to include name of applicant, model number, approval number (if known). Delays will occur in matching the transfer with the application if these details are not included in the transfer.

If you choose Option 2, please use the e-mail address above only. Delays will occur if applications are not properly completed, further information is required, or electronic transfers have insufficient information.

Processing time for completed applications is approximately: -

Administration	5 working days
Technical Assessment	10-15 working days

Other regulatory requirements

In addition to electrical safety requirements administered by Fair Trading, electrical products sold in Australia may also be required to comply with:

- Electromagnetic Compatibility (EMC) requirements. These are administered by the Australian Communications and Media Authority. The Authority can be contacted on (02) 6219 5555.
- Energy efficiency and labelling requirements. These are administered by the Department of Energy, Utilities and Sustainability. The Department can be contacted on (02) 8281 7414.
- Water efficiency requirements. These are administered by the Department of Environment and Heritage. The Department can be contacted on (02) 6247 1700

Disclaimer

The information in these Notes is of a general nature only. Details, if required, should be obtained by reference to the Electricity (Consumer Safety) Act 2004 and the Electricity (Consumer Safety) Regulation 2006.

Electricity (Consumer Safety) Act 2004

Order under Section 5

I, Lyn Baker, Commissioner for Fair Trading:

- (1) revoke, on and from the date on which this order is published in the *New South Wales Government Gazette*, the order dated 16 August 2007 published in the *New South Wales Government Gazette* of 24 August, No. 103 at page 5952; and
- (2) pursuant to sections 5(2) and 5(3) of the *Electricity (Consumer Safety) Act 2004* by this order, declare the electrical articles of a class described in Schedule 1 to be, on and from the date on which this order is published in the *New South Wales Government Gazette*, declared electrical articles for the purposes of Part 2 of the *Electricity (Consumer Safety) Act 2004* and the specifications, including modifications, specified in Schedule 1 to be those applicable to electrical articles of that class.

Signed this twenty sixth day of February 2008

LYN BAKER
COMMISSIONER FOR FAIR TRADING

SCHEDULE 1

DECLARED ELECTRICAL ARTICLES

Interpretation:

In this schedule a reference to-

AS/NZS 3350.1 means AS/NZS 3350.1:2002 with amendments 1 to 4;
AS/NZS 60335.1 means AS/NZS 60335.1:2002 with amendments 1 to 3;
AS/NZS 3100 means AS/NZS 3100:2002 with amendments 1 to 3;
AS/NZS 60745.1 means AS/NZS 60745.1:2003 with amendments 1 to 3;
AS/NZS 60598.1 means AS/NZS 60598.1:2003;
AS/NZS 61558.1 means AS/NZS 61558.1:2000 with amendments 1 to 6;
AS/NZS 3160 means AS/NZS 3160:2001 with amendments 1 and 2; and
AS/NZS 60065 means AS/NZS 60065:2003

1. **APPLIANCE CONNECTOR** - an electrical device which -
- (a) is for attachment to a flexible cord; and
 - (b) 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.

Class specification:

Appliance plug -
AS/NZS 60320.1:2004.

Plug connector -

AS/NZS 60320.1:2004 and AS/NZS 60320.2.2:2004.

2. **ARC WELDING MACHINE** - an electrical appliance which -
- (a) is for use in the electric arc welding process;
 - (b) is for connection to single phase low voltage supply;
 - (c) is fitted with a flexible cord and plug rated at not more than 16 A;
 - (d) can easily be moved from one place to another while it is connected to supply; and
 - (e) has, for GMAW (gas metal arc welding), GTAW (gas tungsten arc welding), and FCAW (flux cored arc welding) machines, a 100% output rating not exceeding 65 A. 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;

but does not include -

- (f) an arc welding machine promoted exclusively to industry.

Class specification:

AS/NZS 60974.6:2006

3. **BAYONET LAMPHOLDER** - an electrical device which -
- (a) accommodates a lamp with a bayonet cap of 15 mm or 22 mm nominal diameter;
- but does not include -
- (b) a lampholder which by design is restricted to specific appliances; or

- (c) a lampholder which is for incorporation in industrial equipment only.

Class specification:

AS/NZS 3100 and AS 3117: 2007 (until 30 December 2016); or
AS/NZS 61184:2007

4. **BAYONET LAMPHOLDER ADAPTOR** - an electrical device which -

- (a) is for insertion into a B22 bayonet lampholder; and
(b) is for connection to a flexible cord; or
(c) has one or more lampholders.

Class specification:

AS/NZS 3100 and AS 3119:1994.

5. **BLANKET** - an electrical appliance which -

- (a) is for the application of heat to a bed;
(b) is flexible;
(c) has a fabric enclosure; and
(d) has a projected surface area exceeding 0.6 square metres;

and includes -

- (e) any associated power supply or controller.

Class specification:

AS/NZS 3350.1 and AS/NZS 3350.2.17:2000 with amendments 1 to 3 (until 31 May 2011); or
AS/NZS 60335.1 and AS/NZS 60335.2.17:2004 with amendment 1.

6. **BREAD TOASTER** - an electrical appliance which -

- (a) is a household type; and
(b) is for toasting bread or similar foods.

Class specification:

AS/NZS 3350.1 and AS/NZS 3350.2.9:1999 with amendments 1 to 4 (until 22 November 2009); or
AS/NZS 60335.1 and AS/NZS 60335.2.9:2002 with amendments 1 to 4.

7. **CLOTHES DRYER** - an electrical appliance which -

- (a) is a household type; and
(b) is for drying textile material.

but does not include -

- (c) a heated towel rail

Class specification:

Rotary type -

AS/NZS 3350.1 and AS/NZS 3350.2.11:2001 with amendment 1 (until 22 November 2009) or
AS/NZS 60335.1 and AS/NZS 60335.2.11:2002 with amendments 1 and 2.

Cabinet type-

AS/NZS 3350.1 and AS/NZS 3350.2.43:2001 with amendments 1 and 2 (until 17 June 2012)
or AS/NZS 60335.1 and AS/NZS 60335.2.43:2005 with amendment 1.

8. CONTROL OR CONDITIONING DEVICE - an electrical device which -

- (a) is a household type;
- (b) is for controlling or conditioning the electrical input to electrical apparatus;
- (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.

Class specification:

AS/NZS 3100 and AS/NZS 3197:2005 with amendment 1.

9. COOKING APPLIANCE - PORTABLE TYPE - an electrical appliance which -

- (a) is a household type;
- (b) is for cooking or warming food by electrical energy; and
- (c) is portable.

Class specification:

Griller, roaster, or oven (including breadmaker)-

AS/NZS 3350.1 and AS/NZS 3350.2.9:1999 with amendments 1 to 4 (until 22 November 2009) or

AS/NZS 60335.1 and AS/NZS 60335.2.9:2002 with amendments 1 to 4.

Warming plate and similar-

AS/NZS 3350.1 and AS/NZS 3350.2.12:1997 with amendments 1 to 3 (until 31 May 2011); or
AS/NZS 60335.1 and AS/NZS 60335.2.12:2004.

Frying pan, deep fryer or wok-

AS/NZS 3350.1 and AS/NZS 3350.2.13:2001 with amendment 1 (until 31 May 2011) or
AS/NZS 60335.1 and AS/NZS 60335.2.13:2004 with amendment 1.

Outdoor barbecue-

AS/NZS 3350.1 and AS/NZS 3350.2.78:1996 with amendments 1 to 3 (until 17 June 2012) or
AS/NZS 60335.1 and AS/NZS 60335.2.78:2005 with amendment 1.

10. CORD EXTENSION SOCKET - an electrical device which -

- (a) is for attachment to a flexible cord;
- (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.

Class specification:

AS/NZS 3100 and AS/NZS 3120:1999.

11. CORD-LINE SWITCH - an electrical device which -

- (a) is for attachment in a flexible cord;
- (b) manually opens and closes an electrical circuit; and
- (c) has a rating not exceeding 16 A at low voltage;

but does not include -

- (d) bell push and pendant switches.

Class specification:

AS/NZS 3100 and AS/NZS 3127:2005.

12. DECORATIVE LIGHTING OUTFIT - an electrical appliance which -

- (a) is for decorative, display or illumination purposes;
 - (b) is portable;
 - (c) consists of -
 - (i) lamps or lampholders interconnected by flexible cord of less than 2.5 square millimetres cross-sectional area; or
 - (ii) lamps within a flexible enclosure; and
 - (d) may be integral with a frame or similar support;
- and includes -
- (e) any integral power supply or control device.

Class specification:
AS/NZS 60598.1 and AS/NZS 60598.2.20:2002.

13. DISHWASHING MACHINE - an electrical appliance which -

- (a) is a household type; and
- (b) is for washing of eating or cooking utensils.

Class specification:
AS/NZS 3350.1 and AS/NZS 3350.2.5:1995 with amendments 1 to 3 (until 22 November 2009) or AS/NZS 60335.1 and AS/NZS 60335.2.5:2002 with amendment 1.

14. EDISON SCREW LAMPHOLDER - an electrical device which -

- (a) accommodates a lamp with an Edison screw cap of 14 mm or 27 mm nominal outside diameter;
- but does not include -
- (b) a lampholder which by design is restricted to specific appliances; or
 - (c) a lampholder which is for incorporation in industrial equipment only.

Class specification:
AS/NZS 3100 and AS 3140:2007 (until 30 December 2016) or AS/NZS 60238:2007.

15. FAN - an electrical appliance which -

- (a) is a household type;
- (b) has a primary function of moving air in its vicinity; and
- (c) is self-contained;

and includes -

- (d) any associated ancillary equipment.

Class specification:
AS/NZS 3350.1 and AS/NZS 3350.2.80:1998 with amendments 1 to 4 (until 3 September 2011) or AS/NZS 60335.1 and AS/NZS 60335.2.80:2004.

16. FENCE ENERGISER - an electrical appliance which regulates and controls the supply of electrical energy to an electric fence.

Class specification:
AS/NZS 3350.1 and AS/NZS 3350.2.76:1998 with amendments 1 to 3 (until 30 May 2010) or AS/NZS 60335.1 and AS/NZS 60335.2.76:2003 with amendment 1.

17. **FLEXIBLE HEATING PAD** - an electrical appliance which -

- (a) is for application of heat to parts of the human body;
- (b) is in the form of a flexible pad; and
- (c) has a projected area not exceeding 0.6 square metres.

Class specification:

Foot warmer and foot mat-

AS/NZS 3350.1 and AS/NZS 3350.2.81:1998 with amendments 1 and 2 (until 20 October 2013) or AS/NZS 60335.1 and AS/NZS 60335.2.81:2006 with amendment 1

Other-

AS/NZS 3350.1 and AS/NZS 3350.2.17:2000 with amendments 1 to 3 (until 31 May 2011) or AS/NZS 60335.1 and AS/NZS 60335.2.17:2004 with amendment 1.

18. **FLOOR POLISHER/SCRUBBER** - an electrical appliance which -

- (a) is a household type; and
- (b) is used to polish or scrub floors.

Class specification:

AS/NZS 3350.1 and AS/NZS 3350.2.10:1996 with amendments 1 to 3 (until 24 March 2013) or AS/NZS 60335.1 and AS/NZS 60335.2.10:2006.

19. **FLUORESCENT LAMP BALLAST** - an electrical device which -

- (a) is for controlling the magnitude of current flowing through the discharge path of a fluorescent lamp;
- (b) is of the independent or built-in type intended for use with luminaires (portable or fixed); or
- (c) is of the integral type, rated at 60 watts or less, such that it forms a non-replaceable part of a fluorescent lamp/ballast combination; or
- (d) is of the adaptor type such that it allows the insertion of a fluorescent lamp into the ballast by the user;

and includes -

- (e) any capacitor incorporated in or supplied with the ballast;

but does not include -

- (f) 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.

Class specification:

Integral (self ballasted lamp) magnetic and electronic types
AS/NZS 60968:2001.

Other magnetic type-

AS/NZS 61347.1:2002 and AS/NZS 61347.2.8:2003.

Other electronic type-

AS/NZS 61347.2.3:2004.

20. **FLUORESCENT LAMP STARTER** - an electrical device which -

- (a) is for starting preheat type fluorescent lamps;
- (b) is a glow-start type; and
- (c) has an enclosure of insulating material.

Class specification:

AS/NZS 60155:2000 (Section 1) with amendments 1 and 2.

21. **HAIR CARE APPLIANCE** - an electrical appliance which -
- (a) is a household type or a commercial hand-held type; and
 - (b) is for drying, styling or the caring of human hair.
- Class specification:
AS/NZS 3350.1 and AS/NZS 3350.2.23:2001 with amendments 1 to 3 (until 31 May 2011) or AS/NZS 60335.1 and AS/NZS 60335.2.23:2004.
22. **HEDGE CLIPPER** - an electrical appliance which -
- (a) is for trimming hedges; and
 - (b) is hand held.
- Class specification:
AS/NZS 3100 and AS/NZS 3160 (until 20 October 2009) or AS/NZS 60745.1 and AS/NZS 60745.2.15:2006.
23. **IMMERSION HEATER** - an electrical appliance which -
- (a) is a household type;
 - (b) is for heating liquid in which it may be immersed; and
 - (c) is self contained;
- and includes -
- (d) aquarium type immersion heaters.
- Class specification:
Aquarium type-
AS/NZS 3350.1 and AS/NZS 3350.2.55:1998 with amendments 1 to 3 (until 3 September 2011) or AS/NZS 60335.1 and AS/NZS 60335.2.55:2004 with amendment 1.
- Portable (other than aquarium) type-
AS/NZS 3350.1 and AS/NZS 3350.2.74:2001 with amendment 1 (until 17 June 2012) or AS/NZS 60335.1 and AS/NZS 60335.2.74:2005 with amendment 1.
- Fixed type-
AS/NZS 3350.1 and AS/NZS 3350.2.73:1996 with amendments 1 to 3 (until 17 June 2012) or AS/NZS 60335.1 and AS/NZS 60335.2.73:2005 with amendment 1.
24. **INSECT ELECTROCUTOR** - an electrical appliance which -
- (a) is a household type; and
 - (b) kills insects by the application of electrical energy.
- Class specification:
AS/NZS 3350.1 and AS/NZS 3350.2.59:1999 with amendments 1 to 3 (until 17 June 2012) or AS/NZS 60335.1 and AS/NZS 60335.2.59:2005 with amendment 1 and 2.
25. **INSPECTION HANDLAMP** - an electrical appliance which -
- (a) is for inspection purposes using illumination;
 - (b) holds an incandescent or discharge lamp; and
 - (c) is hand held;
- but does not include -
- (d) handlamps with a magnification facility.
- Class specification:
AS/NZS 60598.1 and AS/NZS 60598.2.8:2002.

26. **IRON** - an electrical appliance which -

- (a) is a household type;
- (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 -

- (d) any associated equipment.

Class specification:

Fabric steamer -

AS/NZS 3350.1 and AS/NZS 3350.2.85:1998 with amendments 1 and 2 (until 17 June 2012) or AS/NZS 60335.1 and AS/NZS 60335.2.85.

Other -

AS/NZS 3350.1 and AS/NZS 3350.2.3:1995 with amendments 1 to 3 (until 22 November 2009) or AS/NZS 60335.1 and AS/NZS 60335.2.3:2002 with amendment 1.

27. **KITCHEN MACHINE** - an electrical appliance which -

- (a) is a household type;
- (b) is for the preparation of food by mechanical means; or
- (c) is for opening cans; or
- (d) is for sharpening of knives.

Class specification:

AS/NZS 3350.1 and AS/NZS 3350.2.14:1995 with amendments 1 to 3 (until 25 May 2011) or AS/NZS 60335.1 and AS/NZS 60335.2.14:2007.

28. **LAWN CARE APPLIANCE** - an electrical appliance which -

- (a) is a household type; and
- (b) is for cutting grass or lawn.

Class specification:

Mower-

AS/NZS 60335.1 and AS/NZS 60335.2.77:2002 with amendment 1.

Trimmer (with non-metallic filament line or cutter/s)-

AS/NZS 60335.1 and AS/NZS 60335.2.91:2002 with amendments 1 and 2.

Trimmer (other)-

AS/NZS 3100 and AS/NZS 3156: 1995 with amendments 1 and 2 (withdrawn from publication) (until 20 October 2008) or AS/NZS 60335.2.91:2002 with amendments 1 and 2.

29. **LIQUID HEATING APPLIANCE** - an electrical appliance which -

- (a) is a household type;
- (b) is portable;
- (c) has a capacity not exceeding 10L; and
- (d) heats liquid for:
 - (i) humidifying room air; or
 - (ii) use in, or as, a hot beverage; or
 - (iii) cooking.

Class specification:

Humidifier-

AS/NZS 3350.1 and AS/NZS 3350.2.98:1998 with amendments 1 and 2 (until 17 June 2012) or AS/NZS 60335.1 and AS/NZS 60335.2.98:2005.

Other-

AS/NZS 3350.1 and AS/NZS 3350.2.15:2002 with amendments 1 to 3 (until 22 November 2009) or AS/NZS 60335.1 and AS/NZS 60335.2.15:2002 with amendments 1 to 3.

30. LUMINAIRE - PORTABLE TYPE - an electrical appliance which -

- (a) is a household type;
- (b) provides illumination or for decorative purposes, produces light;
- (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 outlet;
- (d) is for standing on a table or floor, or is fitted with a clamp or similar for attachment to vertical or horizontal surfaces;
- (e) is for use with tungsten filament, tubular fluorescent or other discharge lamps; and
- (f) is constructed to represent a model, person or animal and by its design and materials is likely to be treated by a child as a toy; or
- (g) has metal parts which are required to be earthed or double insulated from live parts (excluding live parts of an all insulated lampholder).

Class specification:

Child appealing type (refer to clause (f))-

AS/NZS 60598.1 and AS/NZS 60598.2.10:1998.

AS/NZS 60598.2.10:1998 is modified to deem luminaires to be of class III construction where they are permanently connected to an approved safety extra-low voltage source and that source is separated from the child appealing part by at least 2m.

Type fitted with a built-in transformer or convertor-

AS/NZS 60598.1 and AS/NZS 60598.2.6:1998.

Floodlight-

AS/NZS 60598.1 and AS/NZS 60598.2.5:2002.

Other-

AS/NZS 60598.1 and AS/NZS 60598.2.4: 2005 with amendment 1.

31. MESSAGE APPLIANCE - an electrical appliance which -

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

Class specification:

AS/NZS 3350.1 and AS/NZS 3350.2.32:2001 with amendment 1 (until 3 September 2011) or AS/NZS 60335.1 and AS/NZS 60335.2.32:2004.

32. MICROWAVE OVEN - an electrical appliance which -

- (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.

Class specification:

AS/NZS 3350.1 and AS/NZS 3350.2.25:2001 with amendment 1 (until 13 May 2009) or AS/NZS 60335.1 and AS/NZS 60335.2.25:2002 with amendments 1 to 4.

33. MINIATURE OVERCURRENT CIRCUIT-BREAKER - an electrical device which -

- (a) is an enclosed air-break switch;

- (b) opens a low voltage circuit automatically under pre-determined conditions of over-current;
 - (c) has a nominal rating not exceeding 125 A; and has -
 - (i) a current breaking capacity up to but not including 10 kA; and/or
 - (ii) a projected panel mounting area not exceeding 4000 square millimetres per pole;
- but does not include -
- (d) miniature overcurrent circuit-breakers as defined but which are intended and marked as being only for use in industrial application.

Class specification:

AS 3111:1994 with amendment 1 or AS/NZS 60898.1:2004 and 60898.2:2004.

34. OUTLET DEVICE - an electrical device which -

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

but does not include -

- (f) a cord extension set.

Class specification:

Integral pin type (including travel adaptor) -
AS/NZS 3100 and AS/NZS 3122:2005.

AS/NZS 3122:2005 is modified to preclude types that can be rewired by the user.

Other -

AS/NZS 3100 and AS/NZS 3105:2007.

35. PLUG - an electrical device which -

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

but does not include -

- (d) a plug which is within the scope of AS/NZS 3123:1994 with amendment 1 and is intended for industrial use; or
- (e) a plug which is within the scope of AS/NZS 3131:1995.

Class specification:

AS/NZS 3100 and AS/NZS 3112:2004 with amendment 1.

36. POWER SUPPLY OR CHARGER - an electrical appliance which-

- (a) provides an output not exceeding 50 volts a.c. or 120 volts ripple free d.c.;
- (b) is a type to provide supply to separate luminaires; or
- (c) is a household type for either charging batteries or to provide a supply to separate equipment.

Class specification:

Power supply for general use-
AS/NZS 61558.1 and AS/NZS 61558.2.6:2001 with amendment 1.

Power supply (electronic or transformer types) designated for use with specific electronic equipment-
AS/NZS 60065:2003 or AS/NZS 60950.1:2003 with amendment 1.

Power supply for toys-
AS/NZS 61558.1 and AS/NZS 61558.2.7:2001.

Power supply for bells or chimes-
AS/NZS 61558.1 and AS/NZS 61558.2.8:2001.

Power supply (electronic type) for lighting purposes-
AS/NZS 61347.2.2:2007.

Power supply for Handlamps-
AS/NZS 61558.1 and AS/NZS 61558.2.9:2003.

Battery charger-
AS/NZS 3350.1 and AS/NZS 3350.2.29:2001 with amendment 1 (until 31 May 2011) or
AS/NZS 60335.1 and AS/NZS 60335.2.29:2004 with amendment 1.

37. **PROJECTOR** – an electrical appliance which –
(a) is a household type; and
(b) is for projecting an image from a photographic slide or moving film.

Class specification:
AS/NZS 3350.1 and AS/NZS 3350.2.56:1998 with amendments 1 to 3.

38. **RANGE** - an electrical appliance which -
(a) is a household type;
(b) is for cooking food using heat produced by electrical energy; and
(c) is stationary.

Class specification:
AS/NZS 3350.1 and AS/NZS 3350.2.6:2006 (until 22 November 2009) or AS/NZS 60335.1
and AS/NZS 60335.2.6:2002 with amendments 1 to 4.

39. **RANGE HOOD** - an electrical appliance which -
(a) is a household type;
(b) collects and/or filters air; and
(c) is for installation above a cooking appliance.

Class specification:
AS/NZS 3350.1 and AS/NZS 3350.2.31:2001 with amendments 1 and 2 (until 3 September
2011) or AS/NZS 60335.1 and 60335.2.31:2004 with amendments 1 and 2.

40. **RAZOR/HAIR CLIPPER** - an electrical appliance which -
(a) is a household type; and
(b) shaves, cuts or trims human hair.

Class specification:
AS/NZS 3350.1 and AS/NZS 3350.2.8:1995 with amendments 1 to 3 (until 31 May 2011) or
AS/NZS 60335.1 and AS/NZS 60335.2.8:2004 with amendment 1.

41. **REFRIGERATOR/FREEZER** - an electrical appliance which -
(a) is a household type; and
(b) cools and stores food.

Class specification:

AS/NZS 3350.1 and AS/NZS 3350.2.24:2001 with amendment 1 (until 14 November 2010) or AS/NZS 60335.1 and AS/NZS 60335.2.24:2003 with amendments 1 and 2.

42. RESIDUAL CURRENT DEVICE - an electrical device which -

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

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

Class specification:

Without integral overcurrent protection

AS/NZS 61008.1:2004 or AS3190:2002 with amendment 1.

With integral overcurrent protection

AS/NZS 61009.1:2004 with amendment 1 or AS 3190:2002 with amendment 1 and AS 3111.

43. ROOM HEATER - an electrical appliance which -

- (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;
- (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.

Class specification:

Thermal storage type-

AS/NZS 3350.1 and AS/NZS 3350.2.61:2001 with amendment 1 (until 17 June 2012) or

AS/NZS 60335.1 and AS/NZS 60335.2.61:2005 with amendment 1.

Other-

AS/NZS 3350.1 and

AS/NZS 3350.2.30:2007 with amendment 1 (until 31 May 2011) or AS/NZS 60335.1 and

AS/NZS 60335.2.30:2004 with amendments 1 to 4.

44. SEWING MACHINE -- an electrical appliance which --

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

Class specification:

AS/NZS 3350.1 and AS/NZS 3350.2.28:1996 with amendments 1 to 3.

45. SOCKET-OUTLET - an electrical device which -

- (a) is for fixing at a point at which fixed wiring terminates;
- (b) provides a detachable connection with the pins of a plug;

- (c) has two, three or four contacts; and
 - (d) has a maximum rating of 20 A;
- but does not include -
- (e) an outlet within the scope of AS/NZS 3123 or AS/NZS 3131.

Class specification:
AS/NZS 3100 and AS/NZS 3112:2004 with amendment 1.

46. **SOLDERING IRON** - an electrical appliance which -
- (a) is for the application or removal of solder; and
 - (b) is hand held;
- and includes -
- (c) any integral or associated power supply or controller;
- but does not include -
- (d) a soldering iron promoted exclusively to industry.

Class specification:
AS/NZS 3350.1 and AS/NZS 3350.2.45:1997 with amendments 1 to 3 (until 3 September 2011) or AS/NZS 60335.1 and AS/NZS 60335.2.45:2004.

47. **SUPPLY FLEXIBLE CORD** - an electrical cord which -
- (a) is unscreened and flexible;
 - (b) is designed for use at low voltage;
 - (c) consists of two or three elastomer or PVC insulated cores of multistrand construction;
 - (d) has a cross-sectional area of each conductor not exceeding 2.5 square millimetres; and
 - (e) has for other than tinsel cords, individual wire strandings not exceeding -
 - (i) 0.21 mm for conductor sizes up to 1 square millimetre; or
 - (ii) 0.26 mm for conductor sizes exceeding 1 square millimetre;
- but does not include -
- (f) 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.

Class specification:
AS 3191:2003; or
AS/NZS 60227.5:2003 with amendment 1 (PVC); or
AS/NZS 60245.4:2003 with amendment 1 (Rubber).

48. **SWIMMING POOL OR SPA EQUIPMENT** - an electrical appliance or device -
- (a) that is a transportable spa pool or transportable spa-bath
 - (b) that is for circulating air or water in a conventional bath; or
 - (c) that is for use in the operation or cleaning of a swimming pool, non-transportable spa pool or non-transportable spa-bath
- But does not include -
- (d) an appliance or device exclusively promoted for commercial use; or
 - (e) a heat pump

Class specification:
Pump-
AS/NZS 3350.1 and AS/NZS 3350.2.41:1997 with amendments 1 to 3 (until 3 September 2011) or AS/NZS 60335.1 and AS/NZS 60335.2.41:2004.

Spa pool, Spa bath or an appliance intended to circulate air or water in a conventional bath-
AS/NZS 3350.1 and AS/NZS 3350.2.60:2000 with amendments 1 to 4 (until 24 March 2013)
or AS/NZS 60335.1 and AS/NZS 60225.2.60:2006.

Other-
AS/NZS 3100 and AS/NZS 3136:2001 with amendments 1 and 2.

49. TELEVISION RECEIVER - an electrical appliance which -

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

Class specification:
AS/NZS 60065:2003.

50. THERAPEUTIC LAMP - an electrical appliance which -

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

Class specification:
AS/NZS 3350.1 and AS/NZS 3350.2.27:1996 with amendments 1 to 3 (until 31 May 2011) or
AS/NZS 60335.1 and AS/NZS 60335.2.27:2004 with amendments 1 and 2.

51. TOOL - PORTABLE TYPE - an electrical appliance which -

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

but does not include -

- (c) a tool, portable type, promoted exclusively to industry.

Class specification:
Drill-
AS/NZS 60745.1 and AS/NZS 60745.2.1:2003.

Sander or polisher (other than disk types)-
AS/NZS 60745.1 and AS/NZS 60745.2.4:2003.

Circular saw-
AS/NZS 60745.1 and AS/NZS 60745.2.5:2003 (until 25 May 2009) or AS/NZS 60745.1 and
AS/NZS 60745.2.5:2007.

Jig or sabre saw-
AS/NZS 60745.1 and AS/NZS 60745.2.11:2003.

Planer-
AS/NZS 60745.1 and AS/NZS 60745.2.14:2003.

Router-
AS/NZS 60745.1 and AS/NZS 60745.2.17:2003.

Grinder, polisher and disk type sander-
AS/NZS 3100 and AS/NZS 3160 (until 20 October 2009) or AS/NZS 60745.1 and AS/NZS
60745.2.3:2006.

Chain saw-

AS/NZS 3100 and AS/NZS 3160 (until 25 August 2009) or AS/NZS 60745.1 and AS/NZS 60745.2 13:2006.

Other-

AS/NZS 3100 and AS/NZS 3160.

52. VACUUM CLEANER - an electrical appliance which -

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

Class specification:

Hand held garden type-

AS/NZS 3350.1 and AS/NZS 3350.2.2:2001 with amendment 1 (until 14 November 2010) or AS/NZS 60335.1 and AS/NZS 60335.2.100:2003

Other-

AS/NZS 3350.1 and AS/NZS 3350.2.2:2001 with amendment 1 (until 22 November 2009) or AS/NZS 60335.1 and AS/NZS 60335.2.2:2002 with amendments 1 and 2.

53. WALL SWITCH - an electrical device which -

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

Class specification:

AS/NZS 3100 and AS/NZS 3133:2003 with amendment 1.

54. WASHING MACHINE - an electrical appliance which -

- (a) is a household type; and
- (b) is used for washing clothes.

Class specification:

AS/NZS 3350.1 and AS/NZS 3350.2.7:2001 with amendment 1 (until 22 November 2009) or AS/NZS 60335.1 and AS/NZS 60335.2.7:2002 with amendments 1 and 2.

55. WATER BED HEATER - an electrical appliance which -

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

and includes -

- (c) any associated control device.

Class specification:

AS/NZS 3350.1 and AS/NZS 3350.2.66:1997 with amendments 1 to 3 (until 3 September 2011) or AS/NZS 60335.1 and AS/NZS 60335.2.66:2004.

56. WATER HEATER - an electrical appliance which -

- (a) is for heating and storage of water for bathing, washing or similar purposes;

- (b) incorporates a heating element;
- (c) is unvented; and
- (d) has a storage capacity not less than 4.5 L nor more than 680 L.

* or

- * (e) is for heating water
- * (f) is of the instantaneous type; and
- * (g) incorporates live parts in contact with water.

* applicable on 8 December 2007.

Class specification:

Pressure storage -

AS/NZS 3350.1 and AS/NZS 3350.2.21:1999 with amendments 1 to 5 (until 22 November 2009) or AS/NZS 60335.1 and AS/NZS 60335.2.21:2002 with amendments 1 and 2.

Instantaneous -

AS/NZS 3350.1 and AS/NZS 3350.2.35:1999 with amendments 1 and 2 (until 15 October 2011) or AS/NZS 60335.1 and AS/NZS 60335.2.35:2004 with amendment 1.

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ELECTRICITY (CONSUMER SAFETY) ACT, 2004

ORDER UNDER SECTION 16 (2)

WHERE a modification has been made to an electrical article for which a model approval under section 11 of the Electricity (Consumer Safety) Act, 2004 is in force and the modification has been made only by way of:

- a) a substitution of equivalent components; or
- b) a change to the styling or decorative trim,

then a person who sells such an electrical article is, by this order, exempt from the operation of section 16 (1) (a) (i) of that Act.

This order takes effect from 25 September 2006



**ROD STOWE
ACTING COMMISSIONER FOR FAIR TRADING**

CATEGORIES AND FEES FOR DECLARED AND NON-DECLARED ARTICLES (Effective 1 July 2007)	
Category 1 articles means any electrical articles of the following kind	Category 2 articles means any articles that are not Category 1 articles
Appliance Connector	
Bayonet Lampholder	All other declared electrical articles
Bayonet Lampholder Adaptor	
Control or Conditioning Device	Certificates of Suitability for any non-declared appliances
Cord Extension Socket	
Cord-Line Switch	
Decorative Lighting Outfit	
Edison Screw Lampholder	
Fluorescent Lamp Ballast	
Fluorescent Lamp Starter	
Inspection Handlamp	
Luminaire (whether or not portable)	
Outlet Devices	
Plugs	
Socket-Outlet	
Supply Flexible Cord	
Wall Switch	
Any other apparatus, fixtures, devices, materials or the like (other than electrical appliances that are used, or are intended for use, as part of, or connection with, electrical installations)	
electrical appliance means a device in which electrical energy is consumed or substantially changed in character by conversion into heat, sound, motion, light or otherwise	
Application	
Application	Fee
1. Application for model approval (clause 5(2)(a))	
(a) for Category 1 articles	\$379
(b) for Category 2 articles	\$758
2. Application for renewal of model approval (clause 8(3)(c))	\$379
3. Application for modification of model approval (clause 11(2)(b))	\$285
4. Lodgement of notice of change of particulars of model approval (clause 13(2)):	
(a) for change of no more than 4 model approvals by means of a single notice	\$94
(b) for change to each additional model approval specified by the notice	\$26 per additional approval