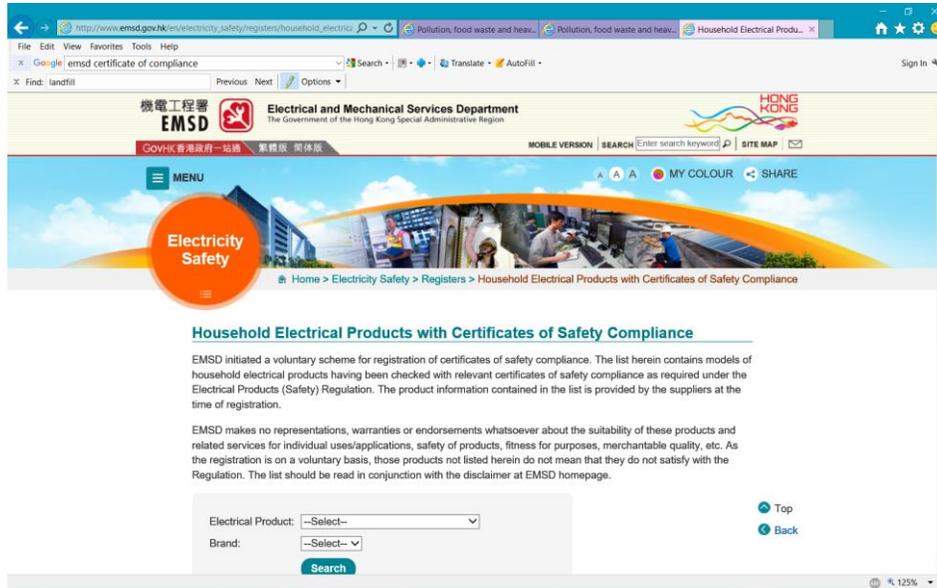
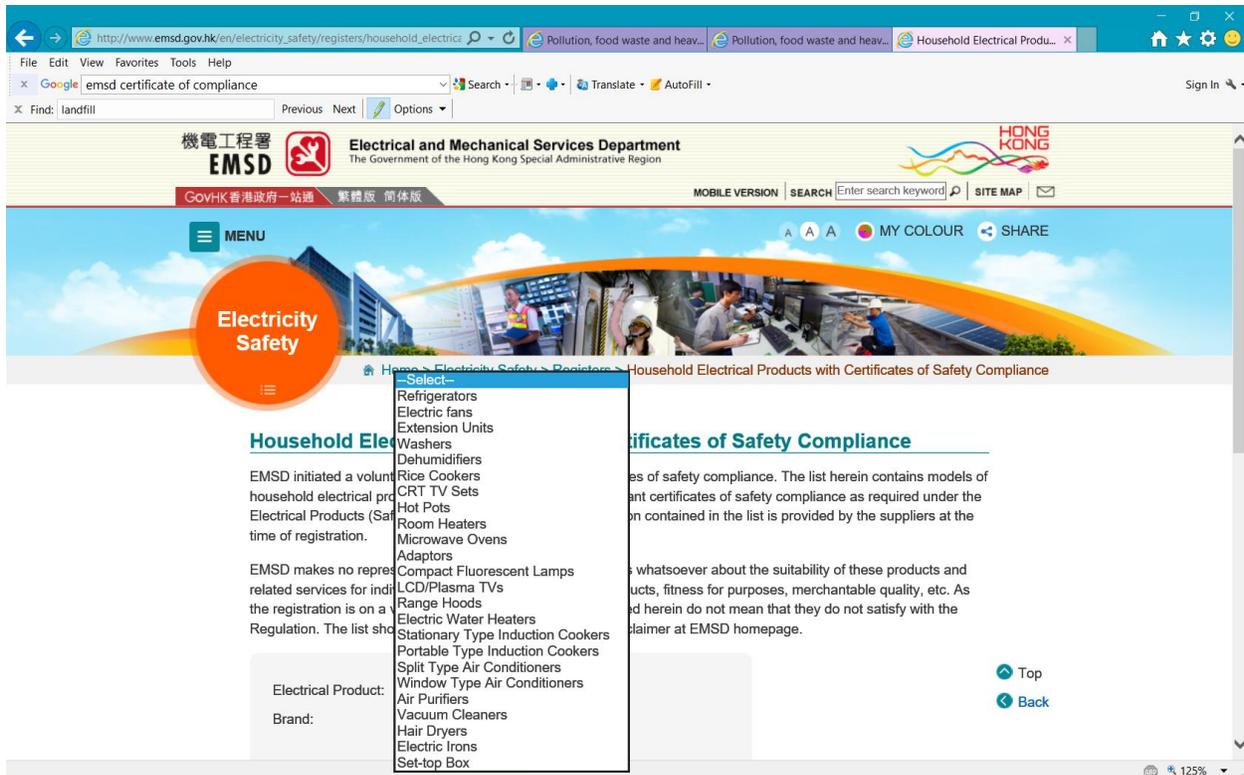


An EMSD Certificate of Safety Compliance under Cap 406 is required for E-cigarettes before they can be legally imported or sold or used here. In order to get a Certificate of Safety Compliance they have to comply with European Norms listed below and attached. Since there are no European or USA or other norms in place for electronic cigarettes, it would be very hard to obtain same!



Do you see any tested Electric cigarettes listed ?



The screenshot shows the EMSD website with the following content:

- Header:** EMSD logo, "Electrical and Mechanical Services Department", "The Government of the Hong Kong Special Administrative Region", and navigation links for "MOBILE VERSION", "SEARCH", and "SITE MAP".
- Navigation:** "MENU", "MY COLOUR", and "SHARE" options.
- Breadcrumb:** Home > Electricity Safety > Information for the Electrical Trade > Safety standards for household electrical products
- Section Header:** **Safety standards for household electrical products**
- Text:**

In general, the suppliers should ensure that their household electrical products conform to the latest requirements of applicable IEC safety standards (or other compatible standards such as European safety standards) unless otherwise stated in the Electrical Products (Safety) Regulation. A list of applicable safety standards is provided under section C.1 - items 1.1 [PDF format (25KB)] and 1.2 [PDF format (30KB)] of the Guidance Notes for the Electrical Products (Safety) Regulation (2007 Edition).

EMSD has completed consultation with the trade on adoption of the latest international safety standards for household electrical products. Agreement on the implementation time frame has been reached. The details are shown in the Table below.
- Table:**

Implementation Time Frame for Adoption of Latest International Safety Standards

Description	Applicable Safety Standard	Implementation Time Frame
Electrical Products listed in Annex [PDF format (39KB)]	Relevant IEC standards listed in Annex [PDF format (39KB)]	Suppliers to import electrical products in compliance with the relevant IEC standards listed in Annex [PDF format (39KB)] starting from December 2008.

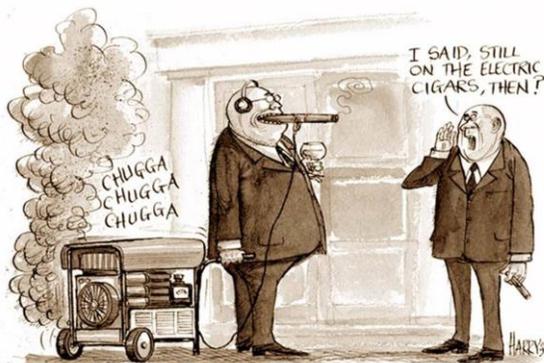
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www.scmp.com/article/672106/electronic-cigarettes-are-ruled-illegal <http://tobacco.cleartheair.org.hk/?p=737>

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Two arrested at Sham Shui Po shop for selling unregistered 'quit-smoking' products Amy Nip and Agnes Lam – Mar 05, 2009 – SCMP



Electronic cigarettes are an unregistered pharmaceutical product and it is illegal for the public to possess them, the Health Department warns. Two people were arrested for selling electronic cigarettes, Health Department director Lam Ping-yan said at a press conference yesterday. The items in question are cigarette-shaped electronic devices that atomise nicotine into an aerosol. No burning is involved in the process. The Health Department and police raided an appliance shop yesterday in Apliu Street, Sham Shui Po, arrested two people and seized nine types of products. They included atomisers and “smoke cartridges”, which are refill products. The two people arrested were a manager and a store employee. Under the Pharmacy and Poisons Ordinance, electronic cigarettes containing nicotine and marketed as products to help people quit smoking are pharmaceutical items that require registration with the Health Department.

None of the electronic cigarettes sold in the city is registered and it is illegal to sell or possess the product. Anyone who sells or possesses the products is liable to a HK\$100,000 fine and two years in prison. “Keeping such products at home is not allowed,” Dr Lam said. “Anybody who has them should dump them quickly. If they don’t know how to deal with them, they can hand them to the Health Department. Department staff will dispose them.” Using the unregistered product was dangerous, he warned. “It is hard to predict how asthma patients or people with respiratory illnesses would react” to using them, Dr Lam said. “We found a high level of nicotine in the electronic cigarettes. There is 36 milligrams of nicotine in one smoke cartridge, higher than in one pack of cigarettes.”

A pack of cigarettes had an average 14 to 15 milligrams of nicotine. It was difficult to ban Net ads for electronic cigarettes, Dr Lam said. They cost about 200 yuan (HK\$230) on one mainland website. Mr Chiu, whose shop was raided two days ago, said the Health Department had seized his stock of electronic cigarettes. “The electronic cigarettes have been quite popular recently,” he said. “Health Department officers came to my shop and seized all my stocks after I was interviewed by reporters. “The officers said all electronic cigarettes had to undergo examination. I don’t understand why. These products are helping smokers. I want to help smokers.” He said most electronic cigarettes were made on the mainland and the products were very popular in Europe. “I don’t see why the government has to ban the sale of electronic cigarettes. How can these products be bad for people when they help people quit smoking

News› Hong Kong HEALTH

[Hong Kong anti-smoking watchdog urges ban on e-cigarettes](#)

PUBLISHED : Monday, 30 March, 2015, 4:00pm UPDATED : Monday, 30 March, 2015, 5:25pm

Samuel Chan samuel.chan@scmp.com



Just 1.8 per cent of Hongkongers have used an e-cigarette. Photo: Reuters

Hong Kong's anti-smoking watchdog is calling for a ban on electronic cigarettes due to both proven and unknown health risks from using the devices. The Council on Smoking and Health (COSH) said a "nip in the bud" approach was necessary – even though just 1.8 per cent of people in the city had used an electronic cigarette, according to a University of Hong Kong survey. The telephone survey was compiled between May and September last year. The 2,400 respondents included smokers, ex-smokers and people who had never smoked, with each group comprising about one third of the total. Results showed that among people who had never smoked, 3.6 per cent of respondents aged between 15 and 29 had used e-cigarettes – more than three times higher than the average of 1 per cent for the group. Young people are particularly vulnerable as e-cigarettes are usually marketed as the "affordable alternative" to traditional cigarettes, and the targets of marketing campaigns, COSH said. A government-commissioned survey of smoking among more than 45,000 secondary school students from 2012 to 2013 found that about 1 per cent of secondary school pupils had used e-cigarettes. E-cigarettes – the "personal vaporisers" used as an alternative to tobacco – *can be legally sold in Hong Kong, except those containing nicotine*. Any product containing more than 0.1 per cent nicotine is required to be registered with the Health Department, **but no e-cigarettes have yet been listed**. Professor Daniel Ho Sai-yin, of the department of community medicine at HKU's school of public health, said new findings that e-cigarettes contain harmful ingredients keep emerging. We cannot start banning [e-cigarettes] only after hundreds of thousands of people have been killed Professor Daniel Ho "We cannot start banning [e-cigarettes] only after hundreds of thousands of people have been killed," Ho said.

"In the 1980s, Hong Kong managed to ban smokeless tobacco before it became popular, so that's why today we don't see any cases of people who have cancer because they chew such tobacco." Apart from nicotine, which causes addiction, Ho said e-cigarettes had also been found to contain carcinogenic chemicals such as formaldehyde after ingredients were heated at high temperature. The council also dismissed as "misleading" many claims made by e-cigarette manufacturers that their products help smokers quit traditional cigarettes, or that they are non-addictive or even eco-friendly. Citing World Health Organisation advice that calls for similar regulations on e-cigarettes as those that now exist for traditional cigarettes, the council advocates a total ban of the devices from sale, advertising, promotion and sponsorship, to distribution, importation and manufacturing. Currently, some 13 countries including Singapore, Thailand and Brazil have imposed a complete ban on e-cigarettes.

MORE:

www.emsd.gov.hk/emsd/eng/pps/electricity_pub_epsr.shtml

None has obtained a Certificate of Safety Compliance hence cannot be legally imported or sold here!

Here is why: they explode, start fires and kill people! Hundreds of examples online: search 'e-cig fire explosion death maim'

<http://www.mirror.co.uk/news/weird-news/video-watch-e-cigarette-explode-set-3388651>

<http://www.nbclosangeles.com/news/local/E-cig-Explosion-Santa-Ana-hand-295729771.html>

<http://www.bbc.co.uk/news/uk-26958397>

<http://www.cbsnews.com/news/electronic-cigarette-explodes-in-mans-mouth-causes-serious-injuries/>

<http://www.bbc.com/news/uk-england-merseyside-28701515>

<http://www.thesun.co.uk/sol/homepage/news/5992812/E-cigarette-explosion-nearly-blows-David-Aspinalls-legs-off.html>

<http://news.sky.com/story/1315474/man-dies-after-e-cigarette-explodes-into-flames>

<http://www.dailymail.co.uk/news/article-2442715/E-cigarette-explosion-causes-Wisconsin-home.html>

<http://www.dailymail.co.uk/news/article-2991815/Man-sues-e-cigarette-store-1million-batteries-explode-cargo-shorts-send-sparks-flying-crotch-kickball-game.html>

<http://www.independent.co.uk/news/uk/home-news/calls-for-safety-warnings-after-exploding-ecigarette-chargers-cause-more-than-100-fires-9862857.html>

<http://ktla.com/2015/03/10/e-cigarette-explodes-in-santa-ana-mans-hand-partially-lodging-in-ceiling/>

<http://www.myfoxla.com/story/28338947/man-injured-bed-catches-fire-after-e-cigarette-explodes>

No e-Cig has the required approval; Ergo they are all illegal
They should be seized at Customs
QED

http://www.emsd.gov.hk/emsd/eng/pps/electricity_pub_epsr.shtml

Electricity : Publications

General Codes of Practice Guidance Notes / Guidelines

OUTLINE OF ELECTRICAL PRODUCTS (SAFETY) REGULATION

Introduction

The Electrical Products (Safety) Regulation (the "Regulation"), made under the Electricity Ordinance, Cap. 406, provides statutory control over the safety of all household electrical products supplied in Hong Kong with the objective to enhance public safety in the use of these products. Apart from those provisions in relation to the requirement of "certificate of safety compliance" for electrical products, individual provisions of the Regulation have come into operation since 24 October 1997 and 29 May 1998 respectively. The effective date when the provisions in relation to the "certificate of safety compliance" and the amendments made to the Regulation by the Electrical Products (Safety) (Amendment) Regulation 2000 come into operation is 1 December 2000.

Application

The Regulation applies to **all electrical products that are:**

- a. designed for household use; and
- b. **supplied in Hong Kong (including those imported,** manufactured locally or intended for use outside Hong Kong).

Note : "Supply" means

- (1) to sell or hire out the electrical product;
- (2) to offer, keep, or exhibit the electrical product for sale or for hiring out;
- (3) to exchange or dispose of the electrical product for any consideration;
- (4) to transmit, convey or deliver the electrical product in pursuance of (i) a sale, (ii) a hiring out, or (iii) an exchange or disposal for any consideration; or
- (5) for commercial purposes, to give the electrical product as a prize or to make a gift of such a product.

The Regulation does not apply to an electrical product which is:

- a. under transshipment or in transit through Hong Kong;
 - b. manufactured in Hong Kong for export;
 - c. supplied for reconditioning;
 - d. supplied as scrap;
 - e. a travel adaptor;
 - f. supplied in a place other than Hong Kong under a sale agreement entered into in Hong Kong; or
 - g. supplied as part of or in connection with a disposition of any premises unless the disposition is the first disposition made prior to the first occupation of the premises.
- "Disposition" includes a sale, lease, licence and permission to occupy.

In addition, the Regulation does not apply to electrical products which are operated at extra low voltage, i.e. not exceeding 50V a.c. or 120V d.c..

Compliance with Safety Requirements

The Regulation requires that all household electrical products shall comply with the "essential safety requirements" to protect users from hazards arising from the electrical products and hazards which may be caused by external influences on the electrical products.

Under the Regulation, certain types of household electrical products which are of special nature and more **liable to cause hazards** are classified as "prescribed products". These types of products shall comply with the "**specific safety requirements**" in addition to the "essential safety requirements". **Prescribed products include plugs, adaptors, lampholders, flexible cords, extension units and unvented thermal storage type electric water heaters.** Household electrical products other than these 6 types of prescribed products are considered to be "non-prescribed products". For some particular types of electrical products, certain additional safety requirements are stipulated in the Regulation. For instance, a 110V a.c. electrical product shall carry a warning label.

The applicable safety requirements of the Regulation are shown in [Appendix 1](#).

Certificate of Safety Compliance

The Regulation requires suppliers to ensure that a "certificate of safety compliance" has been issued in respect of an electrical product designed for household use before it can be supplied in the market.

For a non-prescribed product, the following will be accepted as a certificate of safety compliance:

- a. a declaration of conformity issued by the product manufacturer; or
- b. a declaration of conformity issued by a "recognized manufacturer"; or
- c. a certificate or test report issued by a "recognized certification body".

For a prescribed product, only the document as stated in either (b) or (c) above will be accepted as a certificate of safety compliance.

For the criteria for applying as a recognized certification body/recognized manufacturer or for their registers, please visit EMSD's webpages on "[How to Apply](#)" and "[Registers](#)".

Recall

The Regulation empowers the Director of Electrical & Mechanical Services (DEMS) to require the supplier of any electrical product, which is found not complying with the applicable safety requirements, to notify those to whom he has supplied the product of the hazardous defects in the product, to accept a return of the product, to refund the purchasers, and to notify the public of the matter through television, newspapers and other effective means.

For voluntary recall by suppliers, please refer to the "[Guidelines on Voluntary Recall of Electrical Products Not Complying with the Safety Requirements](#)".

Guidance Notes

The "[Guidance Notes for the Electrical Products \(Safety\) Regulation](#)" is published to provide a guide for suppliers of electrical products to understand the requirements of the Regulation. Lists of international/national standards that are deemed to satisfy the applicable safety requirements of the Regulation are included in the Guidance Notes. Household electrical products that are manufactured and tested to these safety standards, or other compatible standards that fulfil the applicable safety requirements of the Regulation, will be accepted.

Penalties

A person who contravenes the Regulation or supplies an electrical product that is prohibited to be supplied by DEMS is liable to a fine of \$100,000 and imprisonment for 1 year on first conviction; and a fine of \$500,000 and imprisonment for 2 years on subsequent conviction .

A person who supplies an electrical product for which no certificate of safety compliance has been issued is liable to a fine of \$10,000.

Enquiries

Enquiries about the Regulation should be addressed to:

Electricity Legislation Division
Electrical & Mechanical Services Department (EMSD)
The Government of the Hong Kong Special Administrative Region
3 Kai Shing Street, Kowloon, Hong Kong
Tel: 1823 Citizen's Easy Link (Enquiries hotline)
Fax:(852) 2895 4929
Email: info@emsd.gov.hk

August 2000 Edition

Note : This is NOT a legal document and is prepared for general

information only.

[Go to top](#)

Appendix 1

The applicable safety requirements under the Electrical Products (Safety) Regulation can generally be classified into three main types. They are summarised as follows:

1. Essential Safety Requirements

All electrical products shall be:

- a. properly marked, assembled, connected and insulated;
- b. designed and constructed to prevent electrical and non-electrical danger;
- c. designed and constructed to prevent danger arising from temperatures, arcs, radiation and hazardous materials; and
- d. designed and constructed to meet the expected mechanical requirements, to resist non-mechanical influences in expected environmental conditions, to cater for foreseeable conditions of overload and to have such stability that it can be maintained in a specific position.

2. Specific Safety Requirements

For prescribed products (which include plugs, adaptors, lampholders, flexible cords, extension units and unvented thermal storage type electric water heaters), in addition to the "essential safety requirements", they have to comply with the "specific safety requirements", which are generally summarised as follows:

- a. Plugs shall generally be 3-rectangular-pin 13A plugs to BS1363 or 3-round-pin 5A or 15A plugs to BS546, in order to match with the socket systems in Hong Kong. For electrical products designed for connecting to shaver supply units, such as electric tooth brushes, the plugs shall be 2-pin reversible type to BS4573 or EN50075.
- b. Adaptors shall generally be 15A, 13A or 5A type to BS1363 or BS546, in order to match with the socket systems in Hong Kong.
- c. Regarding lampholders, which include the Bayonet lampholders and Edison screw lampholders, they shall be provided with suitable marking, complying with relevant standards and of appropriate materials. For examples, the construction and

dimensions of the lampholders shall comply with IEC60061-2, etc.

- d. The requirements for flexible cords include mainly the marking requirements on the outer sheath, the requirements on colour identification, conductors and insulation, and complying with the relevant standards. For example, the thickness of the insulation shall not be less than the figures given in IEC60227 and IEC60245, etc.
- e. The requirements for extension units consist of those for plugs, flexible cords and sockets as mentioned above.
- f. Regarding unvented thermal storage type electric water heaters, besides the requirements for marking and installation instruction, they shall be provided with adequate protective devices and shall have a guaranteed test pressure.

3. Applicable Safety Requirements for Particular Types of Electrical Products

"Applicable Safety Requirements for Particular Types of Electrical Products" mainly include the following:

- a. All electrical appliances shall be class I or class II products.
- b. For an electrical product which is designed to receive power from a mains socket, the plug shall conform to the "Specific Safety Requirements".
- c. For a class II product provided with an IEC 2-pin plug, the plug shall either be changed to an appropriate 3-pin type or be fitted with a suitable adaptor, before it can be supplied in Hong Kong.
- d. For a direct plug-in type electrical product, the plug-pin shall be of 3-pin design complying with the prescribed requirements.
- e. For an electrical product which is designed to receive power from a shaver supply unit to BS3535 Part 1, the plug pins shall conform to BS4573 or EN50075.
- f. For an electrical product which is designed solely for use at a voltage of less than 200V a.c., for example a 110V product, as it is not suitable for direct connection to the 220V domestic supply system in Hong Kong, it shall carry a warning label as shown below, when it is supplied in Hong Kong:

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News› Hong Kong HEALTH

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Samuel Chan samuel.chan@scmp.com



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<http://www.myfoxla.com/story/28338947/man-injured-bed-catches-fire-after-e-cigarette-explodes>

C. TECHNICAL GUIDANCE

C.1 List of standards that are deemed to satisfy the applicable safety requirements of the Regulation

1.1 Prescribed products

In general, electrical products that conform to the safety standards listed below or equivalent standards are deemed to satisfy the applicable safety requirements of the Regulation subject to complying with the "General conditions" requirements stipulated in Schedule 1 of the Regulation, the additional and specific safety requirements for particular types of electrical products (Section 5, Section 6 & Schedule 2 of the Regulation refer) detailed as follows:

- (A) For a 5A or 15A plug which is manufactured to BS 5733, the construction and dimensions of plug pins and markings on the plug shall conform to BS 546 [Specific safety requirement (b)(iii) under Item 1, Schedule 2 of the Regulation].
- (B) For a 13A plug which is manufactured to BS 5733, the construction and dimensions of plug pins, markings on the plug and fuse-link shall conform to BS 1363 Part 1 [Specific safety requirement (a)(iii) under Item 1, Schedule 2 of the Regulation].
- (C) There are some accepted deviations for 5A & 15A adaptors [Specific safety requirements (1)(a)(ii) & (1)(c)(ii) under Item 2, Schedule 2 of the Regulation] :
 - a 5A adaptor protected by fuse-links conforming to BS 1362 is permitted;
 - a 5A adaptor with not more than three 5A sockets protected by one 5A main fuse-link conforming to BS 646 or BS 1362 is permitted;
 - a 15A adaptor protected by fuse-links conforming to BS 1362 is permitted;
 - the 15A non-fused socket of a 15A adaptor may be replaced by a 13A non-fused socket, the construction and dimensions of which shall conform to BS 1363 Part 2;
 - a 15A adaptor fitted with a 13A or 15A non-fused socket and not more than two 5A sockets which are protected by one 5A main fuse-link conforming to BS 646 or BS 1362 is permitted;
 - a 15A adaptor fitted with not more than three 5A sockets which are protected by one 5A main fuse-link conforming to BS 646 or BS 1362 is permitted.
- (D) For lampholders, the additional requirements on marking [Specific safety requirement (1) under Item 3, Schedule 2 of the Regulation] are :
 - for an Edison screw lampholder, the letter "L" shall be marked adjacent to the line terminal for cable connection; and

- for a metal lampholder, the words "THE LAMP-HOLDER MUST BE EARTHED" or equivalent wording shall be indicated in the associated packaging and the symbol (E or) shall be marked adjacent to the earthing terminal.
- (E) For flexible cords, except for that fitted to an electrical product, the nominal cross sectional area of a conductor and the relevant standard to which a flexible cord conforms shall be marked on the outer sheath of the flexible cord at appropriate intervals [Specific safety requirement (1)(a) under Item 4, Schedule 2 of the Regulation].
- (F) For extension units, the plug, flexible cord and socket portions shall conform to the listed safety standards. For details of the different designs and arrangements of the extension units, specific safety requirements (1) to (14) under Item 5, Schedule 2 of the Regulation shall be referred.
- (G) For an unvented thermal storage type electric water heater, the following safety equipment [Specific safety requirement (4) under Item 6, Schedule 2 of the Regulation] shall be fitted :
- a thermostat which shall be fitted to control the heating of the stored water;
 - a thermal cut out which -
 - (I) shall be fitted to cut off the supply of electricity when the stored water is heated above the temperature setting of the thermostat and before the operation of the temperature and pressure relief valve is initiated;
 - (II) shall be wired in series with the thermostat; and
 - (III) shall require manual resetting when the enclosure of the electric water heater is dismantled; and
 - a temperature and pressure relief valve which shall be either-
 - (I) (a) a non-resettable temperature relief valve, having a set temperature of 90⁰C and being provided with manual test mechanism; and
 - (b) a pressure relief valve, having a set pressure not greater than the maximum designed pressure of the electric water heater or than 1000 kPa, and being provided with manual test mechanism; or
 - (II) a non-resettable temperature and pressure relief valve, having a set temperature of 90⁰C and a set pressure not greater than the maximum designed pressure of the water heater or than 1000 kPa, and being provided with manual test mechanism; or
 - (III) a temperature and pressure relief valve complying with EN 1490 or equivalent safety standards.
- [Notice of Exemption dated 8 March 2002]

- (H) An unvented thermal storage type electric water heater shall be a Class I or Class II product [Section 6(1) of the Regulation refers].

The safety standards listed below are deemed to satisfy the applicable safety requirements of the Regulation subject to the additional safety requirements as stated above. This list is not exhaustive and will be updated as and when required. Household electrical products conforming to safety standards other than those listed are also acceptable if the corresponding standards can be proved to be equivalent to the relevant standards on the list or in compliance with the applicable safety requirements prescribed by the Regulation. For details of the scope and application of an individual standard, please refer to its latest version published by the relevant authority.

1.1.1 **Plugs**

Electrical Products

Standards

(Prefix shown next to the reference number of the standard refers to the particular sub-section in C.1 - 1.1 above)

- | | | |
|---|--|--|
| - | 3-pin 5A plug

3-pin 15A plug | BS 546 : Specification. Two-pole and earthing-pin plugs, socket-outlets and socket-outlet adaptors, or

BS 5733 ^A : Specification for general requirements for electrical accessories |
| - | 3-pin 13A plug | BS 1363 Part 1 : Specification for rewirable and non-rewirable 13A fused plugs, or

BS 5733 ^B : Specification for general requirements for electrical accessories |
| - | 2-pin reversible plugs which are designed for connecting to a shaver supply unit conforming to BS 3535 Part 1 | BS 4573 : Specification for 2-pin reversible plugs and shaver socket outlets, or

EN 50075 : Specification for flat non-wirable two-pole plugs 2.5A 250V, with cord, for the connection of class II equipment for household and similar purposes |
| - | IEC plug (special adaptor to be added to convert the plug for compliance with BS 5733, BS 546 or BS 1363 Part 1) | IEC 60884-1 : Plugs and socket-outlets for household and similar purposes-
General requirements |

1.1.2 **Adaptors**

Electrical Products

- 5A adaptor
15A adaptor
- 13A adaptor

Standards

BS 546^C : Specification. Two-pole and earthing-pin plugs, socket-outlets and socket-outlet adaptors

BS 1363 Part 3 : Specification for adaptors

1.1.3 **Lampholders**

Electrical Products

- Bayonet type lampholders
- Edison screw type lampholders

Standards

IEC 60061-2^D : Lamps caps and holders together with gauges for the control of interchangeability and safety - Lampholders

IEC 61184^D : Bayonet lampholders

IEC 60061-2^D : Lamps caps and holders together with gauges for the control of interchangeability and safety - Lampholders

IEC 60238^D : Edison screw lampholders

1.1.4 **Flexible Cords**

Electrical Products

- PVC insulated flexible cord
- Rubber insulated flexible cord

Standards

IEC 60227^E : Polyvinyl chloride insulated cables with rated voltages up to and including 450/750V

BS 6500^E : Electric cables. Flexible cords with rated voltages up to and including 300/500V, for use with appliances and equipment intended for domestic, office and similar environments

IEC 60245^E : Rubber insulated cables with rated voltages up to and including 450/750V

BS 6500^E : Electric cables. Flexible cords with rated voltages up to and including 300/500V, for use with

appliances and equipment intended for domestic, office and similar environments

Standards

1.1.5 Extension Units^F

For plug portion
(3-pin 5A, 13A & 15A plugs)

see item 1.1.1 above

For flexible cords

see item 1.1.4 above

For socket portion

BS 546 : Specification. Two-pole and earthing-pin plugs, socket-outlets and socket-outlet adaptors

BS 1363 Part 2 : Specification for 13A switched and unswitched socket-outlets

For cable reels

IEC 61242 : Electrical accessories – Cable reels for household and similar purposes

1.1.6 Unvented Thermal Storage Type Electric Water Heaters

Standards

IEC 60335-2-21^G : Particular requirements for storage water heaters

BS 7206^G : Specification for unvented hot water storage units and packages

BS 3456 Part 102.21^G : Storage water heaters

For thermal cut out

BS 3955 : Specification for electrical controls for household and similar general purposes

For temperature and pressure relief valves

BS 6283 : Safety and control devices for use in hot water systems

EN 1490 : Building valves – Combined temperature and pressure relief valves – Tests and requirements

ANSI Z21.22 : Relief valves for hot water supply systems

AS 1357.1 : Water supply – Valves for use with unvented water heaters – Protection valves

1.2 **Non-prescribed products**

In general, electrical products that conform to the safety standards listed below or equivalent standards are deemed to satisfy the applicable safety requirements of the Regulation subject to complying with the "General conditions" requirements stipulated in Schedule 1 of the Regulation and the additional safety requirements [Sections 6 (1) to 6 (8) of the Regulation refer] for particular types of products detailed as follows:

- (A) All electrical products, other than accessories or lighting fittings which do not receive power supply from a mains socket, shall be Class I or Class II products.
- (B) Subject to Sections 6(4) & 6(5) of the Regulation, an electrical product which is designed -
 - (I) to operate at a voltage of not less than 200V alternating current single phase;
 - (II) to operate at a maximum rated current of not more than 15A; and
 - (III) to be connected by means of a flexible cord and plug to a socket and is designed to be so connected directly without the use of a cable connector,shall be fitted with a plug of the correct rating which complies with the applicable safety requirements.
- (C) For an electrical product which is designed to receive power from a mains socket without connecting through a flexible cord, the construction and dimensions of the plug pins shall conform to BS 546 or BS 1363 Part 1.
- (D) For an electrical product which is designed to receive power from a shaver supply unit conforming to BS 3535 Part 1 without connecting through a flexible cord, the construction and dimensions of the plug pins shall conform to BS 4573 or EN 50075.
- (E) For an electrical product which is designed solely for use at a voltage of less than 200V alternating current single phase, a warning label specified in Schedule 3 of the Regulation shall be provided.

The safety standards listed below are deemed to satisfy the applicable safety requirements of the Regulation subject to the additional safety requirements stated above. This list is not exhaustive and will be updated as and when required. Household electrical products conforming to safety standards other than those listed are also acceptable if the corresponding standards can be proved to be equivalent to the relevant standards on the list or in compliance with the applicable safety requirements prescribed by the Regulation. For details of the scope and application of an individual standard, please refer to its latest version published by the relevant authority.

1.2.1 **Cables and Cords**

Electrical Products

Standards

Cord sets

IEC 60799 : Cord sets and interconnection cord sets

Mineral insulated cables and their terminations	IEC 60702 : Mineral insulated cables and their terminations with a rated voltage not exceeding 750V
PVC insulated cables	IEC 60227 : Polyvinyl chloride insulated cables with rated voltages up to and including 450/750V BS 6500 : Electric cables. Flexible cords with rated voltages up to and including 300/500V, for use with appliances and equipment intended for domestic, office and similar environments BS 6004 : PVC insulated, non-armoured cables with rated voltages up to and including 450/750V, for electric power, lighting and internal wiring
Rubber insulated cables	IEC 60245 : Rubber insulated cables with rated voltages up to and including 450/750V BS 6500 : Electric cables. Flexible cords with rated voltages up to and including 300/500V, for use with appliances and equipment intended for domestic, office and similar environments

1.2.2 **Switches for Appliances and Automatic Controls for Electrical Household Appliances**

<u>Electrical Products</u>	<u>Standards</u>
Circuit breakers for equipment	IEC 60934 : Circuit-breakers for equipment
Control circuit devices	IEC 60730 : Automatic electrical controls for household and similar use
Switches for appliances	IEC 61058 : Switches for appliances
Electromechanical contactors	IEC 61095 : Electromechanical contactors for household and similar purposes

1.2.3 **Household and Similar Equipment**

<u>Electrical Products</u>	<u>Standards</u>
Air-cleaning appliances	IEC 60335-2-65 : Particular requirements for air-cleaning appliances

Air-conditioners	IEC 60335-2-40 : Particular requirements for electrical heat pumps, air conditioners and dehumidifiers
Air fresheners	IEC 60335-2-101 : Particular requirements for vaporizers
Appliances for heating liquids	IEC 60335-2-15 : Particular requirements for appliances for heating liquids
Appliances for skin or hair care	IEC 60335-2-23 : Particular requirements for appliances for skin or hair care
Battery chargers	IEC 60335-2-29 : Particular requirements for battery chargers
Cleaning appliances	IEC 60335-2-54 : Particular requirements for surface -cleaning appliances for household use employing liquids or steam
Clocks	IEC 60335-2-26 : Particular requirements for clocks
Clothes dryers	IEC 60335-2-43 : Particular requirements for clothes dryers and towel rails
Cooking ranges	IEC 60335-2-6 : Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances
Deep fat fryers	IEC 60335-2-13 : Particular requirements for deep fat fryers, frying pans and similar appliances
Dehumidifiers	IEC 60335-2-40 : Particular requirements for electrical heat pumps, air conditioners and dehumidifiers
Dishwashers	IEC 60335-2-5 : Particular requirements for dishwashers
Electric dry irons	IEC 60335-2-3 : Particular requirements for electric irons
Electric fans	IEC 60335-2-80 : Particular requirements for fans
Electric hair dryers	IEC 60335-2-23 : Particular requirements for appliances for skin or hair care

Electric ironers (with padded surface for pressing)	IEC 60335-2-44 : Particular requirements for ironers
Electric kitchen machines	IEC 60335-2-14 : Particular requirements for kitchen machines
Electric pumps for liquids	IEC 60335-2-41 : Particular requirements for pumps.
Electric sauna heating appliances	IEC 60335-2-53 : Particular requirements for sauna heating appliances
Electric shavers	IEC 60335-2-8 : Particular requirements for electric shavers, hair clippers and similar appliances
Electric steam irons	IEC 60335-2-3 : Particular requirements for electric irons
Electric toilets	IEC 60335-2-84 : Particular requirements for toilets
Electrical appliances for use with aquariums and garden ponds (e.g. aerators, aquarium heaters)	IEC 60335-2-55 : Particular requirements for electrical appliances for use with aquariums and garden ponds
Electrically heated blankets	IEC 60335-2-17 : Particular requirements for blankets, pads and similar flexible heating appliances
Electrically heated pads	IEC 60335-2-17 : Particular requirements for blankets, pads and similar flexible heating appliances
Fabric steamers	IEC 60335-2-85 : Particular requirements for fabric steamers
Fixed immersion heaters	IEC 60335-2-73 : Particular requirements for fixed immersion heaters
Flexible sheet heating elements for room heating	IEC 60335-2-96 : Particular requirements for flexible sheet heating elements for room heating
Floor treatment machines	IEC 60335-2-10 : Particular requirements for floor treatment machines and wet scrubbing machines
Food freezers	IEC 60335-2-24 : Particular requirements for

	refrigerating appliances, ice-cream appliances and ice-makers
Food waste disposers	IEC 60335-2-16 : Particular requirements for food waste disposers
Foot warmers and heating mats	IEC 60335-2-81 : Particular requirements for foot warmers and heating mats
Frying pans	IEC 60335-2-13 : Particular requirements for deep fat fryers, frying pans and similar appliances
Grills	IEC 60335-2-9 : Particular requirements for grills, toasters and similar portable cooking appliances
Hair clippers	IEC 60335-2-8 : Particular requirements for electric shavers, hair clippers and similar appliances
Humidifiers	IEC 60335-2-88 : Particular requirements for humidifiers intended for use with heating, ventilation, or air-conditioning systems IEC 60335-2-98 : Particular requirements for humidifiers
Ice-makers	IEC 60335-2-24 : Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers
Induction hotplates	IEC 60335-2-9 : Particular requirements for grills, toasters and similar portable cooking appliances
Insect killers	IEC 60335-2-59 : Particular requirements for insect killers
Insect repellents	IEC 60335-2-101 : Particular requirements for vaporizers
Instantaneous water heaters	IEC 60335-2-35 : Particular requirements for instantaneous water heaters
Massage appliances	IEC 60335-2-32 : Particular requirements for massage appliances
Microwave ovens	IEC 60335-2-25 : Particular requirements for microwave ovens, including combination

	microwave ovens
Motor compressors	IEC 60335-2-34 : Particular requirements for motor compressors
Oral hygiene appliances	IEC 60335-2-52 : Particular requirements for oral hygiene appliances
Outdoor barbecues	IEC 60335-2-78 : Particular requirements for outdoor barbecues
Ovens	IEC 60335-2-6 : Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances
Portable heating tools	IEC 60335-2-45 : Particular requirements for portable heating tools and similar appliances
Portable immersion heaters	IEC 60335-2-74 : Particular requirements for portable immersion heaters
Power transformers and power supply units	IEC 61558: Safety of power transformers, power supply units and similar
Projectors	IEC 60335-2-56 : Particular requirements for projectors and similar appliances
Range hoods	IEC 60335-2-31 : Particular requirements for range hoods
Refrigerators	IEC 60335-2-24 : Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers
Roasters	IEC 60335-2-9 : Particular requirements for grills, toasters and similar portable cooking appliances
Room heaters	IEC 60335-2-30 : Particular requirements for room heaters
Sewing machines	IEC 60335-2-28 : Particular requirements for sewing machines
Spin extractors	IEC 60335-2-4 : Particular requirements for spin extractors
Storage water heaters (other than unvented type)	IEC 60335-2-21 : Particular requirements for storage water heaters
Thermal storage room heaters	IEC 60335-2-61 : Particular requirements for

	thermal storage room heaters
Toasters	IEC 60335-2-9 : Particular requirements for grills, toasters and similar portable cooking appliances
Towel rails	IEC 60335-2-43 : Particular requirements for clothes dryers and towel rails
Tumble dryers	IEC 60335-2-11 : Particular requirements for tumble dryers
Ultraviolet and infrared radiation skin treatment appliances	IEC 60335-2-27 : Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation
Vacuum cleaners	IEC 60335-2-2 : Particular requirements for vacuum cleaners and water-suction cleaning appliances
Vaporizers	IEC 60335-2-101 : Particular requirements for vaporizers
Warming plates	IEC 60335-2-12 : Particular requirements for warming plates and similar appliances
Washing machines	IEC 60335-2-7 : Particular requirements for washing machines
Water suction cleaning appliances	IEC 60335-2-2 : Particular requirements for vacuum cleaners and water-suction cleaning appliances
Water-bed heaters	IEC 60335-2-66 : Particular requirements for water-bed heaters
Wet scrubbing machines	IEC 60335-2-10 : Particular requirements for floor treatment machines and wet scrubbing machines
Whirlpool baths	IEC 60335-2-60 : Particular requirements for whirlpool baths and whirlpool spas

1.2.4 Installation Accessories and Connection Devices

Electrical Products

Standards

Appliance couplers	IEC 60320 : Appliance couplers for household and similar general purposes
Connecting devices	IEC 60998 : Connecting devices for

	low-voltage circuits for household and similar purposes
	IEC 60999 : Connecting devices – Electrical copper conductors : Safety requirements for screw-type and screwless-type clamping units
Low-voltage switchgear	IEC 60947 : Low-voltage switchgear and controlgear
Shaver supply units/sockets	BS 3535 : Isolating transformers and safety isolating transformers, or BS 4573 : Specification for 2-pin reversible plugs and shaver socket- outlets
Socket-outlets	BS 546 : Specification. Two-pole and earthing-pin plugs, socket-outlets and socket-outlet adaptors, or BS 1363 Part 2 : Specification for 13A switched and unswitched socket-outlets
Switches	IEC 60669 : Switches for household and similar fixed-electrical installations

1.2.5 **Lighting**

Electrical Products

Standards

A.C. supplied electronic ballasts of tubular fluorescent lamps	IEC 61347-2-3 : Particular requirements for a.c. supplied electronic ballasts for fluorescent lamps
Ballasts for discharge lamps	IEC 61347-2-9 : Particular requirements for ballasts for discharge lamps (excluding fluorescent lamps)
Ballasts for tubular fluorescent lamps	IEC 61347-2-8 : Particular requirements for ballasts for fluorescent lamps
Double capped fluorescent lamps	IEC 61195 : Double-capped fluorescent lamps - Safety specifications
Electrical supply track systems for luminaires	IEC 60570 : Electrical supply track systems for luminaires
Electronic step-down convertors for filament lamps	IEC 61347-2-2 : Particular requirements for d.c. or a.c. supplied electronic step-down convertors for filament lamps

Floodlights	IEC 60598-2-5 : Luminaires - Floodlights
Handlamps	IEC 60598-2-8 : Luminaires - Handlamps
Incandescent lamps	IEC 60432 : Incandescent lamps – Safety specifications
Lamp caps	IEC 60061-1 : Lamp caps and holders together with gauges for the control of interchangeability and safety - Lamp caps
Lamp holders (other than Edison screw & bayonet type)	IEC 60061-2 : Lamp caps and holders together with gauges for the control of interchangeability and safety – Lampholders
Lampholders for tubular fluorescent lamps	IEC 60838 : Miscellaneous lampholders IEC 60400 : Lampholders for tubular fluorescent lamps and starterholders
Lighting chains	IEC 60598-2-20 : Luminaires - Lighting chains
Luminaires for aquarium	IEC 60598-2-11 : Luminaires - Aquarium luminaires
Luminaires, fixed, general purpose	IEC 60598-2-1 : Luminaires - Fixed general purpose luminaires
Luminaires for emergency	IEC 60598-2-22 : Luminaires - Luminaires for emergency lighting
Luminaires with built-in transformers for filament lamps	IEC 60598-2-6 : Luminaires - Luminaires with built-in transformers for filament lamps
Nightlights	IEC 60598-2-12: Mains socket-outlet mounted nightlights
Photo and film luminaires (non-professional)	IEC 60598-2-9 : Luminaires - Photo and film luminaires (non-professional)
Portable child-appealing luminaires	IEC 60598-2-10 : Luminaires - Portable luminaires for children
Portable general purpose luminaires	IEC 60598-2-4 : Luminaires - Portable general purpose luminaires
Portable luminaires for garden use	IEC 60598-2-7 : Luminaires - Portable luminaires for garden use
Recessed luminaires	IEC 60598-2-2 : Luminaires - Recessed

Self-ballasted lamps	luminaires IEC 60968 : Self-ballasted lamps for general lighting services - Safety requirements
Single-capped fluorescent lamps	IEC 61199 : Single-capped fluorescent lamps - Safety specifications
Starterholders for tubular fluorescent lamps	IEC 60400 : Lampholders for tubular fluorescent lamps and starterholders
Starters for tubular fluorescent lamps	IEC 60155 : Glow starters for fluorescent lamps
Starting devices	IEC 61347-2-1 : Particular requirements for starting devices (other than glow starters)
Tungsten filament lamps	IEC 60432-1 : Incandescent lamps – Safety specifications – Part 1: Tungsten filament lamps for domestic and similar general lighting purposes
Tungsten halogen lamps	IEC 60432-2 : Incandescent lamps – Safety specifications – Part 2: Tungsten halogen lamps for domestic and similar general lighting purposes

1.2.6 **Information Technology Equipment**

Electrical Products

Standards

Copying machine	IEC 60950 : Information technology equipment - Safety
Data processing equipment	IEC 60950 : Information technology equipment - Safety
Facsimile machine	IEC 60950 : Information technology equipment - Safety
Modem	IEC 60950 : Information technology equipment - Safety
Telephone answering machines	IEC 60950 : Information technology equipment - Safety
Typewriters	IEC 60950 : Information technology equipment - Safety

Visual Display Units for computer

IEC 60950 : Information technology equipment
- Safety

1.2.7 **Installation Protective Equipment**

Electrical Products

Standards

Circuit-breakers

IEC 60898 : Electrical accessories - Circuit breakers for overcurrent protection for household and similar installations, or

BS EN 60898 : Circuit-breakers for overcurrent protection for household and similar installations. Circuit-breakers for a.c. and d.c. operation

Fuse

IEC 60127 : Miniature fuses, or

IEC 60269 : Low-voltage fuses, or

BS 88 : Cartridge fuses for voltages up to and including 1000V a.c. and 1500V d.c., or

BS 646 : Specification. Cartridge fuse-links (rated up to 5 amperes) for a.c. and d.c. service, or

BS 1361 : Specification for cartridge fuses for a.c. circuits in domestic and similar premises, or

BS 1362 : Specification for general purpose fuse-links for domestic and similar purposes (primarily for use in plugs)

Fuse-holders for
miniature cartridge fuse-links

IEC 60127-6 : Miniature fuses - Fuse-holders for miniature cartridge fuse-links, or

BS EN 60127-6 : Fuse-holders for miniature cartridge fuse-links

Residual current operated protective
devices

BS 4293 : Specification for residual current-operated circuit-breakers, or

BS 7288 : Specification for socket-outlets incorporating residual current devices (S.R.C.D.s), or

BS EN 61008 : Specification for residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs), or

BS EN 61009 : Specification for residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs), or

IEC 61008 : Residual current operated circuit

breakers without integral overcurrent protection for household and similar uses (RCCBs), or

IEC 61009 : Residual current operated circuit breakers with integral overcurrent protection for household and similar uses (RCBOs)

1.2.8 Portable Tools (which are designed for household use)

Electrical Products

Standards

Drills

IEC 60745-2-1 : Hand-held motor-operated electric tools – Safety – Particular requirements for drills and impact drills

Screwdrivers

IEC 60745-2-2 : Hand-held motor-operated electric tools – Safety – Particular requirements for screwdrivers and impact wrenches

Sanders

IEC 60745-2-4 : Hand-held motor-operated electric tools – Safety – Particular requirements for sanders and polishers other than disk type

1.2.9 Electronics. Entertainment

Electrical Products

Standards

Alarm systems

IEC 60839 : Alarm systems

Amplifiers

IEC 60065 : Audio, video and similar electronic apparatus - Safety requirements

Audio equipment *	IEC 60065 : Audio, video and similar electronic apparatus - Safety requirements
Karaoke equipment *	IEC 60065 : Audio, video and similar electronic apparatus - Safety requirements
Television	IEC 60065 : Audio, video and similar electronic apparatus - Safety requirements
Video equipment *	IEC 60065 : Audio, video and similar electronic apparatus - Safety requirements

* Audio or video equipment which use lasers shall also conform to the requirements of IEC 60825 : Safety of laser products

- As from 1997 all new IEC standards, as well as new editions, revisions and amendments to existing publications are being issued with a designation in the 60000 series. It will be necessary to add 60000 to the old base number. The IEC standards on test certificates issued before 1997 may use the old series of numbers whereas the new 60000 numbering system will be used in new testing certificates.

Annex

Item	Type of Electrical Product	Standard Number	Edition	Year of Publication	Edition of Applicable IEC60335-1 Standard
1	Television (CRT)	IEC 60065	Seventh	2001	Not applicable
2	Spin extractors	IEC 60335-2-4	Fifth	2002	Fourth (2001)
3	Tumble dryers	IEC 60335-2-11	Sixth	2002	Fourth (2001)
4	Washing machines	IEC 60335-2-7	Sixth	2002	Fourth (2001)
5	Electrically heated blankets	IEC 60335-2-17	Second	2002	Fourth (2001)
6	Electrically heated pads	IEC 60335-2-17	Second	2002	Fourth (2001)
7	Instantaneous water heaters	IEC 60335-2-35	Fourth	2002	Fourth (2001)
8	Storage water heaters (other than unvented type)	IEC 60335-2-21	Fifth	2002	Fourth (2001)
9	Air-conditioners/ Dehumidifiers	IEC 60335-2-40	Fourth	2002	Fourth (2001)
10	Room heaters	IEC 60335-2-30	Fourth	2002	Fourth (2001)
11	Range hoods	IEC 60335-2-31	Fourth	2002	Fourth (2001)
12	Refrigerators	IEC 60335-2-24	Sixth	2002	Fourth (2001)
13	Television (LCD/Plasma)	IEC 60065	Seventh	2001	Not applicable
14	Electric dry irons	IEC 60335-2-3	Fifth	2002	Fourth (2001)
15	Electric steam irons	IEC 60335-2-3	Fifth	2002	Fourth (2001)
16	Microwave ovens	IEC 60335-2-25	Fifth	2002	Fourth (2001)
17	Electric ironers (with padded surface for pressing)	IEC 60335-2-44	Third	2002	Fourth (2001)
18	Humidifiers	IEC 60335-2-88	Second	2002	Fourth (2001)
19	Motor compressors	IEC 60335-2-34	Fourth	2002	Fourth (2001)
20	Portable heating tools	IEC 60335-2-45	Third	2002	Fourth (2001)
21	Cooking ranges	IEC 60335-2-6	Fifth	2002	Fourth (2001)
22	Dishwashers	IEC 60335-2-5	Fifth	2002	Fourth (2001)
23	Electric shavers	IEC 60335-2-8	Fifth	2002	Fourth (2001)
24	Foot warmers and heating mats	IEC 60335-2-81	Second	2002	Fourth (2001)
25	Grills	IEC 60335-2-9	Fifth	2002	Fourth (2001)
26	Hair clippers	IEC 60335-2-8	Fifth	2002	Fourth (2001)
27	Induction hotplates	IEC 60335-2-9	Fifth	2002	Fourth (2001)
28	Ovens	IEC 60335-2-6	Fifth	2002	Fourth (2001)
29	Portable immersion heaters	IEC 60335-2-74	Second	2002	Fourth (2001)
30	Projectors	IEC 60335-2-56	Third	2002	Fourth (2001)
31	Roasters	IEC 60335-2-9	Fifth	2002	Fourth (2001)
32	Toasters	IEC 60335-2-9	Fifth	2002	Fourth (2001)
33	Vacuum cleaners	IEC 60335-2-2	Fifth	2002	Fourth (2001)
34	Water suction cleaning appliances	IEC 60335-2-2	Fifth	2002	Fourth (2001)
35	Water-bed heaters	IEC 60335-2-66	Second	2002	Fourth (2001)
36	Deep fat fryers	IEC 60335-2-13	Fifth	2002	Fourth (2001)
37	Floor treatment machines	IEC 60335-2-10	Fifth	2002	Fourth (2001)
38	Frying pans	IEC 60335-2-13	Fifth	2002	Fourth (2001)
39	Massage appliances	IEC 60335-2-32	Fourth	2002	Fourth (2001)
40	Sewing machines	IEC 60335-2-28	Fourth	2002	Fourth (2001)
41	Wet scrubbing machines	IEC 60335-2-10	Fifth	2002	Fourth (2001)
42	Air-cleaning appliances	IEC 60335-2-65	Second	2002	Fourth (2001)
43	Appliances for skin or hair care	IEC 60335-2-23	Fifth	2003	Fourth (2001)
44	Cleaning appliances	IEC 60335-2-54	Third	2002	Fourth (2001)
45	Clocks	IEC 60335-2-26	Fourth	2002	Fourth (2001)
46	Clothes dryers	IEC 60335-2-43	Third	2002	Fourth (2001)
47	Electric hair dryers	IEC 60335-2-23	Fifth	2003	Fourth (2001)
48	Electric kitchen machines	IEC 60335-2-14	Fourth	2002	Fourth (2001)
49	Electric pumps for liquids	IEC 60335-2-41	Third	2002	Fourth (2001)
50	Electric sauna heating appliances	IEC 60335-2-53	Third	2002	Fourth (2001)
51	Electric toilets	IEC 60335-2-84	Second	2002	Fourth (2001)
52	Electrical appliances for use with aquariums and garden ponds	IEC 60335-2-55	Third	2002	Fourth (2001)
53	Fabric steamers	IEC 60335-2-85	Second	2002	Fourth (2001)
54	Insect killers	IEC 60335-2-59	Third	2002	Fourth (2001)
55	Oral hygiene appliances	IEC 60335-2-52	Third	2002	Fourth (2001)
56	Outdoor barbecues	IEC 60335-2-78	Second	2002	Fourth (2001)
57	Thermal storage room heaters	IEC 60335-2-61	Second	2002	Fourth (2001)
58	Towel rails	IEC 60335-2-43	Third	2002	Fourth (2001)
59	Ultraviolet and infrared radiation skin treatment appliances	IEC 60335-2-27	Fourth	2002	Fourth (2001)
60	Warming plates	IEC 60335-2-12	Fifth	2002	Fourth (2001)
61	Whirlpool baths	IEC 60335-2-60	Third	2002	Fourth (2001)
62	Food waste disposers	IEC 60335-2-16	Fifth	2002	Fourth (2001)
63	Appliances for heating liquids	IEC 60335-2-15	Fifth	2002	Fourth (2001)
64	Battery chargers	IEC 60335-2-29	Fourth	2002	Fourth (2001)
65	Food freezers	IEC 60335-2-24	Sixth	2002	Fourth (2001)
66	Ice-makers	IEC 60335-2-24	Sixth	2002	Fourth (2001)
67	Electric Fans (including exhaust fans)	IEC 60335-2-80	Second	2002	Fourth (2001)