




**SINGAPORE CONSUMER PROTECTION (SAFETY REQUIREMENTS)
REGISTRATION SCHEME**



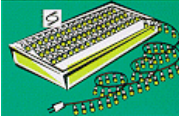


6 CONTROLLED GOODS AND THEIR APPLICABLE SAFETY STANDARDS

Controlled Goods	Definitions	Safety Standards
<p>Air cooler</p> 	<p>An electrically operated appliance for agitating the air equipped to use water as a cooling medium and its associated regulator intended for use on single phase a.c. and d.c. circuits not exceeding 250V for household and similar purposes.</p>	<p>IEC 60335-2-98: 2002</p>
<p>Adaptor</p> 	<p>A device designed to supply a.c. or d.c. power from an a.c. or d.c. source, either by itself or as part of an accessory, for applications such as computers, telecommunication equipment, home entertainment equipment or toys.</p>	<p>(applicable for electrical appliances) IEC 61558-2-6: 1997 or IEC 61558-2-16: 2009</p> <p>(applicable for electronic appliances) IEC 60065: 2001</p> <p>(applicable for computer / telephonic appliances) IEC 60950-1: 2001</p> <p>(applicable for shavers) IEC 60335-2-8: 2002</p> <p>(applicable for battery chargers) IEC 60335-2-29: 2004</p> <p>(applicable for LED lightings) IEC 61347-2-13: 2006</p> <p>(applicable for table/standing lamps) IEC 60598-2-4: 1997</p>
<p>Any other audio products</p> 	<p>Any other electronic device (other than High-fidelity set) for the reproduction of sound, connected to the supply mains, either directly or indirectly.</p>	<p>IEC 60065: 2001</p>

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<p>Cooking range</p> 	<p>A device for cooking and includes separate stationary ovens and grills, cooking table cookers, hob elements, grills and griddles which form part of cooking ranges, and ovens and grills for installation in walls except a cooking range having a mass of less than 18kg.</p>	<p>IEC 60335-2-6: 2002</p>
<p>Coffee maker, slow cooker, steam boat and similar appliances</p> 	<p>An electrically operated appliance that heats water up to high temperatures in the course of food and beverage preparation.</p>	<p>IEC 60335-2-15: 2002</p>
<p>Decorative lighting fixture</p> 	<p>Lighting chains fitted with a series or parallel connected incandescent lamps for use either indoors or outdoors on supply voltages not exceeding 250 volts.</p>	<p>IEC 60598-2-20: 1996 or IEC 60598-2-20: 2002</p>
<p>Hair dryer</p> 	<p>An electrically operated appliance intended to be used for the drying of hair of persons and incorporating heating elements.</p>	<p>IEC 60335-2-23: 2003</p>
<p>Home computer system (inclusive of monitor, printer, speaker and other mains operated accessories)</p> 	<p>A microprocessor based data system with compact, local computing and calculating power on high definition graphics and with flexible data communication interfacing.</p>	<p>IEC 60950-1: 2001</p>

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Controlled Goods	Definitions	Safety Standards
<p>High-fidelity set</p> 	<p>An electronic device for reproduction of sound, with little distortion, connected to the supply mains as the only energy source intended for domestic and similar general indoor use with a rated supply voltage not exceeding 250 volts rms.</p>	<p>IEC 60065: 2001</p>
<p>Iron</p> 	<p>An electrically operated appliance with heated soleplate for ironing of clothes, for household and similar purposes.</p>	<p>IEC 60335-2-3: 2002</p>
<p>Immersion water heater</p> 	<p>A portable household apparatus for heating liquid by immersing an electrically heated rod into it.</p>	<p>IEC 60335-2-74: 2002</p>
<p>Kettle</p> 	<p>Namely an electrically operated household appliance for heating of water for consumption, having a rated capacity not exceeding 10 litres.</p>	<p>IEC 60335-2-15: 2002</p>
<p>Laser disc set</p> 	<p>An electronic device for video recording and play-back or laser disc for play-back only connected to the supply mains, either directly or indirectly, and intended for domestic and similar general indoor use.</p>	<p>IEC 60065: 2001</p>

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REGISTRATION SCHEME**





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Controlled Goods	Definitions	Safety Standards
<p>Microwave oven</p> 	<p>An electrically operated appliance for heating food and beverages using electromagnetic energy (microwaves) in one or more of the I.S.M. frequency bands between 300 MHz and 30 GHz and intended for household use. These appliances may also incorporate a browning function.</p>	<p>IEC 60335-2-25: 2002</p>
<p>Mobile split air-conditioner</p> 	<p>An encased mobile assembly designed to provide delivery of conditioned air to an enclosed space, room or zone, including an electrically operated refrigeration system for cooling and possibly dehumidifying the air.</p>	<p>IEC 60335-2-40: 2002</p>
<p>Mixer, blender, mincer and similar appliances</p> 	<p>An electrically operated machine for food and beverage preparation and intended for household use.</p>	<p>IEC 60335-2-14: 2002</p>
<p>Refrigerator</p> 	<p>A self-contained assembly consisting of a thermally insulated cabinet for the storage and preservation of foodstuffs above 0°C and of a refrigerating unit operating on the vapour compression principle and arranged to extract heat from within the cabinet, whether or not with one or more freezer compartments.</p>	<p>IEC 60335-2-24: 2000</p>

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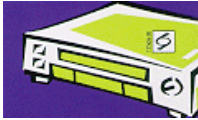
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Controlled Goods	Definitions	Safety Standards
<p>Rice cooker</p> 	<p>An electrically operated household appliance for cooking rice.</p>	<p>IEC 60335-2-15: 2002</p>
<p>Room air-conditioner</p> 	<p>A self-contained assembly designed as a unit, primarily for mounting in a window or through the wall or as a console. It is designed primarily to provide free delivery of conditioned air to an enclosed space, room or zone (conditioned space). It includes a prime source of refrigeration for cooling and dehumidification and means for the circulation and the cleaning of air, and a drain arrangement for collecting and/or disposing any condense. It may also include means for humidifying, ventilating or exhausting air.</p>	<p>IEC 60335-2-40: 2002</p>
<p>Television / video display unit</p> 	<p>Namely an electronic device for receiving and displaying information from a transmitting station or local source. The device is to be connected to the supply mains either directly or indirectly, and intended for domestic and similar general indoor use.</p>	<p>IEC 60065: 2001</p>
<p>Table / standing fan</p> 	<p>An electrically operated appliance for agitating the air, and their associated regulator intended for use on single-phase a.c. and d.c. circuits not exceeding 250V and intended for household and similar purposes.</p>	<p>IEC 60335-2-80: 2002</p>

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Controlled Goods	Definitions	Safety Standards
<p>Table lamp/ standing lamp</p> 	<p>A portable general purpose luminaire, other than handlamps, for use with tungsten filament, tubular fluorescent and other discharge lamps connected to the supply mains, either directly or indirectly.</p>	<p>IEC 60598-2-4: 1997</p>
<p>Toaster, grill, roaster, hot plate, deep fryer, wok and similar appliances</p>  <p><i>Hot plate (induction type) would be controlled with effect from 1 April 2005</i></p>	<p>Namely electric appliances connected to the supply mains, which make use of direct or indirect (e.g. heated medium such as air and cooking oil) heat for food preparation and intended for household use.</p>	<p>(applicable for toaster, hot plate (including induction type), grill, oven and similar appliances) IEC 60335-2-9: 2002</p> <p>(applicable for deep fryer, electric wok and similar appliances) IEC 60335-2-13: 2002</p> <p>(applicable for outdoor electric barbeque grill) IEC 60335-2-78: 1995 (valid till 1 September 2011) or IEC 60335-2-78: 2005</p>
<p>Video cassette recorder</p> 	<p>An electronic device for video recording and playback or for playback only, connected to the supply mains either directly or indirectly, and intended for domestic and similar general indoor use.</p>	<p>IEC 60065: 2001</p>

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REGISTRATION SCHEME**







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Controlled Goods	Definitions	Safety Standards
Vacuum cleaner 	A machine which removes dirt and dust by the suction produced by a motor-driven air pump, and intended for household use and similar purposes.	IEC 60335-2-2: 2002
Washing machine 	An electrically operated appliance intended for washing clothes and textiles (whether or not with means for water heating), for water extraction or for drying.	IEC 60335-2-7: 2000
Wall fan / Ceiling fan 	An electric fan and its associated regulator intended for mounting on the wall or ceiling and for use on a single-phase a.c. and d.c. circuit not exceeding 250V for household and similar purposes.	IEC 60335-2-80: 2002 and SS 360: 1992 (sub-clauses 5.7 & 5.8 only) (applicable for ceiling fan)

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REGISTRATION SCHEME**





6 CONTROLLED GOODS AND THEIR APPLICABLE SAFETY STANDARDS

Controlled Goods	Definitions	Safety Standards
Components of the LPG gas system – Hose 	A hose for use in domestic Liquefied petroleum (LPG) vapour phase and liquefied petroleum gas or air appliances not exceeding 5KPa (50 mbar) operating pressure.	SS 233: 1996
Components of the LPG gas system – Regulator 	A non-adjustable device that maintains the outlet pressure constant at a nominal value upto and including 50 mbar, independent, within specified limits, of inlet pressure or flow rate.	SS 281: 1984
Components of the LPG gas system – Valve 	A device that is made from brass, bronze or aluminum forging, for use with domestic liquefied petroleum gas cylinders, for control of the direction and volume of flow of the liquefied petroleum gas.	SS 294: 1998
Gas cooker 	A domestic appliance combining burners for cooking by gas.	EN 30-1-1: 1998 or AG 101: 1998
Gas canister 	A non-refillable metallic container up to 1.4 litres capacity filled with liquefied petroleum gases.	SS 400: 1997
Portable cooking gas appliance 	A portable cooking appliance that uses liquefied petroleum gas, obtained from a gas canister (A non-refillable metal container up to 1.4 litres capacity filled with liquefied petroleum gases), as fuel.	SS 401: 1997

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REGISTRATION SCHEME**

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Controlled Goods	Definitions	Safety Standards
<p>3-pin rectangular type 13-amp plug</p> 	<p>A portable fused device having projecting pins designed to engage with the contacts of a corresponding socket-outlet. A plug also incorporates means for the electrical connection and the mechanical retention of a suitable flexible cord.</p>	<p>SS 145: Part 1: 1997</p>
<p>Fuse (≤ 13 amperes) for use in plug</p> 	<p>A device that, by the fusion of one or more of its specially designed and proportioned components, opens the circuit in which it is inserted and breaks the current when this exceeds a given value for a sufficient time. The fuse comprises all the parts that form the complete device.</p>	<p>SS 167: 1977</p>
<p>3-pin round type 15-amp plug</p> 	<p>A device carrying three metallic plug pins substantially cylindrical in form intended for engagements with corresponding socket contacts arranged for connection to a suitable flexible cord.</p>	<p>SS 472: 1999</p>
<p>Multi-way Adaptor</p> 	<p>An Adaptor having more than one set of socket contacts (the socket contacts may or may not be of the same type or rating as the plug pin portion)</p>	<p>SS 246: 1996 (valid till 1 September 2011) or SS 246: 2004</p>

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Controlled Goods	Definitions	Safety Standards
<p>3-pin portable socket-outlet</p> 	<p>An accessory having a set of three socket-contacts designed to engage with the pins of a corresponding plug and having means for the electrical connection of appropriate cables or flexible cords, for connection to, or integral with, a flexible cord, and which can be easily moved from one place to another while connected to the supply.</p>	<p>SS145: Part 2: 1997</p>
<p>Portable cable reel</p> 	<p>A device comprising a flexible cable or cord attached to a reel so constructed that the flexible cable may be completely wound onto the reel, and provided with a plug and one or more socket outlets.</p>	<p>SS 307: 1996</p>
<p>Instantaneous electric water heater</p> 	<p>An electrically operated stationary appliance for household and similar purposes and intended for heating water below boiling temperature with its rated voltage not more than 250 V for single-phase appliances and 480 V for other appliances.</p>	<p>SS 146: Part 2: 5: 2007</p>
<p>Mains pressure electric storage water heater</p> 	<p>An electrically operated stationary appliance for household and similar purposes and intended for storing and heating water below boiling temperature with its rated voltage not more than 250 V for single-phase appliances and 480 V for other appliances.</p>	<p>SS 146: Part 2: 8: 2007</p>

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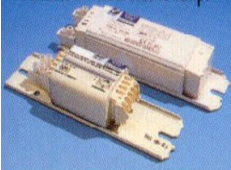
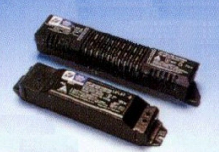
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Controlled Goods	Definitions	Safety Standards
Residual Current Circuit Breaker (RCCB) 	Residual Current Circuit Breaker (RCCB) namely a device intended to protect persons against indirect contact, the exposed conductive parts of the installation being connected to an appropriate earth electrode.	SS 97: Part 1: 2000 (valid till 1 September 2011) or SS 97: Part 1: 2005
3-pin 13-amp socket-outlet 	3-pin 13-amp socket-outlet namely a 13A shuttered socket-outlet in single or multiple arrangements with associated controlling switches, for flush mounting in suitable box or for surface or panel mounting. The socket-outlet is suitable for the connection of portable appliances, sound-version equipment, luminaries, etc., in a.c. circuits only operating at voltage not exceeding 250 V r.m.s. at 50 Hz.	SS 145: Part 2: 1997 BS 4177: 1992 (cooker control unit) BS 7288: 1990 (socket-outlet with RCD)
3-pin round type 15-amp socket-outlet 	3-pin round type 15-amp socket-outlet namely a 15A shuttered socket-outlet which contains switch connected between the current carrying contact of the socket-outlet and the relevant supply terminal for flush mounting in suitable box or for surface or panel mounting. The socket-outlet is suitable for the connection of electrical appliances in a.c. circuits only operating at voltage not exceeding 250 V r.m.s. at 50 Hz.	SS 472: 1999
Domestic electric wall switch 	Domestic electric wall switch namely a manually operated general purpose switch for a.c. only with a rated voltage not exceeding 440V and a rated current not exceeding 63A, intended for household and similar fixed-electrical installations, either indoors or outdoors.	SS 227: Part 1: 2000 or IEC 60669-1: 1998

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Ballast for tubular fluorescent lamp 	Ballast for tubular fluorescent lamp namely a unit inserted between the supply and one or more fluorescent lamps which, by means of inductance, capacitance or a combination of inductance and capacitance or electronic circuitry, serves mainly to limit the current of the lamp(s) to the required value.	(magnetic type) IEC 61347-2-8: 2000 (electronic type) IEC 61347-2-3: 2000
Isolating transformer for downlight fitting 	Isolating Transformer for downlight fitting namely a transformer with input and output windings which are electrically separated to limit hazards due to accidental simultaneous contact with earth and live parts or metal parts which may become live in the event of an insulation failure.	(magnetic type) IEC 61558-2-6: 1997 (electronic type) IEC 61347-2-2: 2000 or IEC 61347-2-13: 2006 (for LED downlight)

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