Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	*Relevant National Standard*	**E,S, S & E**	**NZ App or SDoC**
Electric wires & cables (CABL)	Cord sets	An electrical device which- (a)assembly consisting of a flexible cable fitted with a plug and a connector, intended for the connection of an electrical appliance to the electrical supply (b)to two-pole appliance couplers for a.c.only with or without earthing contact; and (c) has a maximum rating of 16 A; but does not include— (d) plugs, socket-outlets and couplers for industrial use; (e)cord extension set;	IEC 60799:1998 ed2	Types, basic parameters and dimensions of plugs in GB15934 shall comply with GB1002. Types, basic parameters and dimensions of plugs in Cord set in IEC60799 shall comply with IEC60083. Plus difference of IEC 60799(1984) between IEC 60799(1998)	CNCA-01C-001: 2011	GB15934-2008	S	SDoC
	Polyvinyl chloride insulated cables of rated voltage up to and including 450/750V	Polyvinyl chloride insulated cables which including wires and cords. Wire is designed for connection in outdoor overhead insulated cable, indoor lead-in, distribution wire, power supply and low voltage burying line for agro-using. Cables use as fixing wiring, flexible connection, internal wiring in power and lighting and electric instrument and telecom equipment with nominal voltage not exceeding 450/750V a.c. Cable is fit for fixed installation and cable with sheath can be installed in soil directly. Cord is used as connection in removable electric appliance (household electric appliance, electro-motion tools, etc), apparatus and power lighting. The working voltage is not exceeding 750V a.c. and most of them are 300V a.c. Flexible cable usually used in bending, remove and torsion situation which should have good flexible properties and stabile construction and fine abrade performance. Screen flexible cable is usually used in anti-interfere equipment such as various appliance, instrument, power equipment and automatic device.	IEC 60227-1: 2007 IEC 60227-2,-5: 2003 IEC 60227-3: 1997 IEC 60227-4: 1997 IEC 60227-6: 2001 ed3 IEC 60227-7: 2003	No Deviation	CNCA-01C-002: 2007	GB/T 5023.1~5-2008 GB/T 5023.6-2006 GB/T 5023.7-2008	S	SDoC
	Rubber insulated cables of rated voltages up to and including 450/750V	Wire is designed for connection in outdoor overhead insulated cable, indoor lead-in and distribution wiring and power supply connection. Cable is fit for fixed installation and used as connection and installation in power, lighting, electric instrument and telecom equipment with nominal voltage not exceeding 450/750Va.c. Flexible cable is used as connection in	JB/T 8735.1~.3-2011	No corresponding IEC standard.	CNCA-01C-002: 2007	JB/T 8735.1~.3-2011	S	SDoC

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	*Relevant National Standard*	**E,S, S & E**	**NZ App or SDoC**
		removable electric appliance (household electric appliance, electro-motion tools, etc), apparatus and power lighting. The working voltage is not exceeding 750V a.c. and most of them are 300V a.c. Flexible cable usually used in bending, remove and torsion situation which should have good flexible properties and stabile construction and fine abrade performance. Rubber insulated flexible cable can be used in rigorous environment.						

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	*Relevant National Standard*	**E,S, S & E**	**NZ App or SDoC**
Switches for Circuit, Installation Protective and Connection Devices	Appliance Couplers for Household and Similar General Purpose	An electrical device which— (a) to two-pole appliance couplers for a.c.only; (b) with or without earthing contact; and (c) has a maximum rating of 16 A; (d)has a voltage greater than 50V but not exceeding 250V for 50Hz or 60Hz; (f)for household and similar general purposes and intended for the connection of a supply cord to electrical appliances or other electrical equipment;	IEC 60320-1;2001 ed2+am1(2007) IEC 60320-2-2;1998 ed2 IEC 60320-2-3:2005 ed1.1 IEC 60320-2-4:2005 ed1	**IEC 60320-1 amended as follows:** **1**.**Scope**: **Note 1**: Delete the second sentence. **Note 3**: Amend the text to read: Appliance couplers complying with this standard are suitable for use at ambient temperatures not normally exceeding 35 °C, but occasionally reaching 40 °C. **9.1** In the GB Standard the standard sheets are numbered consecutively with no gaps. Change sheet C5 of IEC 60320-1 to C3, Following sheet numbers are renumbered accordingly. In the GB Standard, the test temperature is 35℃±2℃; while for IEC 60320-1 the test temperature is 25℃±2℃. **9.3** Replace IEC 60083 with GB2099.1 and GB1002. **9.4** Amend fourth paragraph to read "…at an ambient temperature of 40℃±2℃." **10.1** Third paragraph. Addition: "Use with 40V-50V" electrically to show whether it contacted with the component being tested; **10.2** Delete the "note" **13.3** Delete the "note". **13.12** In the third paragraph replace IEC 61058 and IEC 60730 with GB15092.1and GB/T14536.1 respectively. **14**.In the fourth paragraph amend the test temperature to read 40℃±2℃; **22.1** Delete the "note" **22.3** In the seventh paragraph delete "each time for 1 s." **27.1.3** Replace IEC 60695-2-10 with GB/T5169.11 **27.2** Delete IEC 60112 and replace with GB4207	CNCA-01C-006: 2011	GB17465.1-2009 GB17465.2-2009 GB17465.3-2008 GB17465.4-2009	S	SDoC

			IEC 60320-2-2: 1998 ed2	**1**: Replace the text of the fifth paragraph with the following: Interconnection couplers complying with this standard are suitable for use at ambient temperatures not normally exceeding 35 °C, but occasionally reaching 40 °C. **8.6**: Add the symbol  as an alternative to the earthing symbol  . **15.2** In the third paragraph replace the third column in the Table with the following: **Maximum diameter** **mm** 7,6 8,0 9,4 8,1 8,5 10,4		GB17465.2-2009		
			IEC 60320-2-4:2005 ed.1.0	**1 Scope** **Note 1**: Replace the first sentence with the following: Appliance couplers complying with this standard are suitable for use in appliances which are used in an ambient temperature not normally exceeding 35 °C but occasionally reaching 40 °C.		GB17465.4-2009		
			IEC 60320-2-3: 2005 ed1.1	**1 Scope** **Note 1** Replace the text with the following: Appliance couplers complying with this standard are suitable for use in appliances which are used in an ambient temperature not normally exceeding 35 °C but occasionally reaching 40 °C.		GB17465.3-2008		
	Plugs and Socket-outlets for Household and Similar General Purpose	**Plug:** An electrical device which— (a)accessory having pins designed to engage with the contacts of a socket-outlet, also incorporating means for the electrical connection and mechanical retention of flexible cable; (b) has two, three or four pins for insertion into a socket-outlet; and (c) has a maximum rating of 32 A; (d)has a voltage greater than 50V but not exceeding 440V; but does not include— (e) plugs, socket-outlets and couplers for industrial use; (f)appliance couplers; (g)plugs, fixed and portable socket-outlets for ELV	IEC 60884-1:2002 ed3 +am1:2006	**Ed 3+am1 differences:** **1 Scope** Replace text of the sixth paragraph with the following: *Plugs and fixed or portable socket-outlets complying with this standard are suitable for use at ambient temperatures not normally exceeding 35 °C, but occasionally reaching 40 °C.* **6.1 Table1**: In second row for '2P (non-rewirable plugs only)' delete "130 or" in second column **9.1:** Replace the text with the following: Plugs and socket-outlets shall comply with GB1002 **9.2** In the second dash point delete: "exceptions may be admitted for socket-outlets which are specially constructed for the purpose of allowing engagement with plugs of a lower number of poles, provided that no dangerous situation can arise, for example a connection between a live pole and an earthing contact or the interruption of the earthing circuit" Replace the text of the fifth paraghraph with the following: "Where the use of elastomeric or thermoplastic material is likely to influence the result of the test, it is carried out at an ambient temperature of (40 ± 2) °C, both the accessories and the gauges being at this temperature." **9.3** Delete sub-clause 9.3. **10.1** Replace the text of the seventh paragraph with the following: *"For accessories where the use of thermoplastic or elastomeric material is likely to influence the requirements, one additional test is made but at an ambient temperature of (40 ± 2)°C, the accessories being at this temperature."* **10.3** Replace the text of the third paragraph with the following: *"For accessories with enclosures or bodies of thermoplastic material, the test is made at an ambient temperature of (40 ± 2) °C, both the accessory and the gauge being at this temperature."* **10.5** Replace the text of the eleventh paragraph with the	CNCA-01C-003: 2011	GB2099.1-2008	S	App & SDoC

				following: *"For socket-outlets with enclosures or bodies of thermoplastic material, the test is made at an ambient temperature of (40 ± 2)°C, both the socket-outlets and the gauge being at this temperature."* **10.7**: Replace the text of the third paragraph with the following *"For socket-outlets with enclosures or bodies of thermoplastic material, the test is made at an ambient temperature of (35 ± 2) °C, both the socket-outlets and the gauge being at this temperature."* **14.2** Replace with the following: **14.2** Pins of portable accessories shall have adequate mechanical strength. *Compliance is checked by the test of clause 24* **16.3**:Replace the sixth paragraph with the following: *The temperature of the air in which the specimens are placed is maintained at 40°C ±2°C.* Replace the seventh paragraph with the following: *Before being placed in the humidity cabinet, the specimens are brought to a temperature of 40°C.* **20 Breaking capacity** Replace the text of the second paragraph with the following: *Compliance is checked by testing socket-outlets by means of an appropriate test apparatus, an example of which is shown in figure 16.* Replace the text of the fourth paragraph with the following: *Socket-outlets are tested using a test plug with brass pins and having the maximum specified dimensions, with a tolerance of +0 -0.05 mm, and spaced at the nominal distance, with a tolerance of -0 + 0.05 mm. As far as the extremities of the sleeves are concerned, it is sufficient that their dimensions are within the tolerances given in the relevant standard sheet.* **21 Normal operation** Replace the text of the second paragraph with the following: *Compliance is checked by testing socket-outlets, and plugs with resilient earthing socket-contacts, by means of an appropriate test apparatus, an example of which is shown in figure 16.* Replace the text of the third paragraph with the following: *The test pins (during the socket-outlet test) and the fixed socket-outlets (during the plug test for plugs with resilient earthing socket-contacts) shall be replaced after 4 500 and 9 000 strokes.* Replace the text of the sixth paragraph with the following: *Socket-outlets are tested using a test plug with brass pins and having the maximum specified dimensions, with a tolerance of +0 -0.05 mm, and spaced at the nominal distance, with a tolerance of -0 + 0.05 mm. As far as the extremities of the sleeves are concerned, it is sufficient that their dimensions are within the tolerances given in the relevant standard sheet* **24 Mechanical strength** Delete sub-clause 24.7. **28 Resistance of Insulating material to abnormal heat, to fire and to tracking** Delete sub-clause 28.1.2. **30 Additional tests on pins provided with insulating sleeves** Delete clause 30.				
			IEC 60884-2-2:2006 ed2.0	No Deviation		GB2099.2-2012		
			GB1002-2008 GB1003-2008	No corresponding IEC standard.		GB1002-2008 GB1003-2008		
		Socket-outlet (a)accessory having socket-contacts designed to engage with the pins of a plug and having terminals for the connection of cable; (b) has two, three or four pins for contacts; and (c) has a maximum rating of 32 A; (d)has a voltage greater than 50V but not exceeding 440V; but does not include—	IEC 60884-1: 2007 Ed3.1	See above	CNCA-01C-003: 2011	GB2099.1-2008	S	**APP & SDoC**
			IEC 60884-2-2:2006 ed2.0	No Deviation		GB2099.2-2012		
			GB1002-2008 GB1003-2008	*No corresponding IEC standard*		GB1002-2008 GB1003-2008		

	(e) plugs, socket-outlets and couplers for industrial use; (f)appliance couplers; (g)plugs, fixed and portable socket-outlets for ELV						
Switches for Household and Similar Fixed-Electrical Installations	An electrical device which— (a) is an air-break switch; (b) designed to make or break the current in one or more electric circuits; (c) is manually opened and manually closed; and (d)rated voltage not exceeding 440V a.c. and (e)rated current not exceeding 63A	IEC 60669-1:2003 ed3.1	**1 Scope** Replace the test of the fifth paragraph with the following: Switches complying with this standard are suitable for use at ambient temperatures not normally exceeding 35 °C, but occasionally reaching 40 °C. **6.2** In the second paragraph add the following second sentence: The rated current of cord switches for fixed-electrical installations can be 4A. **10.1** Replace the text of the sixth paragraph with the following: *Switches, having enclosures or covers in thermoplastic or elastomeric material, are subjected to the following additional test, which is carried out at an ambient temperature of 35 °C ± 2 °C, the switches being at this temperature.* **15.3** Replace the sixth and seventh paragraphs with the following: *The temperature of the air in which the specimens are placed is maintained at 40℃± 2℃..* *Before being placed in the humidity cabinet, the specimens are brought to a temperature of 40℃± 2℃..*	CNCA-01C-004: 2011	GB16915.1-2003	S	APP & SDoC

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	*Relevant National Standard*	**E,S, S & E**	**NZ App or SDoC**
Low-voltage Electrical Apparatus	Over-current protective circuit-breakers for household and similar uses	Circuit-breaker which- (a) is an enclosed air-break switch; (b) opens a low voltage circuit automatically under predetermined conditions of overcurrent; (c) is for the protection against the over-currents of wiring installation of buildings or similar applications; (d) is designed for use by uninstructed people and for not being maintained; (e) is for operation at 50Hz; (f) has a rated voltage more than 36V a.c. and not exceeding 440V a.c (between phases) and a rated current not exceeding 125A and a rated short-circuit capacity not exceeding 25000A;	IEC 60898-1:2002	No Deviation	CNCA-01C-012: 2007	GB10963.1-2005	S	App & SDoC
	AC Semiconductor Motor Controllers And Starters	This standard applies to controllers and starters, which may include a series mechanical switching device, intended to be connected to circuits. The controllers and starters are not normally designed to interrupt short-circuit currents. Therefore, suitable short-circuit protection should form part of the installation, but not necessarily of the controller or starter. 1. AC semiconductor motor controller: semiconductor switching device that provides the starting function for an a.c. motor and an OFF-state. 2. Semiconductor motor starter: a.c. semiconductor motor controller with suitable overload protection, rated as a unit.	IEC 60947-1:2001 IEC 60947-4-2:2002	Test of resistance to Damp heat (Humidity Test) GB 14048.1-2006 Annex K No Deviation	CNCA-01C-011: 2007	GB14048.1-2006 GB14048.6-2008		

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	*Relevant National Standard*	**E,S, S & E**	**NZ App or SDoC**
Small-Power Motor		A.c. asynchronous motors with maximum rated power not exceeding 1.1 kW while synchronous rotational speed converting to 1500 rpm, a.c. synchronous motors, a.c. series motor and d.c. motor	Based on IEC 60034		CNCA-01C-013: 2007	GB12350-2009 GB14711-2006		

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	*Relevant National Standard*	**E,S, S & E**	**NZ App or SDoC**
Electric Tools	General	Electric tools, which are hand-held motor-operated or magnetically driven and incorporated with the supply cords and switches in them The rated voltage shall be no more than 250 V (for single phase) but 220 V shall be covered or 440 V (for three phases) but 380 V shall be covered and no less than 50 V. The frequency of the power supply shall 50 (50-60) Hz or direct current. **Excepting tools with high frequency (more than 60 Hz) or with the function of protecting against explosion.**			CNCA-01C-014: 2011			
	Drills including Impact drills	**Drill angle drill** a. Tools intended for boring holes in various materials, such as metal, plastic, wood and so on. b. There are various speeds, such as single speed, double speed and multi-speed. There is no impact mechanism. In general, series motors are used. Occasionally the three phases asynchronous motors are used. **Impact drills** a. Tools intended for boring holes in concrete, stone and so on they are similar, in appearance and construction, to drills, but have build-in percussion system. The percussion system can be disengaged, in order to bore holes in metal, plastic and wood etc. b. In general, series motors are used.	IEC 60745-1 ed4 IEC 60745-2-1: 2008,	Clause 2: modify IEC60127-3 to GB9364.1-1997(idt IEC60127-1) add GB19212.5-2006 Safety of power transformers power supply units and similar - Part 5: Particular requirements for isolating transformers for general use add GB19212.7-2006 Safety of power transformers power supply units and similar - Part 7: Particular requirements for safety isolating transformers for general use add IEC60738-1Thermistors Directly heated positive temperature coefficient Part 1: Generic specification Edition 3.1; Consolidated Reprint add IEC60906-1 IEC system of plugs and socket-outlets for household and similar purposes Part 1: Plugs and socket-outlets 16 A 250 V a.c. Clause 4: delete "NOTE Annex N shows an example of routine tests" Clause 8: modify …/min or min-1 to …/min modify d.c. to DC modify a.c. to AC Clause 12.6: modify "……temperature rise during the test of 12.3," to "……temperature rise during the test of 12.2" Clause 14.3: delete "obtained e.g. by placing in the humidity cabinet a saturated solution of Na_2SO_4 or KNO_3 in water , having a sufficiently large contact surface with the air." Clause 16: modify "1,06 times, or 0,94 times, rated voltage" to "1,06 times, 0,94 times" add GB19212.5 and GB19212.7 to "except for transformers which comply with IEC61558-1" Clause 23.1.4: add GB19212.5 and GB19212.7 Clause 24.4: add "If provided with a plug, power supply cords of three-phase tools having a rated current not exceeding 16A shall be provided with plug complying with GB2099.1, GB1003 or GB/T11918, GB/T11919 ". Clause 24.12: add "X=0" in figure 9 Annex A: modify "over the top of a groove " to "over the top of a converging sided groove" Annex F: modify "white pine–wood board, approximately 10mm thick" to "white pine–wood board, approximately 10cm thick". Bibliography: add GB/T5169.5-1997, (neq IEC60692-2-1/1, 1994). add GB11020-1989, (eqv IEC 60707:1981). 60745-2-1(ed.2) - 2003:	GB3883.1-2008	S & E	**SDoC**

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	*Relevant National Standard*	**E,S, S & E**	**NZ App or SDoC**
			ed2.1	8.12.1: The following additional warnings are given; if in English they shall be verbatim and if in any other official language they shall be equivalent. Modify "If in English" to "If in Chinese" in national standard GB 3883.6-2007 Delete "Annex L" in national standard GB 3883.6-2007		GB3883.6-2012		
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Screwdrivers and Impact wrenches	**Screw-drivers, screw-drivers driven with permanent magnet motor** a. Tools intended for tightening and loosing screws with screw bits. b. No impact mechanism in it. The torque can be adjusted and limited. c. In general, the series motors are used. When use of permanent magnet motors, the supply is provide with power box. **Impact wrenches (the wrenches without impact mechanism are not covered.)** a. Tools intended for tightening and loosing screws, nuts and like with wrench sets. b. The rotary impact, mechanisms are equipped. In general, the series motors are used. Occasionally the three phases asynchronous motors are used.	IEC 60745-1 ed4 IEC 60745-2-2: 2008, ed 2.1	See above No Deviation		GB3883.1-2008 (see above) GB3883.2-2012	S & E	**SDoC**
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Grinders including Angle grinders, Straight grinders, Die grinders, Grinders with water supply, Polishers and Disk-sanders	**Angle grinders, cutting grinders** a. Tools intended for grinding non-smooth metallic surface and weld and like with grinder wheels or for cutting material with cutting wheels. When grinding the ground surface, the water supply is needed. b. In general, the series motors are used. When grinding the ground surface, the tools shall be supplied with an isolated transformer with rated voltages no more than 115V. **Grinders, die grinders, valve grinders** a. Tools intended for grinding non-smooth metallic surface with various shape small grinding wheels. b..In general, the series motors are used. **Strait grinders** a. Tools intended for grinding non-smooth metallic surface and weld with cylindrical surface of grinder wheel. b. In general, the series motors are used. Occasionally the three phases asynchronous motors are used. **Polishers** a. Tools intended for polishing variant material surface with polishing wheel. b. In general, the series motors are used.	IEC 60745-1:2003, ed3.2	IEC 60745-1 amended as follows: 2 Normative references add GB1003-1999 Three phases plugs and socket-outlets for household and similar purposes Types, basic parameters and dimensions add GB8898-1997Safety requirements for mains operated electronic and related apparatus for household and similar general use （idt IEC 60065：1985） add IEC 61558-2-6-1997 Safety of Power Transformers, Power Supply Units and Similar - Part 2: Particular Requirements for Safety Isolating Transformers for General Use modify IEC60998-2-2:1991 to IEC60998-2-2：1998 delete 3.5.3 Safety isolating transformer modify …/min or min-1 to …/min modify d.c. to DC modify figure modify a.c. to AC modify figure modify 2N~ to 2/N~ modify 3N~ to 3/N~ 12.6 delete "three additional samples are subjected to the following tests" 16.1 modify "except for transformers which comply with IEC61558-1" to "except for transformers which comply with IEC 61558-1 and IEC 61558-2-6" 19.1 IEC Standard "compliance is checked by inspection, by the test of clause 20" national Standard "compliance is checked by inspection, by the test of clause 18" 21.12 modify "Class II tools or Class II constructions" to "Non-all-insulated type Class II tools" 23.1.4 add IEC61558-2-6 23.1.11 modify "……the test of 17.2.4.4 for 100 cycles of operation" to "……the test of 12.2.7 for 100 cycle of operation "		GB3883.1-2005 (see above) GB3883.3-2007	S & E	**SDoC**

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	*Relevant National Standard*	**E,S, S & E**	**NZ App or SDoC**
				Annex E modify “white pine−wood board，approximately 10mm thick“ to “white pine−wood board，approximately 10cm thick“ add "After the test , the terminals temperature increase should not exceed 30K Bibliography: add GB/T5169.5-1997（neq IEC60692-2-1/1：1994） add GB11020-1989（eqv IEC 60707：1981） 60745-2-3(ed.2)-2006 amended as follows:: 20.101.2 A wheel as specified in 20.101.1 shall be notched into four equal segments (quadrants). For wheel Types 1, 27, 28, 29, 41 and 42, the cut is directed from the outer edge radially towards the centre (see Figure 107). For wheel Types 6 and Type 11, the cut starts across the working surface towards the mounting end (see Figure 108). Modify "For wheel Types 1, 27, 28, 29, 41 and 42" to " For wheel Types 27, 28, and 41" in GB 3883.3-2007 Annex K and Annex L: Delete "Annex K Annex L" in GB 3883.3-2007				
			IEC 60745-2-3:2006, ed2	No Deviation				
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Sanders including Orbital sanders, Belt sanders and Random sanders	**Disk-type sanders** a. Tools intended for moving surface material with round-type abrasive papers fitted the basic pad. b. The rotating spindle of the tool is in-line with the motor-shaft. In general, the series motors are used. **Sanders other than disk type, random orbital sanders, orbital sanders** a. Tools intended for sanding surface material with various shape abrasive papers. b. Sanders equipped with a plate, which performs an orbital oscillating motion parallel to the work surface, in general, series motors are used. **Polishers other than disk type, random orbital polishers, orbital polishers** a. Tools intended for polishing surface material with polishing wheels. b. Polishers equipped with a plate, which performs an orbital oscillating motion parallel to the work surface, in general, series motors are used. **Belt sanders** a. Tools intended for sanding surface material with endless abrasive belts. b. In general, series motors are used.	IEC 60745-1:2006, ed4 IEC 60745-2-4:2008, ed2.1	See above No Deviation		GB3883.1-2008 (see above) GB3883.4-2012	S & E	SDoC
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Circular saws	**Circular saws** a. Tools intended for cutting various material with rotating toothed blades. b. There is a fixed guard of the blade above guide plate. There is a movable guard of the blade below the guide plate. There is a riving knife placed in the plane of the saw blade. In general, series motors are used.	IEC 60745-1:2003, ed3.2 IEC 60745-2-5:2003, ed2	See above Clause 8.12.1.101: The following additional safety instructions shall be given. If in English they shall be verbatim and in the following order as applicable and equivalent in any other language. This part may be printed separately from the general safety instructions. Modify "If in English" to "If in Chinese" in GB 3883.5-2007. Annex K and Annex L: Delete "Annex K, Annex L and Annex M" in GB 3883.5-2007 Clause AA.19.104: At the centre of the riving knife tip, a force		GB3883.1-2005 (see above) GB3883.5-2007	S & E	**SDoC**

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	*Relevant National Standard*	**E,S, S & E**	**NZ App or SDoC**
				W equal to the weight of the tool is applied for 1 min perpendicular to the blade, as shown in Figure AA.101. Modify "for 1 min" to "for 0,5 min" in GB 3883.5-2007. Clause AA.20.2: The test is also made on the guarding system. Compliance with the requirements of 19.101,19.102, and the following is tested after the test of the guarding system. Modify "Compliance with the requirements of 19.101, 19.102, " to "Compliance with the requirements of AA19.101, AA19.102, "in GB 3883.5-2007 Clause BB.20.101.3: The closing time of a lower guard from the fully open position to the fully closed position when measured without restoration of the lower guard in case of bending after a single sample is subjected to BB.20.101.1, BB.20.101.2, and BB.20.101.3 shall not exceed 0,3 s. Modify "to BB.20.101.1, BB.20.101.2, and BB.20.101.3" to " to BB.20.101.1and BB.20.101.3" in GB 3883.5-2007				
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Rotary hammers Including Hammers	**Hammers, including Rotary hammers, Hammer drills, rock breaker** a. Tools intended for boring holes in concrete, stone and so on. b. Hammer: equipped with a build-in percussion system which is not influenced by the operator. It has no the capability of rotational motion. c. Rotary hammer: equipped with a build-in percussion system which is not influenced by the operator. It has the capability of rotational motion. d. Hammer drill: it similar to rotary hammer but it able to rotate only with the percussion system disengaged. In general, series motors are used. e. Rock hammer: it is used for boring holes in rock and breaking the rock. It is similar to hammer.	IEC 60745-1:2006, ed4 IEC 60745-2-6:2008, ed2.2;	See above Delete "Annex K and Annex L" in GB 3883.7-2005 21.18: 60745-2-6(ed.2);am1 - 2003 21.18 For rotary hammers, a switch lock-on device, if any, shall be located outside the grasping area or so designed that it is not likely to be unintentionally locked on by the user's hand during intended left- or right-handed operation. Modify "For rotary hammers," to "For rotary hammers with drill only mode, " in GB 3883.7am1-2005		GB3883.1-2008 (see above) GB3883.7-2012	S & E	**SDoC**
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Spray guns for non-flammable liquids	**Non-flammable liquid spray gun** a. Tools intended for spraying Non-flammable liquid. b. It consists of electromagnet, container, straw and nozzle. In general, electromagnets are used.	IEC 60745-1:1982, ed1 IEC 60745-2-7:1989, ed1	No Deviations		GB3883.1-1991 GB3883.13-1992	S & E	**SDoC**
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Sheet metal shears including Shears with double blade edges, Nibblers	**Shears including shears with double edges** a. Tools intended for shearing of metal sheet plates. b. The upper blade makes reciprocating motion in order to shearing the metal sheet plate. In general, series motors are used. **Nibblers** a. Tools intended for punching of metal sheets, plates and strips. b. The upper punch makes reciprocating motion in order to punching metal sheets and so on. In general, series motors are used.	IEC 60745-1:2006 ed4 IEC 60745-2-8:2008, ed2.1	See above No Deviation		GB3883.1-2008 (see above) GB3883.8-2012	S & E	**SDoC**
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Tappers	**Tappers** a. Tools intended for cutting internal screw threads in metal, plastics and so on. b. In general, series motors are used.	IEC 60745-1:2006, ed4 IEC 60745-2-9:2008, ed2.1	See above No Deviation		GB3883.1-2008 (see above) GB3883.9-2012	S & E	SDoC
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Reciprocating saws including Jig saws and Sabre saws	**Reciprocating saws (jig saws, saber saws)(including pipe saws)** a. Tools intended for cutting various material with a	IEC 60745-1:2006, ed4 IEC 60745-2-11:	See above No Deviation		GB3883.1-2008 (see above) GB3883.11-2012	S & E	**SDoC**

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	*Relevant National Standard*	**E,S, S & E**	**NZ App or SDoC**
		saw blade acting in a reciprocating or oscillating motion. b. In general, series motors are used.	2008, ed2.1					
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Internal concrete vibrators	**Concrete vibrators (internal vibrators)** a. Tools intended for compacting concrete. The active parts (vibrator bottle) of the vibrator perform low-amplitude vibrations and is immersed into the mass of concrete to be vibrated. b. Three phases asynchronous motors are used. Some times the series motors are used. Some tools are some times a motor generator is used as power supply.	IEC 60745-1:2006 ed4 IEC 60745-2-12: 2008, ed2.1	See above No Deviation		GB3883.1-2008 (See above) GB3883.12-2012	S & E	**SDoC**
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Chain saws	**Chain saws** a. Tools intended for cutting wood with a saw chain and consisting of an integrated unit of handles, motor and cutting attachment b. In general, series motors are used.	IEC 60745-1:2003, ed3.2 IEC 60745-2-13: 2006, ed 2	See above No Deviation		GB3883.1-2005 (se above) GB 3883.14-2007	S & E	**SDoC**
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Planers	**Planers** a. Tools intended for removing surface material. It is equipped with a rotating cutter where the axis of the cutter is parallel to the base plate. b. The switch with lock-on devise is not allowed to be used in the tool unless the frame, complying with relevant requirements, for fixing the tool as a stationary tool is provided. In general, series motors are used.	IEC 60745-1:2003, ed3.2 IEC 60745-2-14: 2003, ed 2	See above No Deviation		GB3883.1-2005 (see above) GB 3883.10-2007	S & E	**SDoC**
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Routers, trimmers	**Router** a. Tools intended for cutting slots into or shaping the edge of wood materials. The tools are fitted with rotary cutter and with a base. b. The base is around the cutter. In general, series motors are used. **Trimmers** a. Tools intended for trimming edge of laminate sheet or similar materials. The tools are fitted with rotary cutter and some times with a base. b. The base is around the cutter. The volume is smaller than the router. In general, series motors are used.	IEC 60745-1:2003, ed3.2 IEC 60745-2-17: 2003, ed 2	See above No Deviation		GB3883.1-2005 (see above) GB3883.17-2005	S & E	**SDoC**
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009 ED3.2	No Deviation		GB17625.1-2012		
	Hedge trimmers	**Hedge trimmers** a. Tools intended for trimming hedges and bushes. b. In general, series motors are used.	IEC 60745-1:2003, ed3.2 IEC 60745-2-15: 2006, ed 2	See above No Deviation		GB3883.1-2005 (see above) GB 3883.15-2007	S & E	SDoC
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		

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Electric welding machines	General	AC arc welding machines supplied by a voltage not exceeding that specified in Table 1 of IEC 60038.						
	Limited duty manual metal arc welding power	– With a thermal cut-out device – Used by laymen – Limited to a rated maximum welding current of 160A	IEC 60974-1:2000 IEC 60974-6:2003	No Deviation No Deviation	CNCA-01C-015: 2011	GB15579.1-2004 GB15579.6-2008	S	SDoC

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	*Relevant National Standard*	**E,S, S & E**	**NZ App or SDoC**
Household and Similar Use Appliances **[HOUS]**	General	Deals with the safety of electrical appliances for household and similar purposes. May be a source of danger to the public, such as appliances intended to be used by laymen in shops, in office, in hotel, in light industry and on farms, etc. If the appliances are intended to be connected to main source power directly, their rated voltage must include 220V and the rated frequency must include 50Hz for single-phase appliances, and for three-phase appliances, their rated voltage must include 380V and the rated frequency must include 50Hz. Not apply to the appliances intended or designed for industry purpose.			**CNCA-01C-016: 2010**			
	Household refrigerator Food freezer (Refrigerating appliances, ice-cream appliances, ice-makers)	1. Intended for household or similar purpose: dangerous to public, including in shops, offices, hotels, light industry, farms and other places, used by layperson. 2. Rated voltage of single-phase appliances not exceeding 250 V, of others not exceeding 480V; 3. Effective volume <=500L.	IEC 60335-1:2004 ed4.1 IDT			GB4706.1-2005	S & E	SDoC
			IEC 60335-2-24:2007	No Deviation		GB4706.13-2008		
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Electric fan	1. Intended for household or similar purpose: dangerous to public, including in shops, offices, hotels, light industry, farms and other places, used by layperson; 2. Rated voltage of single-phase appliances not exceeding 250 V, of others not exceeding 480V; 3. Rotating of the fan blades by motor driving bring into air flowing for ventilating and air exhausting.	IEC 60335-1:2004 ed4.1 IDT IEC 60335-2-80 : 2004 ed2.1	No Deviation		GB4706.1-2005 GB4706.27-2008	S & E	SDoC
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Washing machines (washing machine, spin extractors, tumbler dryer) Excluding Cabinet type dryers	1. Intended for household or similar purpose: dangerous to public, including in shops, offices, hotels, light industry, farms and other places, used by layperson. 2. Rated voltage of single-phase appliances not exceeding 250 V, of others not exceeding 480V. Used for the clothing and textile items for washing, dewatering. Can be equipped with heat, dehydration and drying device 3.Spin extractors, dehydration function with centrifugal washing machines, which have a capacity not exceeding 10kg of dry cloth.	**Spin extractors** IEC 60335-1:2004 ed4.1 IDT			GB4706.1-2005	S & E	SDoC
			IEC 60335-2-4: 2006 ed5.2 IDT	No Deviation		GB4706.26-2008		
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
			Washing machines IEC 60335-1:2004 ed4.1 IDT			GB4706.1-2005	S & E	SDoC
			IEC 60335-2-7: 2008 ed7.0 MOD	Clause 3.1.9: Modification: the temperature of the water is 50 ℃ ± 5 ℃ for appliances without heating elements;		GB4706.24-2008		
			CISPR 14-1:2005	No Deviation		GB4343.1-22009		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
			Clothes dryers IEC 60335-12004 ed4.1 ID IEC 60335-2-11:2002 IDT	No Deviation		GB4706.1-2005 GB4706.20-2004	S & E	SDoC
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009	No Deviation		GB17625.1-2012		
	Storage water heaters	1. Intended for household or similar purpose: dangerous to public, including in shops, offices, hotels, light industry, farms and other places, used by layperson. 2. Rated voltage of single-phase appliances not	IEC 60335-1: 1991 +A1-1994 IEC 60335-2-21: 1997 (MOD)	19.1 Change ”.... a capacity exceeding 30L, and a rated input not exceeding 6kW.” To “.....Ratio of rated input to capacity not		GB4706.1-1998 GB 4706.12 2006	S	SDoC

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		exceeding 250 V, of others not exceeding 480V. 3. With the water storage function and heating water to a certain point(which can be set) of temperature below the boiling point function for ablution, washing and the similar use stationary appliances 4. Appliances through metal armour heating element, non-metallic armour heating element, electric membrane or similar membrane heating element, or other types of heating elements (such as microwave heating, electromagnetic heating) to achieve the function of heating water		exceeding 2kW/10L.” Plus difference between IEC 60335-2-21, 4th edition (1997) and IEC 60335-2-21, 5th Edition (2002)				
	Instantaneous water heaters	1. Intended for household or similar purpose: dangerous to public, including in shops, offices, hotels, light industry, farms and other places, used by layperson. 2. Rated voltage of single-phase appliances not exceeding 250 V, of others not exceeding 480V. 3. With heating the water as flows through the appliances to the temperature below the boiling point function, for bathing, washing and the similar use apparatus. 4. Appliances through metal armour heating element, non-metallic armour heating element, electric membrane or similar membrane heating element, or other means to achieve the function of heating water	IEC 60335-1:2004 ed4.1 IEC 60335-2-35: 2002	No Deviation No Deviation		GB4706.1-2005 GB4706.11-2008	S	SDoC
	Room heaters Excluding Thermal Storage Type.	1. Intended for household or similar purpose: dangerous to public, including in shops, offices, hotels, light industry, farms and other places, used by layperson. 2. Rated voltage of single-phase appliances not exceeding 250 V, of others not exceeding 480V. 3. The heater for heating room air.	IEC 60335-1:2004 ed4.1 IEC 60335-2-30:2004 ed4.1	No Deviation No Deviation		GB4706.1-2005 GB4706.23-2007	S	SDoC
	Vacuum cleaners (Vacuum cleaners and water suction cleaning appliances) Excepting Hand held garden type	1. Intended for household or similar purpose: dangerous to public, including in shops, offices, hotels, light industry, farms and other places, used by layperson. 2. Rated voltage not exceeding 250 V 3. The appliances for purpose of, based on vacuum principle, getting rid of the ground or other surface dust and cleaning dirt, water, animals etc.	IEC 60335-1:2004 ed4.1 IEC 60335-2-2: 2002 CISPR 14-1:2005 IEC 61000-3-2:2009	No Deviation No Deviation No Deviation No Deviation		GB4706.1-2005 GB4706.7-2004 GB4343.1-2009 GB17625.1-2012	S & E	SDoC
	Appliances for skin and hair care	1.Intended for household or similar purpose: dangerous to public, including in shops, offices, hotels, light industry, farms and other places, used by layperson. 2. Rated voltage of single-phase appliances not exceeding 250 V, of others not exceeding 480V. 3. The personal care appliances for the right hair or skin care.	IEC 60335-1:2004 ed4.1 IDT IEC 60335-2-23:2003 DT CISPR 14-1:2005 IEC 61000-3-2:2009	 No Deviation No Deviation No Deviation		GB4706.1-2005 GB4706.15-2008 GB4343.1-2009 GB17625.1-2012	S & E	SDoC
	Electric irons	1. Intended for household or similar purpose: dangerous to public, including in shops, offices, hotels, light industry, farms and other places, used by layperson. 2. Rated voltage not exceeding 250 V. 3. With a certain weight level flat board, heated by electric heating element, after heating, ironing fabric and smooth it 4. May include related equipment, such as separated water tanks or steam device for its capacity of not exceeding five litres.	IEC 60335-1:2004 ed4.1 IDT IEC 60335-2-3:2005 ed5.1 CISPR 14-1:2005 IEC 61000-3-2:2009	 No Deviation No Deviation No Deviation		GB4706.1-2005 GB4706.2-2007 GB4343.1-2009 GB17625.1-2012	S & E	SDoC
	Roasters (Toasters, grills, roasters and similar appliances) Excluding; Bread makers,	1. Intended for household or similar purpose: dangerous to public, including in shops, offices, hotels, light industry, farms and other places, used by layperson. 2. Rated voltage not exceeding 250 V.	IEC 60335-1:2004 ed4.1 IDT IEC 60335-2-9:2006 ed5.2 IDT	 No Deviation		GB4706.1-2005 GB4706.14-2008	S	SDoC

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	*Relevant National Standard*	**E,S, S & E**	**NZ App or SDoC**
	Induction hotplates, dehydrators, outdoor Barbeques, frying pans, deep fat fryers, Woks, and Warming plates.	3. Having functions of using electric heating element baking, cooking and so on. 4. Belonging to portable apparatus						
	Electric food processors (Kitchen machines)	1. Intended for household or similar purpose: dangerous to public, including in shops, offices, hotels, light industry, farms and other places, used by layperson. 2. Rated voltage not exceeding 250 V. 3. Appliances for the processing of food preparation; Appliances for opening cans; Appliances for Brothers	IEC 60335-1:2004 ed4.1 IDT IEC 60335-2-14:2006IDT	No Deviation		GB4706.1-2005 GB4706.30-2008	S	SDoC
	Microwave ovens	1. Intended for household or similar purpose: dangerous to public, including in shops, offices, hotels, light industry, farms and other places, used by layperson. 2. Rated voltage not exceeding 250 V. 3. Appliances of using the electromagnetic energy of its frequency between 300 MHz and 30GHz for heating food and beverage in cavity 4. Can be used for food additional features, such as colouring function, barbecue function, steam function	IEC 60335-1:2004 ed4.1 IDT IEC 60335-2-25:2006 IDT	No Deviation		GB4706.1-2005 GB4706.21-2008	S	SDoC
	Cooking ranges, cooking table, ovens and similar appliances (Stationary cooking ranges, hobs, ovens and similar appliances)	1. Intended for household or similar purpose: dangerous to public, including in shops, offices, hotels, light industry, farms and other places, used by layperson. 2. Rated voltage not exceeding 250 V. 3. Having functions of using electric heating element baking, scones cooked food and so on 4. Belonging to stationary appliances.	IEC 60335-1:2004 ed4.1 IDT IEC 60335-2-6:2005 ed5.1 IDT	No Deviation		GB4706.1-2005 GB4706.22-2008	S	SDoC
	Range hoods	1. Intended for household or similar purpose: dangerous to public, including in shops, offices, hotels, light industry, farms and other places, used by layperson. 2. Rated voltage not exceeding 250 V. 3. Range Hood of installing at the top of cooking stoves, stove or similar apparatus, used motor drive for the suction air pollution.	IEC 60335-1:2004 ed4.1 IDT IEC 60335-2-31:2006 ed4.1 IDT	No Deviation		GB4706.1-2005 GB4706.28-2008	S	SDoC
	Appliances for heating liquids	1. Intended for household or similar purpose: dangerous to public, including in shops, offices, hotels, light industry, farms and other places, used by layperson. 2. Rated voltage not exceeding 250 V. 3. Using electric element for heating water or liquid food.	IEC 60335-1:2004 ed4.1 IDT IEC 60335-2-15:2005 IDT	No Deviation		GB4706.1-2005 GB4706.19-2008	S	SDoC
	Electric rice cookers	1. Intended for household or similar purpose: dangerous to public, including in shops, offices, hotels, light industry, farms and other places, used by layperson. 2. Rated voltage not exceeding 250 V. 3. Appliances of direct heating or cooling water in the barrels, pipelines or other sources of water available to the appropriate temperature for users to directly drinking.	IEC 60335-1:2004 ed4.1 IDT IEC 60335-2-15:2005 IDT	No Deviation		GB4706.1-2005 GB4706.19-2008	S & E	SDoC
			CISPR 14-1:2005	No Deviation		GB4343.1-2009		
			IEC 61000-3-2:2009	No Deviation		GB17625.1-2012		

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Audio & Video products	General		IEC 60065:2001 + am1-2005	Clause 1.1.3: Amended the first paragraph: This standard applies to apparatus intended to be used basically at altitudes not exceeding 5 000 m, dry climate at warm temperate zone or tropical climates. Replace the fourth paragraph by the following: For apparatus intended to be used in vehicles, ships or aircraft, or at altitudes exceeding 5 000m, additional requirements may be necessary Clause 5: At the end of the first paragraph ,add the following: For apparatus intended to be used at altitude not exceeding 2000m, a warning label containing the following or a similar appropriate wording or a symbol as in annex R(see following) shall be fixed to the equipment at a readily visible place. "Only use at altitude not exceeding 2000m."  If only the symbol is used, the explanation of the symbol shall be contained in the instruction manual. For apparatus intended to be used in not-tropical climate regions, a warning label containing the following or similar appropriate wording or a symbol as in annex R shall be fixed to the equipment at a readily visible place. "Only used in not-tropical climate regions."  If only the symbol is used, the explanation of the symbol shall be contained in the instruction manual. The statements above shall be given in a language acceptable to the regions where the apparatus is intended to be used. Clause 5.1 e): After the last paragraph, add: …….For single rated voltage, “220 V” or three-phase “380V” shall be marked only. For a rating range, 220 V or three-phase 380V shall be covered. For multiple rated voltages, one of them shall be 220 V or three-phase 380V and which default setting from manufacture shall be 220 V or three-phase 380V as well. Clause 5.1 f) After the first sentence, Add: ……for rated MAINS frequency or frequency range shall be 50Hz or covered 50Hz Clause 5.4: Replaced the second sentence of the first paragraph: This information shall be given in normative Chinese. Clause 5.4.1 i): Add new paragraph i),after the h) paragraph: i) For apparatus incorporating antenna coaxial sockets which are non-separated with CATV network, the following warning or similar wording shall be given in the instructions manual: “The CATV network connecting to this apparatus shall be separate from the protective earth, otherwise it may cause fire or other hazard.” Clause 7 Table 3: Note a) of table 3 replaced: This standard applies to apparatus intended to be used in tropical climates, permissible temperature rises are 10 K less than those specified in the table. For apparatus intended to be used in non-tropical climates the limits in Table 3 are satisfactory. Clause 7.1: Added Note 3:	CNCA-01C-017-2010	GB8898-2011		

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				For apparatus intended to be operated at altitudes between 2 000m and 5 000m, temperature measuring conditions and maximum temperature limits are under consideration. Clause 9.1.1: Delete the note 3 and renumber the existing note 4 as 3. Clause 9.1.1.1: After the paragraph of d), add a paragraph: For apparatus intended to be used in tropical climates, the limits should be half the values given in a) and b) above. Clause 10: Add a paragraph after the second paragraph : The Insulation resistance between CATV antenna coaxial sockets and the protective earth of the apparatus shall comply with BASIC INSULATION. If it is possible that CLASS II apparatus with CATV antenna coaxial sockets connect with the protective earth of another CLASS I apparatus by other terminals, the insulation resistance between them shall comply with BASIC INSULATION as well. Added Note: If antenna cable is separated from the protective earth before connection to the apparatus, there is no requirement for Insulation resistance between them to comply with BASIC INSULATION but 5.4.1i) requirements shall be met Clause 110.1: Delete “on CLASS II apparatus” in the first paragraph. Clause 10.2: Replace the fifth to seventh paragraphs by the following: The humidity treatment is carried out in a chamber containing air with a relative humidity of 93%±3 %. For apparatus, temperature of 40ºC±2ºC and a relative humidity of 93%±3% shall be subjected. Apparatus intended to be used in non-tropical climates are subjected to a relative humidity of 93%±3%. The temperature in the chamber, at all places where samples arelocated, shall be maintained within 2ºC of any convenient value between 20ºC and 30ºC, as long as no condensation occurs. Clause 10.2: Added Note 4: For apparatus intended to be operated at altitudes between 2 000m and 5 000m , the requirements for treatment of the insulating material are under consideration. Clause 11.1: Delete note 2. After the ninth paragraph add a paragraph: For apparatus intended to be used in tropical climates, halve the values given above Clause 12.5: Amend the first paragraph : Antenna coaxial sockets to be mounted on the apparatus shall be subject to mechanical stress caused in use, and the sockets incorporate with parts or components which isolated HAZARDOUS LIVE parts from ACCESSIBLE parts or protective earth from other terminals. Clause 13.3.2: After the first paragraph, add a paragraph: The requirements apply to apparatus intended to be used at altitude not exceeding 2 000 m . For apparatus intended to be operated at altitudes between 2 000m and 5 000m, Minimum CLEARANCE limits shall multiply with multiplication factor 1.48 in table A.2 of GB/T 16935.1. For apparatus intended to be operated at altitude more than 5 000m, Minimum CLEARANCES limit shall multiply with relevant multiplication factor in table A.2 of GB/T 16935.1. Tables 8, 9 and 10: Below the headings of Table 8, Table 9 and Table 10 ,add : “(Applicable for altitude up to 2000m)”				

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	*Relevant National Standard*	**E,S, S & E**	**NZ App or SDoC**
				Table 9: Amend Table 9 Note 2: For operating voltage values exceeding those of table 8, extrapolation is permitted. Clause 13.3.3: After the first paragraph, add a paragraph: The requirements in table 10 apply to apparatus intended to be used at altitude not exceeding 2 000 m. For apparatus intended to be operated at altitudes between 2 000m and 5 000m , Minimum CLEARANCE limits shall multiply with multiplication factor 1.48 in table A.2 of GB/T 16935.1. For apparatus intended to be operated at altitude more than 5 000m , Minimum CLEARANCES limit shall multiply with corresponding multiplication factor in table A.2 of GB/T 16935.1. Clause 15.1.1: After the first paragraph, add a paragraph: Plugs connected to the MAINS in apparatus shall comply with GB 1002 or GB 1003 Clause 18: Delete the first paragraph except the first sentence. Clause 18.1: Replace contents of two dashes in the fourth paragraph: ——for intrinsically protected tubes, including those having integral protective screens, compliance is checked according to GB27701. ——for tubes non-intrinsically protected compliance is checked by 18.2. Clause 18.2: Delete clause 18.2 and renumber the existing clause 18.3 as 18.2. Annex J6: After the first paragraph, add a paragraph: For apparatus intended to be operated at altitudes between 2 000m and 5 000m, the Minimum CLEARANCES in table J.2 shall multiply with multiplication factor 1.48 in table A.2 of GB/T 16935.1. For apparatus intended to be operated at altitude more than 5 000m, Minimum CLEARANCES shall multiply with corresponding multiplication factor in table A.2 of GB/T 16935.1. Table J6: Delete note 3 of table J.6. Annex R (Normative): Add annex R: Instructions for the new safety warning labels. R.1 Altitude warning label  Meaning of the label: Evaluation for apparatus only based on altitude not exceeding 2000m, therefor it's the only operating condition applied for the equipment .There may be some potential safety hazard if the equipment is used at altitude above 2000m . R.2 Climate warning label  Meaning of the label: Evaluation for apparatus only based on temperate climate condition, therefor it's the only operating condition applied for the equipment .There may be some potential safety hazard if the equipment is used in tropical climate region. Annex S (Informative): Add Annex S: Illustration relative to safety explanation in normative Chinese, Tibetan, Mongolian, Zhuang Language and Uighur.				

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	*Relevant National Standard*	**E,S, S & E**	**NZ App or SDoC**
			IEC CISPR 13:2009 Ed5	Add Annex C Configuration of flat screen television receiver		GB13837-2012		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Power adapters	≥36V For audio/video products use (including charger and discharger) (not including charger for type 5 and type 7 charging batteries use)	IEC 60065: 2001 + am1-2005	See above		GB8898-2011	S & E	SDoC
			CISPR 13:2009 Ed5	No Deviation		GB13837-2012		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Colour television receivers and display monitors with kinds of display types	≥36V A household type and profession equipment (including LCD, PDP and back projector) (not including television receivers for vehicle use)	IEC 60065: : 2001 + am1-2005	See above		GB8898-2011	S & E	SDoC
			CISPR 13: 2009 Ed5 CISPR 22:2006	Add Annex C Configuration of flat screen television receiver For televisions with a LAN port additional testing to CISPR 22 is required		GB13837-2012 GB9254-2008		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Powered sound boxes with single or multiple speakers, under 500W (R.M.S.) max output sound power	Speaker: Electro-acoustic transducer that converts electrical signals into sounds loud enough to be heard at a distance. Powered sound box(es):It should be include electrical energy sources besides speaker. For example: There are circuit which is composed of powered components (include: Audio amplification circuit) and power source circuit. Powered sound boxes with single or multiple speakers having total output power above 500W (R.M.S.) does not include.	IEC 60065:2001 + am1-2005	See above	CNCA-01C-017:2010	GB8898-2011	S & E	SDoC
			CISPR 13: 2009 Ed5	No Deviation		GB18387-2012		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Sound amplifiers	An amplifier that increases the electrical audio signal(or the sound transform the audio signal through the microphone) to certain amplitude in order to drive the load(speaker) reproduced sound.	IEC 60065:2001 + am1-2005	See above	CNCA-01C-017: 2010	GB8898-2011	S & E	SDoC
			CISPR 13: 2009 Ed5	No Deviation		GB18387-2012		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Tuners, radio receivers	A device (for receiver) used to select signals at a specific radio frequency The turner with Ketter diode as the tune component does not include. radio receivers with various frequency bands Amplitude modulation radio receiver(working at long wave or medium wave and receiving the Amplitude modulation broadcast. Frequency modulation radio receiver(working at	IEC 60065:2001 + am1-2005	See above	CNCA-01C-017: 2010	GB8898-2011	S & E	SDoC
			CISPR 13: 2009 Ed5	No Deviation		GB18387-2012		

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		shortwave and receiving the frequency modulation broadcast. Clock radio(including the device also using for radiophone or radiophone	IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	Audio/video recorder/player/dealer with kinds of carrier media (including cassette tape recorder/player, disc player, CD/MD player, LD/VCD/Super VCD/ DVD player, MP3 recorder/player, language leaning machine, audio/video processing apparatus, and etc.)	Recorder/player/dealer with kinds of carrier media((including disc and cassette tape etc.) The following products are not in CCC scope: CD driver in computer Vidicon Digital camera recorder/player/dealer without carrier media (For example: Visual presenter without carrier media)	IEC 60065:2001 + am1-2005	See above	CNCA-01C-017: 2010	GB8898-2011	S & E	SDoC
			CISPR 13: 2009 Ed5	No Deviation		GB18387-2012		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		
	component sound (combo audio/video systems)	The combination of the products below . Tape player Radio-recorder Sound amplifier with speaker Sound amplifier with VCD Sound amplifier with DVD Audio systems with radio, recorder and amplifier etc. Audio systems with video function Audio systems with phonograph	IEC 60065:2001 + am1-2005	See above	CNCA-01C-017: 2010	GB8898-2011	S & E	SDoC
			CISPR 13: 2009 Ed5	No Deviation		GB18387-2012		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		

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Information Technology Equipments	General		IEC 60950-1:2005 ed 2.0	**Clause 1.1.2:** GB 4943.1-2011 applies to equipment for use at altitudes not exceeding 5000m above sea level, primarily in regions with moderate or tropical climates. Amend the third dashed paragraph of 1.1.2 as: ——equipment intended to be used in vehicles, on board ships or aircraft, at altitudes greater than 5000m; **Clause 1.4.5:** After the third paragraph, add a paragraph: If the equipment is intended for direct connection to an AC mains supply, the tolerances on RATED VOLTAGE shall be taken as +10%,-10% unless a wider tolerance is declared by the manufacturer. The first dash paragraph "-the RATED VOLTAGE is 230V single -phase or 400V three-phase, in which case the tolerance shall be taken as +10% and -10%" of IEC 60950-1:2005 is deleted in GB 4943.1-2011 **Clause 1.4.12.1:** Tma in clause 1.4.12.1 amended as: Tma: is the maximum ambient temperature permitted by the manufacturer's specification, or 35 °C, whichever is greater. Add note 1: For equipment not to be operated at tropical climatic conditions, Tma: is the maximum ambient temperature permitted by the manufacturer's specification, or 25 °C, whichever is greater. Add note 2: For equipment is to be operated at 2000m-5000m above sea leave, its temperature test conditions and temperature limits are under consideration. **Clause 1.5.2:** Add a note behind the first break off section in Clause 1.5.2: A component used shall comply with related requirements corresponding altitude of 5000m. **Clause 1.7:** Add one paragraph before the last paragraph: The required marking and instruction should be given in normative Chinese unless otherwise specified. **Clause 1.7.1:** Based on the AC mains supply of China, the RATED VOLTAGE should be 220V (single phase) or 380V (three-phases) for single rated voltage, for RATED VOLTAGE RANGE, it should cover 220V or 380V (three-phases), for multiple RATED VOLTAGES, one of them should be 220V or 380V (three-phases) and set on 220V or 380V (three-phases) when manufactured. And the RATED FREQUENCY or RATED FREQUENCY RANGE should be 50Hz or include 50Hz. **Clause 1.7.2.1:** Add requirements of warning for equipment intended to be used at altitudes not exceeding 2000m or at non-tropical climate regions: For equipment intended to be used at altitude not exceeding 2000m, a warning label containing the following or a similar appropriate wording, or a symbol as in annex DD shall fixed to the equipment at readily visible place. "Only used at altitude not exceeding 2000m."  For equipment intended to be used in not-tropical climate regions, a warning label containing the following or a similar appropriate wording, or a symbol as in annex DD shall fixed to the equipment at readily visible place. "Only used in not-tropical climate regions."  If only the symbol used, the explanation of the symbol shall be contained in the instruction manual. The above statements shall be given in a language acceptable to the regions where the apparatus is intended to be used.	CNCA-01C-020: 2010	GB4943.1-2011		

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				Clause 2.7.1: Amended the first paragraph as: Protection in PRIMARY CIRCUITS against overcurrent short-circuits and earth faults shall be provided as an integral part of the equipment except special provisions. And the protective device shall meet the requirement of Clause 5.3. Delete note of Clause 2.7.1. **Clause 2.9.2:** First section of Clause 2.9.2 amended as two sections: Where required by 2.9.1, 2.10.8.3, 2.10.10 or 2.10.11, humidity conditioning is conducted for 120 h in a cabinet or room containing air with ambient temperature 40±2℃and a relative humidity of (93±3)%. During this conditioning the component or subassembly is not energized. For equipment not to be operated at tropical climatic conditions, Where required by 2.9.1, 2.10.8.3, 2.10.10 or 2.10.11, humidity conditioning is conducted for 48 h in a cabinet or room containing air with a relative humidity of (93±3) %. The temperature of the air, at all places where samples can be located, is maintained within 2 °C of any convenient value between 20 °C and 30 °C such that condensation does not occur. Due to pretreatment of equipment operated at high altitude area is humidity conditioning withstand hot shock, specific requirements are to be considered. Add note: For equipment to be operated at 2000 m - 5000m above sea level, assessment and requirement of humidity conditioning for Insulation material properties are considered. **Clause 2.10.3.1:** Amend the third paragraph of Clause 2.10.3.1 to be: These requirements apply for equipment to be operated up to 2000 m above sea level. For equipment to be operated at more than 2000 m above sea level and up to 5000m above sea level, the minimum CLEARANCE shall be multiplied by the factor 1.48 corresponding altitude of 5000m given in Table A.2 of IEC 60664-1. For equipment to be operated at more than 5000 m above sea level, the minimum CLEARANCE shall be multiplied by the factor given in Table A.2 of IEC 60664-1. Linear interpolation is permitted between the nearest two points in Table A.2. The calculated minimum CLEARANCE using this multiplication factor shall be rounded up to the next higher 0,1 mm increment. **Clauses 2.10.3.3 & 2.10.3.4:** Add "(applicable for altitude up to 2000m)" in header of Table 2K, 2L and 2M. **Clause 2.10.3.4:** Add a new section above Table 2K and in Clause 2.10.3.4: Minimum CLEARANCES determined by above rules apply for equipment to be operated up to 2000m above sea level. For equipment to be operated at 2000 m - 5000m above sea level, the minimum CLEARANCE shall be multiplied by the factor 1.48 corresponding altitude of 5000m given in Table A.2 of GB/T16935.1 (IEC 60664-1). For equipment to be operated at more than 5000 m above sea level, the minimum CLEARANCE shall be multiplied by the factor given in Table A.2 of GB/T16935.1. **Clause 3.2.1.1:** Add a paragraph before the last paragraph: Plugs connected to AC mains supply shall comply with GB 1002 or GB 1003 or GB/T 11918 as applicable. **Clause 4.2.8:** Clause 4.2.8 cathode ray tubes quoted Clause 18 of GB8898-2011. Delete note of Clause 4.2.8. **Annex E:** Last section of Annex E amended as: For comparison of winding temperatures determined by the				

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				resistance method of this annex with the temperature limits of Table 4B, 35 °C shall be added to the calculated temperature rise. And add note: for equipment not to be operated at tropical climatic conditions, 25 °C shall be added to the calculated temperature rise to compare with the temperature of Table 4B. **Annex G6:** Change the second section of Clause G.6 to be: For equipment to be operated at 2000 m - 5000m above sea level, the minimum CLEARANCE shall be multiplied by the factor 1.48 corresponding altitude of 5000m given in Table A.2 of GB/T16935.1. For equipment to be operated at more than 5000 m above sea level, the minimum CLEARANCE shall be multiplied by the factor given in Table A.2 of IEC 60664-1. Linear interpolation is permitted between the nearest two points in Table A.2. The calculated minimum CLEARANCE using this multiplication factor shall be rounded up to the next higher 0,1 mm increment. **Annex BB (Informative):** Amended as : The differences between Chinese national standards GB 4943.1-2011 and GB 4943-2001. **Annex DD (Informative)** Added annex DD: Instructions for the new safety warning labels. DD.1 Altitude warning label  Meaning of the label: Evaluation for apparatus only based on altitude not exceeding 2000m, therefor it's the only operating condition applied for the equipment .There may be some potential safety hazard if the equipment is used at altitude above 2000m . DD.2 Climate warning label  Meaning of the label: Evaluation for apparatus only based on temperate climate condition, therefor it's the only operating condition applied for the equipment .There may be some potential safety hazard if the equipment is used in tropical climate region. **Annex EE (Informative)** Added annex EE: Illustration relative to safety explanation in normative Chinese, Tibetan, Mongolian, Zhuang Language and Uighu. **Other Amendments:** In accordance with the relevant CTL decisions and the amendments of IEC 60950-1, the specific requirements or mistakes in IEC standard are corrected or editorially modified in this part, Including clause 1.7, 2.1.1.7, 2.9.2, Table 2H, Figure 2H, F.8, F.9, M.3 and Annex U. **Quoting Standards and other Documents:** The principles of quoting and referring to other standards in Annex P and reference documents of IEC 60950-1 are as follows: If the date of the reference document is given, only that edition applies, excluding any subsequent corrigenda and amendments. However, parties to agreements based on this part are encouraged to investigate the possibility of applying the most recent editions of the reference documents. For undated references, the latest edition of the referenced document applies, including any corrigenda and amendments. For the usage of international standards in Chinese national standards and industry standards is various, in the aim of achieving easy operation and based on the requirements of GB/T 1.1 and GB/T 20000.2, when quoting an entire international standard in the normative quoting files and				

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				reference documents of Annex P of this part, the principles of quotation are as follows: - If there is no national standard or industry standard corresponding to the international standard, then the international standard is quoted; - If there is national standard or industry standard corresponding to the international standard, then either the national or industry standard is quoted; - If the date of the national standard or industry standard is not given, the latest edition of the standard applies; - The national standard or industry standard number, corresponding international standard number and the consistency level code should be identified in parentheses behind the listed national standard or industry standard. When quoting several chapters or clauses of the international standard, the principles of quotation are as follows: - If there is no national standard or industry standard corresponding to the international standard, then the international standard is quoted; - If there is national standard or industry standard corresponding to the international standard, then either the national or industry standard is quoted. Meanwhile, in order to retain the relevant information on international standards, informative annex CC is increased, which gives the table about the comparison of the normative quoting files and reference documents in IEC 60950-1: 2005 and GB 4943.1-2011.				
	Switching power supply units for computer, Adapter, Charger	LV ≥36V Switching power supply units for computer, Adapter, Charger etc. information technology equipment use	IEC 60950-1:2005 ed 2.0	See above	See Above	GB4943-2011	S & E	SDoC
			CISPR 22: 2006 ed5.2	No Deviation		GB9254-2008		
			IEC 61000-3-2:2009 ed3.2	No Deviation		GB17625.1-2012		

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Lighting Electrical Appliances	General				CNCA-01C-022：2007			
	Portable general purpose luminaires (Luminaire at voltage above 36)	Portable general purpose luminaires A luminaire which, in normal use, can be moved form one place to another while connected to the supply. Portable general purpose luminaries, other than hand-lamps, for use with tungsten filament, tubular fluorescent and other discharge lamps on supply voltages not exceeding 250V.	IEC 60598-1:2003 IEC 60598-2-4:1997	No Deviation		GB7000.1-2007 GB7000.204-2008	S & E	**APP & SDoC**
			CISPR 15:2005 + am1-2006	No Deviation		GB17743-2007		
			IEC 61000-3-2:2000 + A1:2001	No Deviation		GB17625.1-2003		
	Fixed general purpose luminaires (Luminaire at voltage above 36)	Fixed general purpose luminaires A luminaire which cannot easily be moved from one place to another, either because the fixing is such that the luminaire can only be removed with the aid of a tool, or because it is intended for use out of easy reach. The fixed luminaries for use with tungsten filament, tubular fluorescent and other discharge lamps.	IEC 60598-1:2003 IEC 60598-2-1:1979 +A1:1987	No Deviation		GB7000.1-2007 GB7000.201-2008	S & E	**SDoC**
			CISPR 15:2005 + am1-2006	No Deviation		GB17743-2007		
			IEC 61000-3-2: 2000 + A1:2001	No Deviation		GB17625.1-2003		
	Recessed luminaires (Luminaire at voltage above 36)	Recessed luminaires A luminaire intended by the manufacturer to be fully or partly recessed into a mounting surface. Recessed luminaries for use with tungsten filament, tubular fluorescent and other discharge lamps. This section does not cover air-handling luminaries. This section does not apply to air-handling or liquid-cooled luminaries.	IEC 60598-1:2003 IEC 60598-2-2:1997 (Consolidated ed.2.1)	No Deviation		GB7000.1-2007 GB7000.202-2008	S & E	**SDoC**
			CISPR 15:2005 + am1-2006	No Deviation		GB17743-2007		
			IEC 61000-3-2: 2000 + A1:2001	No Deviation		GB17625.1-2003		
	Aquarium luminaires	This part of IEC 60598 specifies requirements for household aquarium luminaires for use with tungsten filament, tubular fluorescent or other discharge lamps on supply voltages not exceeding 1 000 V.	IEC 60598-1:2003 IEC 60598-2-11:2005 CISPR 15:2005 + am1-2006 IEC 61000-3-2: 2000 + A1:2001	No Deviation No Deviation No Deviation No Deviation		GB7000.1-2007 GB7000-211-2008 GB17743-2007 GB17625.1-2003	S & E	SDoC
	Mains socket-outlet mounted nightlights	This part of IEC 60598 specifies requirements for mains socket-outlet mounted nightlights for use with electric light sources, on supply voltages not exceeding 250 V a.c. 50/60 Hz.	IEC 60598-1:2003 IEC 60598-2-12:2006 CISPR 15:2005 + am1-2006 IEC 61000-3-2: 2000 + A1:2001	No Deviation No Deviation No Deviation No Deviation		GB7000.1-2007 GB7000.212-2008, GB17743-2007 GB17625.1-2003	S & E	SDoC
	Ground recessed luminaires	This Part 2 of IEC 60598 specifies requirements for ground recessed luminaires incorporating electric light sources for operation from supply voltages up to 1 000 V, for indoor or outdoor use, e.g. in gardens, yards, carriageways, parking lots, cycleways, footways, pedestrian areas, swimming pools areas outside zones for SELV, nurseries and similar applications.	IEC 60598-1:2003 IEC 60598-2-13:2006 CISPR 15:2005 + am1-2006 IEC 61000-3-2: 2000 + A1:2001	No Deviation No Deviation No Deviation No Deviation		GB7000.1-2007 GB7000.213-2008, GB17743-2007 GB17625.1-2003	S & E	SDoC
	Portable luminaires for children	This part of IEC 60598 specifies requirements for portable luminaires for children and for use with tungsten filament lamps or single capped fluorescent lamps on a supply voltage not exceeding 250 V. It is to be read in conjunction with those sections of Part 1 to which reference is made.	IEC 60598-1:2003 IEC 60598-2-10:2003 CISPR 15:2005 + am1-2006 IEC 61000-3-2: 2000 + A1:2001	No Deviation No deviation No Deviation No Deviation		GB7000.1-2007 GB7000.4-2007, GB17743-2007 GB17625.1-2003	S & E	SDoC
	Ballasts for fluorescent lamps	Tube fluorescence ballasts ballasts for fluorescent lamps Ballasts, excluding resistance types, for use on a.c. supplies up to 1000V at 50Hz or 60Hz, associated with fluorescent lamps with or without pre-heated cathodes operated with or without a starter or starting device and having rated wattages, dimensions and characteristics as specified in IEC 60081 and 60901.	IEC 61347-1:2007 IEC 61347-2-8:2000 + am1-2006	No Deviation No Deviation		GB19510.1-2009 GB19510.9-2009,	S & E	**SDoC**
			CISPR 15:2005 + am1-2006	No Deviation		GB17743－2007,		
			IEC 61000-3-2: 2000 + A1:2001	No Deviation		GB17625.1-2003		
	Ballasts for discharge	Ballasts for discharge lamps such as high-	IEC 61347-1:2007	No Deviation		GB19510.1-2009	S & E	**SDoC**

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	lamps (excluding fluorescent lamps)	pressure mercury vapour, low-pressure sodium vapour, high-pressure sodium vapour and metal halide lamps. The standard covers inductive-type ballasts for use on a.c. supplies up to 1000V at 50Hz or 60Hz, associated with discharge lamps, having rated wattages, dimensions and characteristics as specified in IEC 60188, IEC60192 AND IEC 60662.	IEC 61347-2-9: 2000 + am1-2003 + am2-2006	No Deviation		GB19510.10-2009,		
			CISPR 15:2005 + am1-2006	No Deviation		GB17743－2007,		
			IEC 61000-3-2: 2000 + A1:2001	No Deviation		GB17625.1-3003		
	A.C Supplied electronic ballasts for fluorescent lamps	Mains-supplied a.c. to a.c. invertor including stabilizing elements for starting and operating one or more tubular fluorescent lamps, generally at high frequency. Electronic ballasts for use on a.c. supplies up to 1,000V at 50Hz or 60Hz with operating frequencies deviating from the supply frequency, associated with fluorescent lamps as specified in IEC 60081 and IEC 60901, and other fluorescent lamps for high-frequency operation.	IEC 61347-1:2007 IEC 61347-2-3:2000 + am1-2004 + am2-2006	No Deviation No Deviation		GB19510.1-2009 GB19510.4-2009,	S & E	**SDoC**
			CISPR 15: 2005 + am1-2006	No Deviation		GB17743－2007,		
			IEC 61000-3-2: 2000 + A1:2001	No Deviation		GB17625.1-2003		