

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;	<i>IEC799: 1984+Amendment1 : 1993</i>	4.1 The plug of the cord set complies for GB2099.1, the connector complies for GB 17465.1 (see couplers) and the cable complies for GB5023.3 (see PVC Cables), GB5013.2, GB3958 or IEC60227-5. 4.2.3 The requirements for classification of the equipment with regard to protection against electric shock - comply with GB/T 12501 or IEC 60536-1976	CNCA-01C-001: 2001	GB15934-1996	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.	<i>IEC60227-1,-3: 1993 IEC60227-2,-5: 1979 IEC60227-4: 1992 IEC60227-6: 1985 IEC60227-7: 1995</i>	No Deviation	CNCA-01C-002: 2007	GB5023.1~.7-1997	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
		<p>Flexible cable usually used in bending, remove and torsion situation which should have good flexible properties and stabile construction and fine abrade performance.</p> <p>Screen flexible cable is usually used in anti-interfere equipment such as various appliance, instrument, power equipment and automatic device.</p>						
	Rubber insulated cables of rated voltages up to and including 450/750V	<p>Wire is designed for connection in outdoor overhead insulated cable, indoor lead-in and distribution wiring and power supply connection.</p> <p>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.</p> <p>Flexible cable is used as connection in removable electric appliance (household electric appliance, electro-motion tools, etc), apparatus and power lighting.</p> <p>The working voltage is not exceeding 750V a.c. and most of them are 300V a.c.</p> <p>Flexible cable usually used in bending, remove and torsion situation which should have good flexible properties and stabile construction and fine abrade performance.</p> <p>Rubber insulated flexible cable can be used in rigorous environment.</p>	JB8735.1~.3-1998	<i>No corresponding IEC standard.</i>	CNCA-01C-002: 2007	JB8735.1~.3-1998	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
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;	<i>IEC60320-1: 1994ed1+1995am1 +1996am2</i>	<i>1.Range: Note 1: GB Standard: have not adopted the second sentence Note 3: GB Standard: do not usually exceed 35 °C, Reach 40 °C Occasionally; 9.1 GB Standard is arranged for the order, Change picture C5 of IEC320-1 to C3, Following picture number analogizes according to this. GB Standard, the test temperature is 35 °C±2 °C; while IEC320-1, The test temperature is 25 °C±2 °C. 9.3 What GB Standard adopted is GB2099.1 and GB1002 replace IEC83 that IEC320-1 requires; 9.4 GB Standard, The experiment goes on under the environment temperature of 40 °C±2 °C; 10.1 GB Standard, Addition: "Use with 40V-50V" electrically to show whether it contacted with the component be tested; 10.2 "note" GB Standard have not adopted. 12.2.6 Stipulate in form 1, "Terminal size" 2 is: "Number of wires and nominal diameter of wires of the flexible conduct-or mm" is 49×0.25; 13.3 "note" GB Standard have not adopted. 13.12 What GB Standard is adopted is GB15092.1 and GB/T14536.1 Replaces IEC1058 and IEC730 required of IEC320-1. 14. Moisture resistance: GB Standard, The test temperature is 40 °C±2 °C; 22.1 "note" GB Standard have not adopted. 22.3 GB Standard, The exerts time of pulling force in Fig. 16 not Stipulating; 27.1.3 What GB Standard is adopted is GB/T5169.11 replace IEC695 that IEC320-1 requires; 27.2 What GB Standard is adopted is GB4207 replace IEC112 that IEC320-1 requires, and the content of the test has not been dismantled and divided into 27. 2. 1, 27.2.2, 27.2. 3, 27.2.4.</i>	CNCA-01C-006: 2001	GB17465.1-1998	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
			IEC60320-2-2: 1990ed1+1994am1 + 1997 am2	<p>1 Range: Do not usually exceed 35 °C, Reach 40 °C occasionally; Clause number is different, Increase chapter II of the reference standard. Every chapter will extend the serial number afterwards; Add the small letter part of IEC for " note ";</p> <p>9.2 Show clearly that should accord with Fig. 2A-2L;</p> <p>9.4 Show clearly in note that should accord with Fig. 2A-2L;</p> <p>10.2 Show clearly in note that should accord with Fig. 2A-2L;</p> <p>11.2 Show clearly that should accord with Fig. 2A-2L;</p> <p>13.4 Have not indicated the test temperature, see 7.1. The test temperature is 65 °C (Cold condition);</p> <p>13.13 Have not indicated 13.13 not suitable;</p> <p>15.2 Remove 15.2 clause Number;</p> <p>16 Remove 16 clause number;</p> <p>17 The topic remove "circuit resistance";</p> <p>19 Show clearly that should accord with Fig. 2A-2L;</p> <p>21 The fourth Section, show clearly that should accord with Fig. 2A-2L; Use while testing 1.15 times rated current;</p> <p>22 The topic is changed into: Remove "flexible cables" in flexible cord and joining;</p> <p>22.4 Form change into 10A 0.75mm²;</p> <p>26 Delete clearly "The connector is tested separately in two kinds of situations"</p>		GB17465.2-1998		

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	Relevant National Standard	E,S, S & E	NZ App or SDoC
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	<i>IEC 60884-1: 1994 ed2</i>	<i>Sub-CI.1 In GB is suitable for use at ambient temperatures not normally exceeding 35 °C, but occasionally reaching 40 °C.</i> <i>Sub-CI.6.1 Table1: Deletion: rated voltage 130V, rated current 2.5A</i> <i>Sub-CI.9.1: In GB Plugs and socket-outlets shall comply with GB1002; The showing method about the measurement class is different.</i> <i>Sub-clauses 9.2 changed to: The plug can not plug with the different electriferous pole socket-outlets.</i> <i>Deletion: 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.</i> <i>Accessories of electrometric or thermoplastic material is carried out at an ambient temperature of 40 °C±2 °C.</i> <i>In GB the sub-clauses 9.3 is deleted.</i> <i>Sub-clauses 10.1,10.3, 10.5,10.7: thermoplastic material is carried out at an ambient temperature of 40 °C±2 °C, while 35 °C±2 °C in IEC60884-1.</i> <i>Deletion: Sub-clauses 14.2 testing for pins which are not solid.</i> <i>Sub-clauses 16.3: The temperature of the air is maintained convenient value between 40 °C ±2 °C .</i> <i>While, in IEC60884-1, the temperature of the air ,where samples are placed ,is maintained within 35 °C±2 °C .</i> <i>CI.20 Breaking capacity</i> <i>Deletion: testing for pins which are not solid and pins provided with insulating sleeves.</i> <i>CI.21 Normal operation</i> <i>Deletion: testing for pins which are not solid and pins provided with insulating sleeves.</i> <i>CI.24 Mechanical strength</i> <i>In GB the sub-clauses 24.7 is not adopted.</i> <i>CI.28 Resistance of Insulating material to abnormal heat, to fire and to tracking</i> <i>In GB the sub-clauses 28.1.2 is not adopted.</i> <i>CI.30 Additional tests on pins provided with insulating sleeves</i> <i>In GB the clause 30 is not adopted.</i>	CNCA-01C-003: 2001	GB2099.1-1996	S	App & SDoC
			<i>IEC60884-2-2: 1989ed1</i>	<i>9.1 addition: Types, basic parameters and dimensions of socket-outlets for appliances shall comply with GB1002 or the relational standards.</i>		GB2099.2-1997		
			<i>GB1002-1996</i> <i>GB1003-1999</i>	<i>No corresponding IEC standard.</i>		<i>GB1002-1996</i> <i>GB1003-1999</i>		
		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;	<i>IEC 60884-1: 1994 ed2</i>	See above	CNCA-01C-003: 2001	GB2099.1-1996	S	APP & SDoC
			<i>IEC60884-2-2: 1989ed1</i>	<i>9.1 addition: Types, basic parameters and dimensions of socket-outlets for appliances shall comply with GB1002 or the relational standards.</i>		GB2099.2-1997		

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	Relevant National Standard	E,S, S & E	NZ App or SDoC
		(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	GB1002-1996 GB1003-1999	<i>No corresponding IEC standard</i>		GB1002-1996 GB1003-1999		
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	<i>IEC60669-1: 2000ed3.1</i>	<i>1 "not normally exceeding 25 °C, but occasionally reaching 35 °C" should be replaced by "not normally exceeding 35 °C, but occasionally reaching 40 °C" 6.2 addition: the rated current of cord switch for fixed-electrical installations can be 4A 10.1 6th paragraph: "35 °C±2 °C" should be replaced by "40 °C±2 °C" 15.3 "(The Cabin) temperature should keep in any convenient value t±1K between 20 °C and 30 °C.Before putting in the cabin, the sample should keep in this temperature between t and t+4K. " should be replaced by "The temperature of cabin should keep between 40 °C±2 °C. Before putting in the cabin, the sample should keep in this temperature "</i>	CNCA-01C-004: 2001	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
	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;	<i>IEC60898-1: 2002</i>	No Deviation	CNCA-01C-012: 2007	GB10963.1-2005	S	App & SDoC

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	<i>Relevant National Standard</i>	E,S, S & E	NZ App or SDoC
Small-Power Motor					CNCA-01C-013: 2007			

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	<p>Electric tools, which are hand-held motor-operated or magnetically driven and incorporated with the supply cords and switches in them</p> <p>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.</p> <p>Excepting tools with high frequency (more than 60 Hz) or with the function of protecting against explosion.</p>			CNCA-01C-014: 2007			
	Drills including Impact drills	<p>Drill angle drill</p> <p>a. Tools intended for boring holes in various materials, such as metal, plastic, wood and so on.</p> <p>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.</p> <p>Impact drills</p> <p>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.</p> <p>b. In general, series motors are used.</p>	<p>IEC 60745-1: 2003, ed 3.2 IEC 60745-2-1: 2003, ed 2</p> <p>CISPR14-1:2000 IEC61000-3-2:2001</p>	<p>No Deviation</p> <p>No Deviation</p> <p>No Deviation</p>		<p>GB3883.1-2005 GB3883.6-2007</p> <p>GB4343.1-2003 GB17625.1-2003</p>	S & E	SDoC
	Screwdrivers and Impact wrenches	<p>Screw-drivers, screw-drivers driven with permanent magnet motor</p> <p>a. Tools intended for tightening and loosening screws with screw bits.</p> <p>b. No impact mechanism in it. The torque can be adjusted and limited.</p> <p>c. In general, the series motors are used. When use of permanent magnet motors, the supply is provide with power box.</p> <p>Impact wrenches (the wrenches without impact mechanism are not covered.)</p> <p>a. Tools intended for tightening and loosening screws, nuts and like with wrench sets.</p> <p>b. The rotary impact, mechanisms are equipped. In general, the series motors are used. Occasionally the three phases asynchronous motors are used.</p>	<p>IEC 60745-1: 2003, ed 3.2 IEC 60745-2-2: 2003, ed 2</p> <p>CISPR14-1:2000 IEC61000-3-2:2001</p>	<p>No Deviation</p> <p>No Deviation</p> <p>No Deviation</p>		<p>GB3883.1-2005 GB3883.2-2005</p> <p>GB4343.1-2003 GB17625.1-2003</p>	S & E	SDoC
	Grinders including Angle grinders, Straight grinders, Die grinders, Grinders with water supply, Polishers and Disk-sanders	<p>Angle grinders, cutting grinders</p> <p>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.</p> <p>b. In general, the series motors are used. When grinding the ground surface, the tools shall be supplied with an isolated transformers with rated voltages no more than 115V.</p> <p>Grinders, die grinders, valve grinders</p>	<p>IEC 60745-1: 2003, ed 3.2 IEC 60745-2-3: 2006, ed 2</p> <p>CISPR14-1:2000 IEC61000-3-2:2001</p>	<p>No Deviation</p> <p>No Deviation</p> <p>No Deviation</p>		<p>GB3883.1-2005 GB3883.3-2007</p> <p>GB4343.1-2003 GB17625.1-2003</p>	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
		<p>a. Tools intended for grinding non-smooth metallic surface with various shape small grinding wheels.</p> <p>b. In general, the series motors are used.</p> <p>Strait grinders</p> <p>a. Tools intended for grinding non-smooth metallic surface and weld with cylindrical surface of grinder wheel.</p> <p>b. In general, the series motors are used. Occasionally the three phases asynchronous motors are used.</p> <p>Polishers</p> <p>a. Tools intended for polishing variant material surface with polishing wheel.</p> <p>b. In general, the series motors are used.</p>						
Sanders including Orbital sanders, Belt sanders and Random sanders		<p>Disk-type sanders</p> <p>a. Tools intended for moving surface material with round-type abrasive papers fitted the basic pad.</p> <p>b. The rotating spindle of the tool is in-line with the motor-shaft. In general, the series motors are used.</p> <p>Sanders other than disk type, random orbital sanders, orbital sanders</p> <p>a. Tools intended for sanding surface material with various shape abrasive papers.</p> <p>b. Sanders equipped with a plate, which performs an orbital oscillating motion parallel to the work surface, in general, series motors are used.</p> <p>Polishers other than disk type, random orbital polishers, orbital polishers</p> <p>a. Tools intended for polishing surface material with polishing wheels.</p> <p>b. Polishers equipped with a plate, which performs an orbital oscillating motion parallel to the work surface, in general, series motors are used.</p> <p>Belt sanders</p> <p>a. Tools intended for sanding surface material with endless abrasive belts.</p> <p>b. In general, series motors are used.</p>	IEC 60745-1: 2003, ed 3.2 IEC 60745-2-4: 2002, ed 2	No Deviation		GB3883.1-2005 GB3883.4-2005	S & E	SDoC
			CISPR14-1:2000	No Deviation		GB4343.1-2003		
			IEC61000-3-2:2001	No Deviation		GB17625.1-2003		
Circular saws		<p>Circular saws</p> <p>a. Tools intended for cutting various material with rotating toothed blades.</p> <p>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.</p>	IEC 60745-1: 2003, ed 3.2 IEC 60745-2-5: 2003, ed 2	No Deviation		GB3883.1-2005 GB 3883.5-2007	S & E	SDoC
			CISPR14-1:2000	No Deviation		GB4343.1-2003		
			IEC61000-3-2:2001	No Deviation		GB17625.1-2003		
Rotary hammers Including Hammers		<p>Hammers, including Rotary hammers, Hammer drills, rock breaker</p> <p>a. Tools intended for boring holes in concrete, stone and so on.</p> <p>b. Hammer: equipped with a build-in percussion system which is not influenced by the operator. It has no the capability of rotational motion.</p> <p>c. Rotary hammer: equipped with a build-in percussion system which is not influenced by the operator. It has the capability of rotational motion.</p> <p>d. Hammer drill: it similar to rotary hammer</p>	IEC 60745-1: 2003, ed 3.2 IEC 60745-2-6: 2003, ed 2; Amd1 (2006)	No Deviation		GB3883.1-2005 GB3883.7-2005	S & E	SDoC
			CISPR14-1:2000	No Deviation		GB4343.1-2003		
			IEC61000-3-2:2001	No Deviation		GB17625.1-2003		

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	Relevant National Standard	E,S, S & E	NZ App or SDoC
		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.						
	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, ed 1 IEC60745-2-7: 1989, ed 1	No Deviations		GB3883.1-1991 GB3883.13-1992	S & E	SDoC
			CISPR14-1:2000	No Deviation		GB4343.1-2003		
			IEC61000-3-2:2001	No Deviation		GB17625.1-2003		
	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: 2003, ed 3.2 IEC 60745-2-8: 2003, ed 2	No Deviation		GB3883.1-2005 GB3883.8-2005	S & E	SDoC
			CISPR14-1:2000	No Deviation		GB4343.1-2003		
			IEC61000-3-2:2001	No Deviation		GB17625.1-2003		
	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: 2003, ed 3.2 IEC 60745-2-9: 2003, ed 2	No Deviation		GB3883.1-2005 GB3883.9-2005	S & E	SDoC
			CISPR14-1:2000	No Deviation		GB4343.1-2003		
			IEC61000-3-2:2001	No Deviation		GB17625.1-2003		
	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 saw blade acting in a reciprocating or oscillating motion. b. In general, series motors are used.	IEC 60745-1: 2003, ed 3.2 IEC 60745-2-11: 2003, ed 2	No Deviation		GB3883.1-2005 GB3883.11-2005	S & E	SDoC
			CISPR14-1:2000	No Deviation		GB4343.1-2003		
			IEC61000-3-2:2001	No Deviation		GB17625.1-2003		
	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: 2003, ed 3.2 IEC 60745-2-12: 2003, ed 2	Clause 24 Cable bending test is not required for the vibrators with flexible shaft		GB3883.1-2005 GB3883.12-2007	S & E	SDoC
			CISPR14-1:2000	No Deviation		GB4343.1-2003		
			IEC61000-3-2:2001	No Deviation		GB17625.1-2003		
	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, ed 3.2 IEC 60745-2-13: 2006, ed 2	No Deviation		GB3883.1-2005 GB 3883.14-2007	S & E	SDoC
			CISPR14-1:2000	No Deviation		GB4343.1-2003		
			IEC61000-3-2:2001	No Deviation		GB17625.1-2003		
	Planers	Planers a. Tools intended for removing surface	IEC 60745-1:	No Deviation		GB3883.1-2005	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
		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 device 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.	2003, ed 3.2 IEC 60745-2-14: 2003, ed 2			GB 3883.10-2007		
			CISPR14-1:2000	No Deviation		GB4343.1-2003		
			IEC61000-3-2:2001	No Deviation		GB17625.1-2003		
	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, ed 3.2 IEC 60745-2-17: 2003, ed 2	No Deviation		GB3883.1-2005 GB3883.17-2005	S & E	SDoC
			CISPR14-1:2000	No Deviation		GB4343.1-2003		
			IEC61000-3-2:2001	No Deviation		GB17625.1-2003		
	Hedge trimmers and Grass shears	Hedge trimmers a. Tools intended for trimming hedges and bushes. b. In general, series motors are used. Grass shears a. Tools intended for shearing the lawn with metal blades fixed on the spindle. b. In general, series motors are used.	IEC 60745-1: 2003, ed 3.2 IEC 60745-2-15: 2006, ed 2	No Deviation		GB3883.1-2005 GB 3883.15-2007	S & E	SDoC
			CISPR14-1:2000	No Deviation		GB4343.1-2003		
			IEC61000-3-2:2001	No Deviation		GB17625.1-2003		

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	Relevant National Standard	E,S, S & E	NZ App or SDoC
Electric welding machines	General	AC arc welding machines supplied by a voltage not exceeding that specified in Table 1 of IEC 60038.						
	Portable AC arc welding machines	Portable arc welding transformers for short time welding with cored electrodes; rated welding current not more than 200A, duty cycle is 20%.	GB19213-2003	No IEC Equivalent	CNCA-01C-015:2007	GB19213-2003	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: 2007					
	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.	IEC60335-1: 1991 +A1(1994) IEC60335-2-24:2000	No Deviations		GB4706.1-1998 GB4706.13-2004 GB4343.1-2003 GB17625.1-2003	S & E	SDoC		
			CISPR14-:2000 +A1(2001)	No Deviations						
			IEC61000-3-2:2001	No Deviations						
	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.	IEC60335-1: 1991 +A1(1994) IEC60335-2-80 : 1997	No Deviations		GB 4706.1-1998 GB 4706.27-2003 GB4343.1-2003 GB17625.1-2003	S & E	SDoC		
CISPR14-:2000 +A1(2001)			No Deviations							
IEC61000-3-2:2001			No Deviations							
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 IEC60335-1: 1991 +A1(1994) IEC60335-2-4:1993 +A1(1997) +A2(1999)	6.1 add class 01 appliance.		GB4706.1-1998 GB4706.26-2000 GB4343.1-2003 GB17625.1-2003	S & E	SDoC			
		CISPR14-1:2000 +A1(2001)	No Deviations							
		IEC61000-3-2:2001	No Deviations							
		Washing machine IEC60335-1: 1991 +A1(1994) IEC60335-2-7:1993 +A1(1998)+A2(1999)	2.2.9 Temperature of water changed to 50±5°C 6.1 Add class 01 appliances					GB4706.1-1998 GB4706.24-2000	S & E	SDoC
		CISPR14-1:2000	No Deviations							

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	Relevant National Standard	E,S, S & E	NZ App or SDoC
			+A1(2001)					
			IEC61000-3-2:2001	No Deviations		GB17625.1-2003		
			Clothes dryer	No Deviations		GB4706.1-1998	S & E	SDoC
			IEC60335-1: 1991 +A1(1994) IEC60335-2-11:1993 +A1(1998) +A2(1999)			GB4706.20-2000		
			CISPR14-1:2000 +A1(2001)	No Deviations		GB4343.1-2003		
			IEC61000-3-2:2001	No Deviations		GB17625.1-2003		
	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 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	IEC60335-1: 2004 IEC60335-2-21: 2004 (MOD)	Optional Deviation for earthing arrangements of annex AA of GB 4706.12 2006		GB4706.1-2005 GB 4706.12 2006	S	SDoC
	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	IEC60335-1: 2004 IEC60335-2-35: 2002	No Deviations		GB4706.1-2005 GB4706.11-2006	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
		heating element, or other means to achieve the function of heating water						
	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.	IEC60335-1: 1991 +A1(1994) IEC60335-2-30:1996 +A1(1999)	No Deviations		GB4706.1-1998 GB4706.23-2003	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 IEC60335-2-2: 2002 CISPR14-1:2000 +A1(2001) IEC61000-3-2:2001	No Deviations No Deviation No Deviation		GB4706.1-2005 GB4706.7-2004 GB4343.1-2003 GB17625.1-2003	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.	IEC60335-1: 1991 +A1(1994) IEC60335-2-23:1996 +A1(2000) CISPR14-1:2000 +A1(2001) IEC61000-3-2:2001	No Deviation No Deviation No Deviation		GB4706.1-1998 GB4706.15-2003 GB4343.1-2003 GB17625.1-2003	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.	IEC60335-1: 1991 +A1(1994) IEC60335-2-3:1993 +A1(1999)+A2(1999) CISPR14-1:2000 +A1(2001) IEC61000-3-2:2001	No Deviation No Deviation No Deviation		GB4706.1-1998 GB4706.2-2003 GB4343.1-2003 GB17625.1-2003	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
	Roasters (Toasters, grills, roasters and similar appliances) Excluding; Bread makers, Induction hotplates, dehydrators, outdoor Barbeques, frying pans, deep fat fryers, Woks, and Warming plates.	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, cooking and so on. 4. Belonging to portable apparatus	IEC60335-1: 1991 +A1(1994) IEC60335-2-9:1993	No Deviation		GB4706.1-1998 GB4706.14-1999	S	SDoC
	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	IEC60335-1: 1991 +A1(1994) IEC60335-2-14:1994 +A1(1999)+A2(1999)	No Deviation		GB4706.1-1998 GB4706.30-2002	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	IEC60335-1: 1991 +A1(1994) IEC60335-2-25:1996 +A1(1999)	No Deviation		GB4706.1-1998 GB4706.21-2002	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.	IEC60335-1: 1991 +A1(1994) IEC60335-2-6:1997 +A1(2000)	No Deviation		GB4706.1-1998 GB4706.22-2002	S	SDoC
	Range hoods	1. Intended for household or similar purpose: dangerous to public,	IEC60335-1: 1991 +A1(1994)	No Deviation		GB4706.1-1998	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
		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.	IEC60335-2-31:1995 +A1(1998)			GB4706.28-1999		
	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.	IEC60335-1: 1991 +A1(1994) IEC60335-2-15:2000 +A2(2000)	No Deviations		GB4706.1-1998 GB4706.19-2004	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.	IEC60335-1: 1991 +A1(1994) IEC60335-2-15:2000 +A2(2000) CISPR14-1:2000 +A1(2001) IEC61000-3-2:2001	No Deviations No Deviation No Deviation		GB4706.1-1998 GB4706.19-2004 GB4343.1-2003 GB17625.1-2003	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
Audio & Video products	General		IEC60065:1998	<p><i>For safety standards:</i></p> <p><i>4.2.1 first sentence replaced by:</i> <i>The apparatus is connected to a supply voltage of 0.9 times or 1.1 times of any RATED SUPPLY VOLTAGE for which the apparatus is designed.</i></p> <p><i>5.1 (f) Second paragraph replaced by:</i> <i>...When single rated voltage is given, it should be marked 220 V, For a rating range, it should cover 220 V; when multiple RATED VOLTAGES are given, one of them must be 220 V and also factory default setting should be 220 V.</i></p> <p><i>5.4 replaced by:</i> <i>When information with regard to safety is required according to this standard, this information shall be given in an instruction for installation or use and supplied with the apparatus. This information shall be given in simplify Chinese where the apparatus is intended to be used</i></p> <p><i>14.1.1 second paragraph replaced by:</i> <i>Plugs and appliance couplers which are live, although not intended for connection of the apparatus to the supply mains</i></p> <p><i>15.1.1 first sentence replaced by:</i> <i>Plugs and appliance couplers for the connection of the apparatus to the MAINS and socket-outlets and interconnection couplers for providing MAINS power to other apparatus shall comply with the Chinese National standards, Industrial standards or relevant IEC standards for plugs and socket-outlets, appliance couplers or interconnection couplers.</i></p>	CNCA-01C-017: 2007			
	power adapters for AV	≥36V For audio/video products use (including charger and discharger) (not including charger for type 5 and type 7 charging batteries use)	IEC60065:1998 CISPR13:2001 IEC61000-3-2:2001	See above No Deviation No Deviation		GB8898-2001 GB13837-2003 GB17625.1-2003	S & E	SDoC
	color 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)	IEC60065:1998 CISPR13:2001 IEC61000-3-2:2001	See above No Deviation No Deviation		GB8898-2001 GB13837-2003 GB17625.1-2003	S & E	SDoC
	B&W or monochrome television receivers and display monitors with kinds of display types	≥36V A household type and profession equipment						

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	Relevant National Standard	E,S, S & E	NZ App or SDoC
Information Technology Equipments	General		IEC60950 : 1999	<p>1.4.5 second paragraph replaced by: If the equipment is intended for direct connection to an AC MAINS SUPPLY, the tolerances on RATED VOLTAGE shall be taken as +10 % and - 10 %,unless:</p> <p>1.7.1 fifth paragraph replaced by: ...When single rated voltage is given, it should be marked 220 V; when a rating range is given, the voltage range shall have a hyphen (-) between the minimum and maximum RATED VOLTAGES and should cover 220 V; When multiple RATED VOLTAGES or RATED VOLTAGE RANGES are given, they shall be separated by a solidus (/) and one of them must be 220 V and also factory default setting should be 220 V.</p> <p>...RATED FREQUENCY or RATED FREQUENCY RANGE should be 50Hz or cover 50Hz, unless the equipment is designed for d.c. only;</p> <p>1.7.12 replaced by: instruction and Marking with regard to safety shall be given in simplify Chinese</p> <p>3.2.1 Add at the end of the first paragraph: Plugs of apparatus which are intended for the connection of the mains supply should comply with requirements of GB1002.</p> <p>Plugs of apparatus which are intended for the connection of the mains supply should comply with requirements of GB1002. (删去, 与上一句重复)</p>	CNCA-01C-020: 2007	GB4943-2001		
	Switching power supply units for computer, Adapter, Charger	≥36V Switching power supply units for computer, Adapter, Charger etc. information technology equipment use	IEC60950 : 1999	See above	See Above	GB4943-2001	S & E	SDoC
			CISPR22: 1997	No Deviation		GB9254-1998		
			IEC61000-3-2: 2001	No Deviation		GB17625.1-2003		

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	Relevant National Standard	E,S, S & E	NZ App or SDoC
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 from one place to another while connected to the supply. Portable general purpose luminaires, other than hand-lamps, for use with tungsten filament, tubular fluorescent and other discharge lamps on supply voltages not exceeding 250V.	IEC60598-1:1999 IEC60598-2-4:1997	No Deviation		GB7000.1-2002 GB7000.11-1999 GB17743-1999 GB17625.1-2003	S & E	APP & SDoC
			CISPR15:1996+A1:1997	No Deviation				
			IEC61000-3-2:2001	No Deviation				
	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 luminaires for use with tungsten filament, tubular fluorescent and other discharge lamps.	IEC60598-1:1999 IEC60598-2-1:1979 +A1:1987	No Deviation		GB7000.1-2002 GB7000.10-1999 GB17743-1999 GB17625.1-2003	S & E	SDoC
			CISPR15:1996+A1:1997	No Deviation				
			IEC61000-3-2:2001	No Deviation				
	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 luminaires for use with tungsten filament, tubular fluorescent and other discharge lamps. This section does not cover air-handling luminaires. This section does not apply to air-handling or liquid-cooled luminaires.	IEC60598-1:1999 IEC60598-2-2:1997 (Consolidated ed.2.1)	No Deviation		GB7000.1-2002 GB7000.12-1999 GB17743-1999 GB17625.1-2003	S & E	SDoC
CISPR15:1996+A1:1997			No Deviation					
IEC61000-3-2:2001			No Deviation					
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 61347-1:2003, IEC61347-2-8:2000	No Deviation		GB19510.1-2004, GB19510.9-2004, GB17743-1999, GB17625.1-2003	S & E	SDoC	
		CISPR15:1996+A1:1997	No Deviation					
		IEC61000-3-2:2001	No Deviation					
Ballasts for discharge lamps (excluding fluorescent lamps)	Ballasts for discharge lamps such as high-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 61347-1:2003, IEC 61347-2-9:2003	No Deviation		GB19510.1-2004, GB19510.10-2004, GB17743-1999, GB17625.1-2003	S & E	SDoC	
		CISPR15:1996+A1:1997	No Deviation					
		IEC61000-3-2:2001	No Deviation					
A.C Supplied electronic ballasts for fluorescent lamps	Mains-supplied a.c. to a.c. inverter including stabilizing elements for starting and operating one or more tubular fluorescent lamps, generally at high frequency.	IEC 61347-1:2003 IEC 61347-2-3:2000	No Deviation		GB19510.1-2004, GB19510.4-2005, GB17743-1999,	S & E	SDoC	
		CISPR15:1996+A1:1997	No Deviation					

Product Category	Specified Product	Product Description	Applicable Standard	Applicable Deviation	Implementation Rules	Relevant National Standard	E,S,S & E	NZ App or SDoC
		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.	IEC61000-3-2:2001	No Deviation		GB17625.1-2003		

