

10.6 Scope of Accreditation

Issue No: 03/ Issue Date: 26/02/19
Accreditation Manager: Atta SUBHAN



ACCREDITED
TESTING
ISO/IEC 17025:2005
No. ATL 0031

Testing Laboratory Accreditation No. ATL 0031

is accredited by the GCC Accreditation Center (GAC) in accordance with the recognised International Standard ISO/IEC 17025:2005, "General requirements for the competence of testing and calibration laboratories"

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.	
Issue No: 03	Issue Date: 26/02/19
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Locations where testing activities covered by the above Accreditation Standard are undertaken

1- address: 588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China

For the following scope:

Scope:

Version: 3.5

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Date: 22nd January 2019

Approved by: Atta Subhan

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3. Performance and Approvals Testing

3.15 Electromagnetic compatibility – (emission testing / immunity testing)

3.24 Approval testing on electrical appliances and accessories

50. GSO Directives

50.02. Low Voltage Equipment

50.02.02. Type Approval

Scope details are as follows:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED
Performance and Approvals Testing (Electricity)	Luminaire	Luminaires - Part 1: General requirements and tests	IEC 60598-1:2008 IEC 60598-1:2014 IEC 60598-1:2014+A1:2017 AS/NZS 60598.1:2017 SANS 60598-1:2014 Edition 6 MS 60598-1:2006
		Luminaires	UL 1598 ed 3:2008 C22.2 NO. 250.0-08 (R2013) (Except for Glass Thermal Shock/Containment Test, Gasket Accelerated Aging Test, Battery

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			Tests.)
		Luminaire performance - Part 1: General requirements	IEC 62722-1:2014
	Fixed General Purpose Luminaires	Luminaires. - Part 2: Particular requirements. Section One: Fixed general-purpose luminaires	IEC 60598-2-1:1979 + A1:1987 EN 60598-2-1:1989 AS/NZS 60598.2.1:2014+A1:2016 SANS 60598-2-1:1979 Edition 1 and IEC amdt 1, nat. amdt 1 MS IEC 60598-2-1:1997
	Recessed Luminaires	Luminaires. - Part 2-2: Particular requirements - Recessed luminaires	IEC 60598-2-2:2011 AS/NZS 60598.2.2:2016+A1:2017 SANS 60598-2-2:2013 Edition 2 MS IEC 60598-2-2:1998
Performance and Approvals Testing (Electricity)	Luminaire for Road and Street Lighting	Luminaires. Part 2-3: Particular requirements - Luminaires for road and street lighting	IEC 60598-2-3:2002+A1:2011 AS/NZS 60598.2.3:2015 SANS 60598-2-3:2013 Edition 2.1
	Portable Luminaires for Children	Luminaires. Part 2-4: Particular requirements - Portable general-purpose luminaires	IEC 60598-2-4:1997 IEC 60598-2-4:2017 AS/NZS 60598.2.4:2005+ A1:2007 SANS 60598-2-4:1997 Edition 1 and nat. amdts 1, 2
	Floodlights	Luminaires. Part 2-5: Particular requirements - Floodlights	IEC 60598-2-5:2015 AS/NZS 60598.2.5:2002 SANS 60598-2-5:1998 Edition 1 and IEC interpretation sheet, nat. amdts 1, 2
	Portable Luminaires for Garden Use	Luminaires. Part 2-4: Particular requirements - Portable general-purpose luminaires	IEC 60598-2-7:1982+ A1:1987 +A2:1994 AS/NZS 60598.2.7:2005
	Handlamps	Luminaires. Part 2-8: Particular requirements - Handlamps	IEC 60598-2-8:2013 AS/NZS 60598.2.8:2015

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	Aquarium Luminaires	Luminaires. Part 2-11: Particular requirements - Aquarium luminaires	IEC 60598-2-11:2013
Performance and Approvals Testing (Electricity)	Mains Socket-Outlet Mounted Nightlights	Luminaires. Part 2-12: Particular requirements - Mains socket-outlet mounted nightlights	IEC 60598-2-12:2013 AS/NZS 60598.2.12:2015
	Ground Recessed Luminaire	Luminaires. Part 2-13: Particular requirements - Ground recessed luminaires	IEC 60598-2-13:2006+A1:2011+ A2:2016
	Lighting Chains	Luminaires. Part 2-20: Particular requirements - Lighting chains	IEC 60598-2-20:2014 IEC 60598-2-20:2010 IEC 60598-2-20:1996+ A1:1998+A2:2002 AS/NZS 60598.2.20:2018
	Rope Light	Luminaires. Part 2-21: Particular requirements - Rope lights	IEC 60598-2-21:2014 AS/NZS 60598.2.21:2018
	Emergency Light	Luminaires. Part 2-22: Particular requirements - Luminaires for emergency lighting	IEC 60598-2-22:2014+A1:2017 AS/NZS 60598.2.22:2005
	Luminaires With Limited Surface Temperatures	Luminaires. Part 2-24: Particular requirements - Luminaires with limited surface temperatures	IEC 60598-2-24:2013
Performance and Approvals Testing (Electricity)	LED Luminaires	Luminaire performance - Part 2-1: Particular requirements for LED luminaires	IEC 62722-2-1:2014
Performance and Approvals Testing (Electricity)	Portable Electric Luminaires	Portable Electric Luminaires	UL153 ed 13:2014 (Except for Glass Thermal Shock/Containment Test, Gasket Accelerated Aging Test, Battery Tests.) C22.2 NO. 250.4-14 (Except for Lamp starting and operating measurements, Harmonic distortion test, Lamp fault conditions test, End-of-lamp-life tests for fluorescent lamp adapters, End-of-life test for integral, self-ballasted fluorescent lamps – one filament.)
Performance and Approvals Testing (Electricity)	Interior Lighting, Streetlighting and Floodlighting	Luminaires for interior lighting, streetlighting and floodlighting - Performance requirements.	SANS 475:2013

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Performance and Approvals Testing (Electricity)	Tungsten Filament Lamps for Domestic and Similar General Lighting Purposes	Incandescent lamps - Safety specifications - Part 1: Tungsten filament lamps for domestic and similar general lighting purposes	IEC 60432-1:1999 + A1:2005+A2:2011 AS/NZS 4934.1:2014 AS 4934.2:2011
		Tungsten filament lamps for domestic and similar general lighting purposes - Performance requirements	IEC 60064 :1993 +A1:2000+A2:2002+A3:2005+A4:2007+A5:2009
Performance and Approvals Testing (Electricity)	Tungsten Halogen Lamps for Domestic and Similar General Lighting Purposes	Incandescent lamps - Safety specifications - Part 2: Tungsten halogen lamps for domestic and similar general lighting purposes	IEC 60432-2 :1999 + A1:2005+A2:2012 (Except for safety at end of life)
Performance and Approvals Testing (Electricity)	Tungsten Halogen Lamps(Non-Vehicle)	Incandescent lamps - Safety specifications - Part 3: Tungsten halogen lamps (non-vehicle)	IEC 60432-3:2012 (only for GU10, GZ10 and edison screw cap or bases)
		Tungsten halogen lamps (non vehicle) - Performance specifications	IEC 60357:2002+A1:2006+A2:2008+A3:2011
Performance and Approvals Testing (Electricity)	Double-Capped Fluorecent Lamp	Double-capped fluorescent lamps - Safety specifications	IEC 61195:1999+A1:2012 IEC 61195:1999+A2:2014
		Double-capped fluorescent lamps - Performance specifications	IEC 60081:1997+A1:2000+ A2:2003+A3:2005+A4:2010 +A5:2013 + A6:2017 (only for: Lamps not exceed 1.2m)
Performance and Approvals Testing (Electricity)	Self-Ballasted Lamps for General Lighting Services	Self-ballasted fluorescent lamps for general lighting services - Safety requirements	IEC 60968:2012 IEC 60968:2015 AS/NZS 60968:2001 MS IEC 60968:2006
		Self-ballasted compact fluorescent lamps for general lighting services - Performance requirements	IEC 60969: 1988 + A1:1991 + A2:2000 IEC 60969:2016 MS IEC 60969:2006
Performance and	Single-Capped	Single-capped fluorescent lamps - Safety specifications	IEC 61199:2011+A1:2012+A2:2014

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Approvals Testing (Electricity)	Fluorescent Lamp	Single-capped fluorescent lamps - Performance specifications	IEC 60901:1996+A1:1997+ A2:2000+A3:2004 +A4:2007+A5:2011 + A6:2014
Performance and Approvals Testing (Electricity)	Self-Ballasted Led-Lamps For General Lighting Services by Voltage > 50 V	Self-ballasted LED-lamps for general lighting services by voltage >50 V - Safety specifications	IEC 62560:2011 + A1:2015 MS IEC 62560:2011 AS/NZS 62560:2017 IEC 62612:2013 IEC 62612:2013 / A2:2018
		Self-ballasted LED lamps for general lighting services with supply voltages > 50 V - Performance requirements	IEC 62612:2013 + A1:2015
Performance and Approvals Testing (Electricity)	Self Ballasted Lamps	Self-Ballasted Lamps and Lamp Adapters	CSA C22.2 No.1993-12 & UL1993 ed 4:2012 (Except for Lamp starting and operating measurements, Harmonic distortion test, Lamp fault conditions test, End-of-lamp-life tests for fluorescent lamp adapters, End-of-life test for integral, self-ballasted fluorescent lamps – one filament.) UL1993
		Part 1: Test methods—Energy performance. Part 2: Minimum Energy Performance	AS/NZS 4847.1 2010 AS/NZS 4847.2:2010 + A1:2011
Performance and Approvals Testing (Electricity)	Photobiological Safety of Lamps and Lamp Systems	Photobiological safety of lamps and lamp systems Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires	IEC 62471:2006 IEC TR 62778:2014 MS 203:2014 AS/NZS IEC 62471:2011
	Lamps	Energy efficiency, functionality and labelling requirements for lighting products part 1	SASO-2870:2018 SASO 2902: 2018
	LED Lamps With Control Device Connected To The Base	LED Lamps With Control Device Connected To The Base	INMETRO ORDINANCE No 143 / 2015 INMETRO ORDINANCE No 389 / 2014
	LED Equipment for Use In	Safety for Light Emitting Diode (LED) Equipment for	UL 8750 First edition - Revision date 2014/05/22

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	Lighting Products	Use in Lighting Products,	UL 8750 ed2: 2015
	Edison Screw Lampholders	Edison screw lampholders	IEC 60238:2016 + A1:2017 AS 60238:2015 + A1:2015 + A2:2017
	Lamp Control Gear	Lamp controlgear - Part 1: General and safety requirements	IEC 61347-1:2015+A1:2017 IEC 61347-1:2007 + A1:2010+A2:2012 AS/NZS 61347.1:2016 + A1:2018 MS IEC 61347-1:2003
	D.C. or A.C. Supplied Electronic Step-Down Convertors for Filament Lamps	Lamp controlgear - Part 2-2: Particular requirements for d.c. or a.c. supplied electronic step-down convertors for filament lamps	IEC 61347-2-2:2011 AS/NZS 61347.2.2:2007
	A.C and/or D.C. Supplied Electronic Control Gear for Fluorescent Lamps	Lamp control gear - Part 2-3: Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps	IEC 61347-2-3:2011 + A1:2016 AS/NZS 61347.2.3:2016
	Lamp Controgear for Miscellaneous Electronic Circuits Used With Luminaires	Lamp controlgear - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires	IEC 61347-2-11:2011 + A1:2016 AS/NZS 61347.2.11:2003
Performance and Approvals Testing (Electricity)	D.C. or A.C. Supplied Electronic Ballasts for Discharge Lamps (Excluding Fluorescent Lamps)	Lamp controlgear - Part 2-12: Particular requirements for d.c. or a.c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)	IEC 61347-2-12 :2005+A1:2010
	LED Controller	Lamp controlgear - Part 2-1: Particular requirements for starting devices (other than glow starters)	IEC 61347-2-13:2014 + A1:2016 IEC 61347-2-13:2006 AS 61347.2.13:2018 AS/NZS IEC 61347.2.13:2013 MS IEC 61347-2-13:2011
	LED Driver	DC or AC supplied electronic control gear for LED	IEC 62384:2006 + A1:2009

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		modules - Performance requirements	
	LED Module for General Lightings	LED modules for general lighting - Safety specifications	IEC 62031:2018 IEC 62031:2008+A1:2012+A2:2014 MS IEC 62031:2011
		LED modules for general lighting - Performance requirements	IEC 62717:2014 + A1:2015
	Public road illumination	Technical quality regulation for public road illumination	Ordinance No 20 : 2017
	LED lamp	LEDsi lamps for general lighting services with supply voltages not exceeding 50 V a.c. r.m.s. or 120 V ripple free d.c. - Safety specifications	IEC 62838:2015
	Self ballasted lamps	Self ballasted lamps for general lighting services, Part 1: Minimum Energy. Performance Standards (MEPS) requirements Self-ballasted fluorescent lamps for general lighting services, Part 2: Test Methods-Energy performance	KS 2446-1:2013 KS 2446-2:2013
Performance and Approvals Testing (Electricity)	Ballast For Fluorescent Lamps	Performance of electrical lighting equipment- Ballasts for fluorescent lamps Part 1: Energy labeling and minimum energy performance standards requirements.	KS 2447-1:2013
Performance and Approvals Testing (Electricity)	Double-Capped Fluorescent Lamps	Double-capped fluorescent lamps-performance specification-minimum energy performance standards(MEPS)	KS 2448-1 : 2013

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Performance and Approvals Testing (Electricity)	Household and Similar Electrical Appliances	Household and similar electrical appliances - Safety - Part 1:General requirements	GB 4706.1-2005 IEC 60335-1:2010+A1:2013+A2:2016 EN 60335-1:2012+A11:2014+A12:2017 AS/NZS 60335.1:2011+A1:2012+A2:2014+A3:2015+A4:2017 CAN/CSA-C22.2 No. 60335-1:16 UL 60335-1:2016	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control,Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Vacuum Cleaners and Water-Suction Cleaning Appliances	Household and similar electrical appliances - Safety - Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances	GB 4706.7-2014 IEC 60335-2-2:2009+A1:2012+A2:2016 EN 60335-2-2:2010+A11:2012+A1:2013 AS/NZS 60335-2-2:2010+A1:2011+A2:2014+A3:2015+A4:2017	Except for water-suction cleaning appliance, test on current carrying hose, Oxygen bomb test; tests for hose, capacitor test, automatic control, Capacitors, Coated printed circuit boards, Software evaluation
Performance and Approvals Testing (Electricity)	Electric Irons	Household and similar electrical appliances - Safety - Part 2-3:Particular requirements for electric irons	GB 4706.2-2007 IEC 60335-2-3:2012+A1:2015 EN 60335-2-3:2002+A1:2005+A2:2008+A11:2010+AC:2012 EN 60335-2-3:2016 AS/NZS 60335-2-3:2012+A1:2016 CAN/CSA-E60335-2-3:13 UL 60335-2-3:2016	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control,Annex F Capacitors, Coated printed circuit boards, Software evaluation.

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Performance and Approvals Testing (Electricity)	Spin Extractors	Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors	GB 4706.26-2008 IEC 60335-2-4:2008+A1:2012+A2:2017 EN 60335-2-4:2010+A1:2015 AS/NZS 60335.2.4+A1:2010+A2:2014+A3:2015+A4:2018	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Dishwashers	Household and similar electrical appliances - Safety - Part 2-5: Particular requirements for dishwashers	IEC 60335-2-5:2012+A1:2018 IEC 60335-2-5:2002+A1:2005+A2:2008 EN 60335-2-5:2015 AS/NZS 60335.2.5:2014+A1:2015	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Stationary Cooking Ranges, Hobs, Ovens and Similar Appliances	Household and similar electrical appliances - Safety - Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances	GB 4706.22-2008 IEC 60335-2-6:2014+A1:2018 EN 60335-2-6:2015 AS/NZS 60335-2-6:2014+A1:2015 CAN/CSA-E60335-2-6:13	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Washing Machines	Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines	GB 4706.24-2008 IEC 60335-2-7:2008+A1:2011+A2:2016 AS/NZS 60335.2.7:2012+A1:2015+A2:2017	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.

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Performance and Approvals Testing (Electricity)	Shavers, Hair Clippers and Similar Appliance	Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances	GB 4706.9-2008 IEC 60335-2-8:2012+A1:2015 EN 60335-2-8:2015 + A1:2016 AS/NZS 60335.2.8:2013+A1:2017 CAN/CSA-C22.2 No. 60335-2-8:06 UL 60335-2-8:2016	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Grills, Toasters and Similar Portable Cooking Appliances	Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances	GB 4706.14-2008 IEC 60335-2-9:2008 +A1:2012+A2:2016 EN 60335-2-9:2003+ A1:2004+A2:2006 +A12:2007+A13:2010+A13:2010 +AC:2012 AS/NZS 60335.2.9:2014+A1:2015+A2:2016+A3:2017 CAN/CSA C22.2 No. 60335-2-9:14	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Floor Treatment Machines and Wet Scrubbing Machines	Household and similar electrical appliances - Safety - Part 2-10: Particular requirements for floor treatment machines and wet scrubbing machines	GB 4706.57-2008 IEC 60335-2-10:2002+A1:2008 EN 60335-2-10:2003 + A1:2008 AS/NZS 60335-2-10:2006+A1:2009	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.

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Performance and Approvals Testing (Electricity)	Tumble Dryers	Household and similar electrical appliances - Safety - Part 2-11:Particular requirements for tumble dryers	IEC 60335-2-11:2008+A1:2012+A2:2015 EN 60335-2-11:2010+A11:2012+A1:2015 AS/NZS 60335.2.11:2017	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control,Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Warming Plates and Similar Appliances	Household and similar electrical appliances - Safety - Part 2-12: Particular requirements for warming plates and similar appliances	GB 4706.55-2008 IEC 60335-2-12:2002+A1:2008 EN 60335-2-12:2003+A1:2008 AS/NZS 60335.2.12:2004+A1:2009 CAN/CSA-E60335-2-12:13	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control,Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Deep Fat Fryers, Frying Pans and Similar Appliances	Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances	GB 4706.56-2008 IEC 60335-2-13:2009+ A1:2016 EN 60335-2-13:2010+A11:2012+AC:2016+A12:2016 AS/NZS 60335.2.13:2017 CAN/CSA-E60335-2-13:13	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control,Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Kitchen Machines	Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines	GB 4706.30-2008 IEC 60335-2-14:2016 EN 60335-2-14:2006+A1:2008+A11:2012+A12:2016 AS/NZS 60335-2-14:2013 AS/NZS 60335.2.14:2017	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control,Annex F Capacitors, Coated printed circuit boards, Software evaluation.

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Performance and Approvals Testing (Electricity)	Appliances for Heating Liquids	Household and similar electrical appliances - Safety - Part 2-15:Particular requirements for appliances for heating liquids	GB 4706.19-2008 IEC 60335-2-15:2012+A1:2016 EN 60335-2-15:2002+A1:2005+A2:2008+A11:2012 EN 60335-2-15:2016 AS/NZS 60335.2.15:2013+A1:2016+A2:2017 CAN/CSA C22.2 No.60335-2-15:14	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control,Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Appliances for Skin or Hair Care	Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care	GB 4706.15-2008 IEC 60335-2-23:2016 EN 60335-2-23:2003+A1:2008+A11:2010+A2:2015 AS/NZS 60335.2.23:2017	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control,Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers	Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers	GB 4706.13-2014 IEC 60335-2-24:2010+A1:2012+A2:2017 EN 60335-2-24:2010 AS/NZS 60335.2.24:2010+A1:2013+A2:2018 CAN/CSA-C22.2 No. 60335-2-24:17 UL 60335-2-24:2017	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control,Annex F Capacitors, Coated printed circuit boards, Software evaluation.

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Performance and Approvals Testing (Electricity)	Microwave Ovens, Including Combination Microwave Ovens	Household and similar electrical appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens	GB 4706.21-2008 IEC 60335-2-25:2010+A1:2014+A2:2015 EN 60335-2-25:2012+A1:2015+A2:2016 AS/NZS 60335.2.25:2011+A1:2015+A2:2017	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Sewing Machines	Household and similar electrical appliances - Safety - Part 2-28: Particular requirements for sewing machines	GB 4706.74-2008 IEC 60335-2-28:2002+A1:2008 EN 60335-2-28:2003 + A1:2008 AS/NZS 60335-2-28:2006+A1:2009	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Battery Chargers	Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers	GB 4706.18-2014 IEC 60335-2-29:2016 EN 60335-2-29:2004+A2:2010 AS/NZS 60335.2.29:2017	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Room Heaters	Household and similar electrical appliances - Safety - Part 2-30: Particular requirements for room heaters	GB 4706.23-2007 IEC 60335-2-30:2009+A1:2016 EN 60335-2-30:2009+A11:2012 +AC:2014 AS/NZS 60335-2-30:2015+A1:2015+A2:2017 CAN/CSA-E60335-2-30:13	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.

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Performance and Approvals Testing (Electricity)	Range Hoods	Household and similar electrical appliances - Safety - Part 2-31: Particular requirements for range hoods and other cooking fume extractors	GB 4706.28-2008 IEC 60335-2-31:2012+ A1:2016 EN 60335-2-31:2014 AS/NZS 60335.2.31:2013+A1:2015+A2:2017	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Massage Appliance	Household and similar electrical appliances - Safety - Part 2-32: Particular requirements for massage appliances	GB 4706.10-2008 IEC 60335-2-32:2002+A1:2008+A2:2013 EN 60335-2-32:2003+A1:2008+A2:2015 AS/NZS 60335-2-32:2014	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Commercial Electric Ovens, Hobs and Hob Elements	Household and similar electrical appliances - Safety - Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements	GB 4706.52-2008 IEC 60335-2-36:2017 EN 60335-2-36:2002 + A1:2004+A2:2008+A11:2012	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Commercial Electric Deep Fat Fryers	Household and similar electrical appliances - Safety - Part 2-37: Particular requirements for commercial electric doughnut fryers and deep fat fryers	GB 4706.33-2008 IEC 60335-2-37:2017 EN 60335-2-37:2002+A1:2008+A11:2012+A12:2016	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.

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Performance and Approvals Testing (Electricity)	Commercial Electric Griddles and Griddle Grills	Household and similar electrical appliances - Safety - Part 2-38: Particular requirements for commercial electric griddles and griddle grills	GB 4706.37-2008 IEC 60335-2-38:2002++A1:2008+A2:2017 EN 60335-2-38:2003 + A1:2008	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Commercial Electric Multi-Purpose Cooking Pans	Household and similar electrical appliances - Safety - Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans	GB 4706.40-2008 IEC 60335-2-39:2012+A1:2017 EN 60335-2-39:2003+A1:2004+A2:2008	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Pumps	Household and similar electrical appliances - Safety - Part 2-41: Particular requirements for pumps	GB 4706.66-2008 IEC 60335-2-41:2012 EN 60335-2-41:2003+A1:2004+A2:2010	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Commercial Electric forced Convection Ovens, Steam Cookers and Steam-Convection Ovens	Household and similar electrical appliances - Safety - Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens	GB4706.34-2008 IEC 60335-2-42:2002+A1:2008+A2:2017 EN 60335-2-42:2003+ A1:2008+A11:2012	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.

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Performance and Approvals Testing (Electricity)	Clothes Dryers and Towel Rails	Household and similar electrical appliances - Safety - Part 2-43: Particular clothes dryers and towel rails	GB 4706.60-2008 IEC 60335-2-43:2017 EN 60335-2-43:2003+2006+2008 AS/NZS 60335-2-43:2005+A1:2006+A2:2009 CAN/CSA-E60335-2-43:13	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Ironers	Household and similar electrical appliances - Safety - Part 2-44: Particular requirements for ironers	GB 4706.83-2007 IEC 60335-2-44:2002+A1:2008+A2:2011 EN 60335-2-44:2002 + A1:2008 + A2:2012 AS/NZS 60335-2-44:2012 CAN/CSA C22.2 No.60335-2-44:14	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Commercial Electric Grillers and Toasters	Household and similar electrical appliances - Safety - Part 2-48: Particular requirements for commercial electric grillers and toasters	GB 4706.39-2008 IEC 60335-2-48:2002+A1:2008+A2:2017 EN 60335-2-48:2003+A1:2008+A11:2012	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Commercial Electric Hot Cupboards	Household and similar electrical appliances - Safety - Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm	GB 4706.51-2008 IEC 60335-2-49:2002+A1:2008+A2:2017 EN 60335-2-49:2003 +A1:2008 + A11:2012	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.

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Performance and Approvals Testing (Electricity)	oral Hygiene Appliances	Household and similar electrical appliances - Safety - Part 2-52: Particular requirements for oral hygiene appliances	GB 4706.59-2008 IEC 60335-2-52:2002+A1:2008+A2:2017 EN 60335-2-52:2003 + A1:2008 + A11:2010 AS/NZS 60335.2.52:2006(R2016)+A1:2009 CAN/CSA C22.2 No.60335-2-52:14	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Sauna Heating Appliance	Household and similar electrical appliances - Safety - Part 2-53: Particular requirements for sauna heating appliances and infrared cabins	IEC 60335-2-53:2011+A1:2017 EN 60335-2-53:2011 AS/NZS 60335.2.53:2011+A1:2017	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation. Accredited only for prefabricated sauna.
Performance and Approvals Testing (Electricity)	Surface-Cleaning Appliances for Household Use Employing Liquids or Steam	Household and similar electrical appliances - Safety - Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam	GB 4706.61-2008 IEC 60335-2-54:2008+A1:2015 EN 60335-2-54:2008+A11:2012+AC:2015+A1:2015 AS/NZS 60335.2.54:2010+A1:2010+A2:2016	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.

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Performance and Approvals Testing (Electricity)	Electrical Appliances for Use With Aquariums and Garden Ponds	Household and similar electrical appliances - Safety - Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds	GB 4706.67-2008 IEC 60335-2-55:2002+A1:2008 EN 60335-2-55:2003+A1:2008 AS/NZS 60335-2-55:2011	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Insect Killer	Household and similar electrical appliances - Safety - Part 2-59: Particular requirements for insect killers	GB 4706.76-2008 IEC 60335-2-59:2002+A1:2006+A2:2009 EN 60335-2-59:2003+A1:2006+A2:2009 AS/NZS 60335-2-59:2005(R2016)+A1:2005+A2:2006+A3:2010	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Commercial Electric Kitchen Machines	Household and similar electrical appliances - Safety - Part 2-64: Particular requirements for commercial electric kitchen machines	GB 4706.38-2008 IEC 60335-2-64:2002+A1:2007+A2:2017 EN 60335-2-64:2000 + A1:2002	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Air-Cleaning Appliances	Household and similar electrical appliances - Safety - Part 2-65: Particular requirements for air-cleaning appliances	GB 4706.45-2008 IEC 60335-2-65:2002+A1:2008+A2:2015 EN 60335-2-65:2003+A1:2008+A11:2012 AS/NZS 60335-2-65:2015	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.

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Performance and Approvals Testing (Electricity)	Wet and Dry Vacuum Cleaners, Including Power Brush, for Commercial Use	Household and similar electrical appliances - Safety - Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use	GB 4706.93-2008 IEC 60335-2-69:2012 IEC 60335-2-69:2016 EN 60335-2-69:2012 AS/NZS 60335.2.69:2017	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Commercial Dispensing Appliances	Household and similar electrical appliances - Safety - Part 2-75: Particular requirements for commercial dispensing appliances and vending machines	IEC 60335-2-75:2012+A1:2015 EN 60335-2-75:2004+A1:2005+A11:2006+A2:2008+A12:2010 AS/NZS 60335.2.75:2013+A1:2014+A2:2017	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Outdoor Barbecues	Household and similar electrical appliances - Safety - Part 2-78: Particular requirements for outdoor barbecues	IEC 60335-2-78:2002+A1:2008 EN 60335-2-78:2003+A1:2008 AS/NZS 60335-2-78:2005(R2016)+A1:2006+A2:2009 CAN/CSA C22.2 No.60335-2-78:14	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Fans	Household and similar electrical appliances – Safety – Part 2-80: Particular requirements for fans	GB 4706.27-2008 IEC 60335-2-80:2015 EN 60335-2-80:2003+A1:2004+A2:2009 AS/NZS 60335-2-80:2016	Except for hardness test of fan blades, Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.

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Performance and Approvals Testing (Electricity)	Amusement Machines and Personal Service Machines	Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines	GB 4706.69-2008 IEC 60335-2-82:2002+A1:2008+A2:2015 IEC 60335-2-82:2017 EN 60335-2-82:2003+A1:2008 AS/NZS 60335-2-82:2015 CAN/CSA-E60335-2-82:13	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Toilets	Household and similar electrical appliances - Safety - Part 2-84: Particular requirements for toilet appliances	GB 4706.53-2008 IEC 60335-2-84:2002+A1:2008+A2:2013 EN 60335-2-84:2003+ A1:2008 AS/NZS 60335.2.84:2014	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Fabric Steamers	Household and similar electrical appliances - Safety - Part 2-85: Particular requirements for fabric steamers	GB 4706.84-2007 IEC 60335-2-85:2005+A1:2008+A2:2017 EN 60335-2-85:2003+ A1:2008 AS/NZS 60335-2-85:2005(R2016)+A1:2009	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Commercial Refrigerating Appliances	Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant unit or compressor	GB 4706.102-2010 IEC 60335-2-89:2010+A1:2012+A2:2015 EN 60335-2-89:2010+A1:2016+A2:2017 AS/NZS 60335.2.89:2010+A1:2013+A2:2016	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.

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Performance and Approvals Testing (Electricity)	Drives for Vertically Moving Garage Doors for Residential Use	Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use	GB 4706.68-2008 IEC 60335-2-95:2011+A1:2015+A2:2017 EN 60335-2-95:2015+A1:2015 AS/NZS 60335-2-95:2012+A1:2015	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Humidifiers	Household and similar electrical appliances - Safety - Part 2-98: Particular requirements for humidifiers	GB 4706.48-2009 IEC 60335-2-98:2002+A1:2004+A2:2008 EN 60335-2-98:2003+A1:2005+A2:2008 AS/NZS 60335-2-98:2005+A2:2014	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Vaporizers	Household and similar electrical appliances - Safety - Part 2-101: Particular requirements for vaporizers	GB 4706.81-2014 IEC 60335-2-101:2002+A1:2008+A2:2014 EN 60335-2-101:2002+A1:2008 + A2:2014 AS/NZS 60335.2.101:2002+A1:2009+A2:2015	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Gas, Oil and Solid-Fuel Burning Appliances Having Electrical Connections	Household and similar electrical appliances - Safety - Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections	GB 4706.94-2008 IEC 60335-2-102:2004+A1:2008+A2:2012 IEC 60335-2-102:2017 EN 60335-2-102:2006 + A1:2010 EN 60335-2-102:2016 AS/NZS 60335-2-102:2013	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.

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Performance and Approvals Testing (Electricity)	Drives for Gates, Doors and Windows	Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows	GB 4706.98-2008 IEC 60335-2-103:2015+A1:2017 EN 60335-2-103:2015 AS/NZS 60335-2-103:2016	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
Performance and Approvals Testing (Electricity)	Multifunctional Shower Cabinats	Household and similar electrical appliances - Safety - Part 2-105: Particular requirements for multifunctional shower cabinats	GB 4706.100-2009 IEC 60335-2-105:2016 EN 60335-2-105:2005+A1:2008+A11:2010 AS/NZS 60335.2.105:2006+A1:2008+A2:2014 AS/NZS 60335.2.105:2017	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
	Portable Induction Hotplate	Household and similar electrical appliances - Safety - Particular requirements for portable induction cooker	GB 4706.29-2008	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
	Battery operated self-balancing personal transport devices	Household and similar electrical appliances - Safety -. Part 2.201: Particular requirements for battery powered self-balancing personal transport devices	AS/NZS 60335.2.201:2016	Except for Oxygen bomb test; tests for hose, capacitor test, automatic control, Annex F Capacitors, Coated printed circuit boards, Software evaluation.
	Ranges, Ovens, Steam Ovens and Grills - Methods for	Household electric cooking appliances - Part 1: Ranges, ovens, steam ovens and grills - Methods for measuring	EN 60350-1:2016 SANS 60350-1:2015	

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	Measuring Performance	performance		
	Hobs - Methods for Measuring Performance	Household electric cooking appliances - Part 2: Hobs - Methods for measuring performance	EN 60350-2:2013+A11:2014 EN 60350-2:2018	
	Household Induction Cookers	Minimum allowable values of the energy efficiency and energy efficiency grades for household induction cookers	GB 21456-2014	
Performance and Approvals Testing (Electricity)	Household Electrical Appliances - Measurement of Standby Power	Household electrical appliances - Measurement of standby power	IEC 62301:2011, EN 62301:2005, AS/NZS 62301:2014 SANS 62301	
	Electrical and Electronic Household and office Equipment - Measurement of Low Power Consumption	Electrical and electronic household and office equipment - Measurement of low power consumption	EN 50564:2011	
	Measurement Methods for Electromagnetic Fields of Household Appliances and Similar Apparatus With Regard To Human Exposure	Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure	IEC 62233:2005 EN 62233:2008	
	Household Electrical Hair Care	Household electrical hair care appliances - Methods of measuring the performance	GB/T 23106-2008 IEC 61855:2003	Except for Characteristics, measurement of air borne noise and instructions for use.
	Air Cleaner	Air cleaner	GB/T 18801-2015	Only accredited for Input power measurement and standby power test.
	Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 1: General requirements	IEC 62841-1:2014 EN 62841-1:2015 AS/NZS 62841.1:2015 CSA C22.2.62841-1:2015 UL 62841-1 Ed. 1 (2015)	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which

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				screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	hand-held drills and impact drills	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-1: Particular requirements for hand-held drills and impact drills	IEC 62841-2-1:2017 EN 62841-2-1:2018	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Screwdrivers and Impact Wrenches	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-2: Particular requirements for hand-held screwdrivers and impact wrenches	IEC 62841-2-2:2014 EN 62841-2-2:2014 AS/NZS 62841.2.2:2015 CSA-C22.2.62841-2-2:2016 UL 62841-2-2 Ed. 1 (2016)	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Sanders and Polishers other than Disc Type	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type	IEC 62841-2-4:2014 EN 62841-2-4:2014 AS/NZS 62841.2.4:2015 CSA C22.2.62841-2-4:2015	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with

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			UL 62841-2-4 Ed. 1 (2015)	appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Circular Saws	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-5: Particular requirements for hand-held circular saws	IEC 62841-2-5:2014 EN 62841-2-5:2014 AS/NZS 62841.2.5:2015	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	hand-held shears and nibblers	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-8: Particular requirements for hand-held shears and nibblers	IEC 62841-2-8:2016 EN 62841-2-8:2016 AS/NZS 62841.2.8: 2017	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Tappers and Threaders	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-9: Particular requirements for hand-held tappers and	IEC 62841-2-9:2015 EN 62841-2-9:2015 AS/NZS 62841.2.9:2015	Except for: Three phase tools; Residual current devices; Components (Switch, temperature

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		threaders		controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	hand-held mixers	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-10: Particular requirements for hand-held mixers	IEC 62841-2-10:2017 EN 62841-2-10:2017	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Reciprocating Saws	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-11: Particular requirements for hand-held reciprocating saws	IEC 62841-2-11:2015+A1 : 2018 EN 62841-2-11: 2017 AS/NZS 62841.2.11: 2017	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing	Planers	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-	IEC 62841-2-14:2015 EN 62841-2-14: 2015	Except for: Three phase tools; Residual current devices;

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(Electricity)		14: Particular requirements for hand-held planers	AS/NZS 62841.2.14: 2016	Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	hand-held routers	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-17: Particular requirements for hand-held routers	IEC 62841-2-17: 2017	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	hand-held drain cleaners	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-21: Particular requirements for hand-held drain cleaners	IEC 62841-2-21: 2017	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions

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Performance and Approvals Testing (Electricity)	Table Saws	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-1: Particular requirements for transportable table saws	IEC 62841-3-1:2014 EN 62841-3-1:2014+A11:2017 AS/NZS 62841.3.1:2015	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	transportable bench grinders	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-4: Particular requirements for transportable bench grinders	IEC 62841-3-4: 2016, EN 62841-3-4: 2016 + A11:2017 AS/NZS 62841.3.4: 2017	
	Diamond Drills With Liquid System	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-6: Particular requirements for transportable diamond drills with liquid system	IEC 62841-3-6:2014 EN 62841-3-6:2014+A11:2017 AS/NZS 62841.3.6:2015	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
	Mitre Saws	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-9: Particular requirements for transportable mitre saws	IEC 62841-3-9:2014 EN 62841-3-9:2015+A11:2017 AS/NZS 62841.3.9:2015 CSA C22.2.62841-3-9:2016 UL 62841-3-9 Ed. 1 (2016)	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than

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				5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Cut-off Machines	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-10: Particular requirements for transportable cut-off machines	IEC 62841-3-10:2015 EN 62841-3-10:2015 + AC:2016 AS/NZS 62841.3.10:2017	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	transportable threading machines	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-12: Particular requirements for transportable threading machines	IEC 62841-3-12: 2017	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	transportable drills	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-13: Particular requirements for transportable drills	IEC 62841-3-13: 2017 EN 62841-3-13:2017	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than

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				5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	transportable drain cleaners	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-14: Particular requirements for transportable drain cleaners	IEC 62841-3-14: 2017	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	chain saws	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-1: Particular requirements for chain saws	IEC 62841-4-1: 2017	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	hedge trimmers	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-2: Particular requirements for hedge trimmers	IEC 62841-4-2: 2017	Except for: Three phase tools; Residual current devices; Components (Switch,

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			temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
	Electric Gardening Appliances	Electric Gardening Appliances	CSA C22.2.147:2015, UL82 Ed.8 (2015)
	Hand-Held Electric Tools	Hand-held motor-operated electric tools - Safety - Part 1: General requirements	GB 3883.1-2005 GB 3883.1-2008 IEC 60745-1:1982 IEC 60745-1:2006 EN 60745-1:2009+A11:2010 CAN/CSA-C22.2 NO. 60745-1-07 UL 60745-1:2009+A11:2010 AS/NZS 60745.1: 2009 Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
	Hand-Held Portable Electric Tools	Approval and test specification - Hand-held portable electric tools	AS/NZS 3160:2009 AS/NZS 3160:2009+A1:2012
Performance and Approvals Testing (Electricity)	Drill and Impact Drill	Hand-held motor-operated electric tools - Safety - Part 2-1: Particular requirements for drills and impact drills	GB 3883.6-2012 IEC 60745-2-1:2003+A1:2008 IEC 60745-2-1:2003 EN 60745-2-1:2010 EN 60745-2-1:2003 CAN/CSA-C22.2 No. 60745-2-1- Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than

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			04 UL 60745-2-1:2004 AS/NZS 60745.2.1: 2009	5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Screwdrivers and Impact Wrenches	Hand-held motor-operated electric tools - Safety - Part 2-2: Particular requirements for screwdrivers and impact wrenches	GB 3883.2-2012 IEC 60745-2-2:2003+A1:2008 IEC 60745-2-2:2003 EN 60745-2-2:2010 EN 60745-2-2:2003 CAN/CSA-C22.2 No. 60745-2-2-04 UL 60745-2-2:2004 AS/NZS 60745.2.2: 2009	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Grinders, Polishers and Disk-Type Sanders	Hand-held motor-operated electric tools - Safety - Part 2-3: Particular requirements for grinders, polishers and disk-type sanders	GB 3883.3-2007 IEC 60745-2-3:2006+A1:2010+A2:2012 EN 60745-2-3:2011 EN 60745-2-3:2007 CAN/CSA-C22.2 No. 60745-2-3-07 UL 60745-2-3:2007 AS/NZS 60745.2.3: 2011+A1:2013	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Sander and Polishes	Hand-held motor-operated electric tools - Safety - Part 2-4: Particular requirements for sanders and polishers other than disk type	GB 3883.4-2012 IEC 60745-2-4:2003 EN 60745-2-4:2009+A11:2011	Except for: Three phase tools; Residual current devices; Components (Switch,

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			EN 60745-2-4:2003+A1:2009 CAN/CSA-C22.2 No. 60745-2-4-04 UL 60745-2-4:2004 AS/NZS 60745.2.4: 2009	temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Circular Saws	Hand-held motor-operated electric tools - Safety - Part 2-5: Particular requirements for circular saws	GB 3883.5-2007 IEC 60745-2-5:2010 IEC 60745-2-5:2003 EN 60745-2-5:2010 EN 60745-2-5:2007 CAN/CSA-C22.2 No. 60745-2-5-07 UL 60745-2-5:2012 AS/NZS 60745.2.5: 2011	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Hammer	Hand-held motor-operated electric tools - Safety - Part 2-6: Particular requirements for hammers	GB 3883.7-2012 IEC 60745-2-6 :2006 IEC 60745-2-6:2003+A1:2006+A2:2008 EN 60745-2-6:2010 EN 60745-2-6 :2003+A1:2006+A11:2007 CAN/CSA-C22.2 No. 60745-2-6-04 UL 60745-2-6:2004	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and

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			AS/NZS 60745.2.6: 2009	vibration emissions
Performance and Approvals Testing (Electricity)	Spray Guns for Non-Flammable Liquids	Safety of hand-held motor-operated electric tools. Part 2: Particular requirements for spray guns for non-flammable liquids	GB 3883.13-1992 IEC 60745-2-7:1989	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Shears and Nibblers	Hand-held motor-operated electric tools - Safety - Part 2-8: Particular requirements for shears and nibblers	GB 3883.8-2012 IEC 60745-2-8:2008 CAN/CSA-C22.2 No. 60745-2-8-2004(2013) UL 60745-2-8:2014 AS/NZS 60745.2.8: 2009	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Tappers	Hand-held motor-operated electric tools - Safety - Part 2-9: Particular requirements for tappers	GB 3883.9-2012 IEC 60745-2-9:2008 CAN/CSA-C22.2 NO. 60745-2-	Except for: Three phase tools; Residual current devices; Components (Switch,

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			9-04 +A1-2009 R2013 UL 60745-2-9-2014 AS/NZS 60745.2.9: 2009	temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Reciprocating Saws (Jig and Sabre Saws)	Hand-held motor-operated electric tools - Safety - Part 2-11: Particular requirements for reciprocating saws (jig and sabre saws)	GB 3883.11-2012 IEC 60745-2-11:2003+A1:2008 IEC 60745-2-11 :2003 EN 60745-2-11:2010 EN 60745-2-11 :2003 CAN/CSA-C22.2 No. 60745-2-11-04 UL 60745-2-11:2004 AS/NZS 60745.2.11: 2009	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Concrete Vibrators	Hand-held motor-operated electric tools - Safety - Part 2-12: Particular requirements for concrete vibrators	GB 3883.12-2012 CAN/CSA-C22.2 No. 60745-2-12-2008(2014) UL 60745-2-12:2008 AS/NZS 60745.2.12: 2009	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and

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			vibration emissions
Performance and Approvals Testing (Electricity)	Chain Saws	Hand-held motor-operated electric tools - Safety - Part 2-13: Particular requirements for chain saws	<p>GB 3883.14-2007 IEC 60745-2-13:2006+A1:2010 EN 60745-2-13:2009+A1:2010 CAN/CSA-C22.2 No. 60745-2-13-2011 UL 60745-2-13:2011 AS/NZS 60745.2.13: 2010+A1:2011</p> <p>Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions</p>
Performance and Approvals Testing (Electricity)	Planers	Hand-held motor-operated electric tools - Safety - Part 2-14: Particular requirements for planers	<p>GB 3883.10-2007 IEC 60745-2-14 :2006 IEC 60745-2-14:2003+A1:2006+A2:2010 EN 60745-2-14:2009+A2:2010 EN 60745-2-14 :2003 CAN/CSA-C22.2 No. 60745-2-14-04 UL 60745-2-14:2004 AS/NZS 60745.2.14: 2011</p> <p>Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions</p>
Performance and Approvals Testing (Electricity)	Hedge Trimmers	Hand-held motor-operated electric tools - Safety - Part 2-15: Particular requirements for hedge trimmers	<p>GB 3883.15-2007 IEC 60745-2-15:2006+A1:2009 IEC 60745-2-15:2006</p> <p>Except for: Three phase tools; Residual current devices; Components (Switch,</p>

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			EN 60745-2-15:2009+A1:2010 EN 60745-2-15:2006 CSA C22.2.60745-2-15:2010 UL 60745-2-15:2010 AS/NZS 60745.2.15: 2010	temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Tackers	Hand-held motor-operated electric tools - Safety - Part 2-16: Particular requirements for tackers	GB 3883.16-2008 IEC 60745-2-16:2008 EN 60745-2-16:2010 CAN/CSA-C22.2 No. 60745-2-16-2009 UL 60745-2-16:2010 AS/NZS 60745.2.16: 2009	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Routers and Trimmers	Hand-held motor-operated electric tools - Safety - Part 2-17: Particular requirements for routers and trimmers	GB 3883.17-2005 IEC 60745-2-17:2010 IEC 60745-2-17:2003 EN 60745-2-17:2010 EN 60745-2-17 :2003 CAN/CSA-C22.2 No. 60745-2-17-2011 UL 60745-2-17:2011 AS/NZS 60745.2.17: 2011	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and

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			vibration emissions
Performance and Approvals Testing (Electricity)	Strapping Tools	Hand-held motor-operated electric tools - Safety - Part 2-18: Particular requirements for strapping tools	GB 3883.20-2012 CAN/CSA-C22.2 No. 60745-2-18-05(2014) UL 60745-2-18:2009 AS/NZS 60745.2.18: 2009 Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Jointers	Hand-held motor-operated electric tools - Safety - Part 2-19: Particular requirements for jointers	IEC 60745-2-19:2005 AS/NZS 60745.2.19: 2011 Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Band Saws	Hand-held motor-operated electric tools - Safety - Part 2-20: Particular requirements for band saws	GB 3883.21-2012 IEC 60745-2-20:2008 CAN/CSA-C22.2 No. 60745-2- Except for: Three phase tools; Residual current devices; Components (Switch,

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			20-05(R2014) UL 60745-2-20:2014 AS/NZS 60745.2.20: 2009	temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Drain Cleaners	Hand-held motor-operated electric tools - Safety - Part 2-21: Particular requirements for drain cleaners	GB 3883.19-2012 IEC 60745-2-21:2008 EN 60745-2-21:2009+A1:2010 CAN/CSA-C22.2 No. 60745-2-21-2005(R2014) UL 60745-2-21:2014 AS/NZS 60745.2.21: 2009	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Cutting-off Machines	Hand-held motor-operated electric tools - Safety - Part 2-22: Particular requirements for cut-off machines	GB 3883.18-2009 IEC 60745-2-22:2011 EN 60745-2-22:2011 CAN/CSA-C22.2 No. 60745-2-22-2012 UL 60745-2-22:2012 AS/NZS 60745.2.22: 2011	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and

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				vibration emissions
Performance and Approvals Testing (Electricity)	Rotary Tools	Hand-held motor-operated electric tools - Safety - Part 2-23: Particular requirements for die grinders and small rotary tools	IEC 60745-2-23:2012 EN 60745-2-23:2013 AS/NZS 60745.2.23: 2013	Except for: Three phase tools; Residual current devices; Components (Switch, temperature controller, etc, which are tested with appliance); Screw torque which screw's diameter is larger than 5.6mm and Radiation, toxicity and similar hazards; Annex I Measurement of noise and vibration emissions
Performance and Approvals Testing (Electricity)	Portable Heating Tools and Similar Appliances	Household and similar electrical appliances - Safety - Part 2-45: Particular requirements for portable heating tools and similar appliances	GB 4706.41-2005 IEC 60335-2-45:2008 IEC 60335-2-45:2002 EN 60335-2-45:2002+A1:2008 AS/NZS 60335.2.45: 2012	Except for: Three phase tools, Oxygen bomb test, anti inverted siphon test, capacitance, automatic controller, capacitor, coated printed circuit board, software evaluation.
Performance and Approvals Testing (Electricity)	Pedestrian Controlled Mains-Operated Lawnmowers	Household and similar electrical appliances - Safety - Part 2-77: Particular requirements for pedestrian controlled mains-operated lawnmowers	IEC 60335-2-77:2002 EN 60335-2-77:2010 AS/NZS 60335.2.77: 2002+A1:2003	Except for: Three phase tools, Oxygen bomb test, anti inverted siphon test, capacitance, automatic controller, capacitor, coated printed circuit board, software evaluation.

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Performance and Approvals Testing (Electricity)	High Pressure Cleaners and Steam Cleaners	Household and similar electrical appliances - Safety - Part 2-79: Particular requirements for high pressure cleaners and steam cleaners	IEC 60335-2-79:2016 IEC 60335-2-79:2012 EN 60335-2-79:2012 AS/NZS 60335.2.79: 2017 GB 4706.89: 2008	Except for: Three phase tools, Oxygen bomb test, anti inverted siphon test, capacitance, automatic controller, capacitor, coated printed circuit board, software evaluation.
Performance and Approvals Testing (Electricity)	Walk-Behind and Hand-Held Lawn Trimmers and Lawn Edge Trimmers	Household and similar electrical appliances - Safety - Part 2-91: Particular requirements for walk-behind and hand-held lawn trimmers and lawn edge trimmers	IEC 60335-2-91:2008 IEC 60335-2-91:2002 EN 60335-2-91:2003 AS/NZS 60335.2.91: 2008+A1:2009	Except for: Three phase tools, Oxygen bomb test, anti inverted siphon test, capacitance, automatic controller, capacitor, coated printed circuit board, software evaluation.
Performance and Approvals Testing (Electricity)	Lawn Scarifiers and Aerators	Household and similar electrical appliances - Safety - Part 2-92: Particular requirements for pedestrian-controlled mains-operated lawn scarifiers and aerators	IEC 60335-2-92:2002 EN 60335-2-92:2005 EN 13684:2004+A3:2009 AS/NZS 60335.2.92: 2003	Except for: Three phase tools, Oxygen bomb test, anti inverted siphon test, capacitance, automatic controller, capacitor, coated printed circuit board, software evaluation.
Performance and Approvals Testing (Electricity)	Scissors Type Grass Shears	Household and similar electrical appliances - Safety - Part 2-94: Particular requirements for scissors type grass shears	IEC 60335-2-94:2008 IEC 60335-2-94:2002 AS/NZS 60335.2.94: 2008	Except for: Three phase tools, Oxygen bomb test, anti inverted siphon test, capacitance, automatic controller, capacitor, coated printed circuit board, software evaluation.
Performance and Approvals Testing (Electricity)	Garden Vacuums, and Garden Blower/Vacuums	Household and similar electrical appliances - Safety - Part 2-100: Particular requirements for hand-held mains-operated garden blowers, vacuums and blower vacuums	IEC 60335-2-100:2002 AS/NZS 60335.2.100: 2003	Except for: Three phase tools, Oxygen bomb test, anti inverted siphon test, capacitance, automatic controller, capacitor, coated printed circuit board,

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			software evaluation.
	Robotic Lawnmowers	Household and similar electrical appliances - Safety - Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers	IEC 60335-2-107:2017 AS/NZS 60335.2.107:2013 Except for: Three phase tools, Oxygen bomb test, anti inverted siphon test, capacitance, automatic controller, capacitor, coated printed circuit board, software evaluation.
	Transportable Power Tools Electric Tools	Safety of transportable motor-operated electric tools - Part 1: General requirements	IEC 61029-1:1990 Except for: Three phase tools, Oxygen bomb test.
	Miter Saw	Safety of transportable motor-operated electric tools - Part 2: Particular requirements for mitre saws	IEC 61029-2-9:1995 Except for: Three phase tools, Oxygen bomb test.
	Cutting-off Grinders	Safety of transportable motor-operated electric tools - Part 2-10: Particular requirements for cutting-off grinders	IEC 61029-2-10:1998 Except for: Three phase tools, Oxygen bomb test.
	Brushcutters and Grass- Trimmers	Agricultural and forestry machinery -- Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers -- Part 1: Machines fitted with an integral combustion engine	EN ISO 11806-1:2011
Performance and Approvals Testing (Electricity)	Chain-Saws for forest Service	Machinery for forestry -- Portable chain-saw safety requirements and testing -- Part 1: Chain-saws for forest service	EN ISO 11681-1:2011
	Chain-Saws for Tree Service	Machinery for forestry -- Portable chain-saw safety requirements and testing -- Part 2: Chain-saws for tree service	EN ISO 11681-2:2011

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	Rotary Cultivators, Motor Hoes	Agricultural and forestry machinery-Pedestrian controlled tractors with mounted rotary cultivators, motor hoes, motor hoes with drive wheel(s)-Safety	EN 709:1997+A4:2009
	Pole-Mounted Powered Pruners	Machinery for forestry -- Safety requirements and testing for pole-mounted powered pruners -- Part 1: Machines fitted with an integral combustion engine	EN ISO 11680-1:2011
	Powered Edgers	Powered edgers with rigid cutting means -- Definitions, safety requirements and test procedures	ISO 11789:1999
	Shredders/Chippers	Garden equipment - Integrally powered shredders/chippers - Safety	EN 13683:2003+ A2:2011
	Combustion-Engine-Powered Lawnmowers	Garden equipment -- Safety requirements for combustion-engine-powered lawnmowers -- Part 1: Terminology and common tests	EN ISO 5395-1:2013
	Pedestrian Controlled Combustion-Engine-Powered Lawnmowers	Garden equipment -- Safety requirements for combustion-engine-powered lawnmowers -- Part 2: Pedestrian-controlled lawnmowers	EN ISO 5395-2:2013
Performance and Approvals Testing (Electricity)	Electric Equipment	Approval and test specification - General requirements for electrical equipment	AS/NZS 3100:2009 AS/NZS 3100:2009+A1:2010+A2:2012+A 3:2014 AS/NZS 3100: 2017
	Air Compressors	Compressors and vacuum pumps - Safety requirements - Part 1: Air compressors	EN 1012-1:2010
	Welding Power Sources	Arc welding equipment - Part 1: Welding power sources	IEC 60974-1:2005, IEC 60974-1:2012, EN 60974-1:2005 EN 60974-1:2012, AS 60974-1:2006

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	Arc Welding Equipment – (Limited Duty Equipment)	Arc welding equipment - Part 6: Limited duty equipment	IEC 60974-6:2003, IEC 60974-6:2010, IEC 60974-6:2015 EN 60974-6:2011, EN 60974-6:2016, AS 60974-6:2006
	Electric Toys	Electric toys - Safety	IEC 62115:2003+A1:2004+A2:2010 IEC 62115: 2017 EN 62115:2005+A2:2011+A11:2012 +A12:2015 ASTM F963:2011 ASTM F963 only accredited for Temperature rise test, motor shutoff, switch burning hot wire test, battery connection hot wire test, switch durability test, battery and charger test.
	Electrically Power Assisted Cycles	Cycles - Electrically power assisted cycles - EPAC Bicycles	EN 15194:2009+A1:2011, EN 15194:2017, AS 15194: 2016
	Static Meters	Electricity metering equipment (a.c.) - General requirements, tests and test conditions - Part 11: Metering equipment	IEC 62052-11:2003 IEC 62053-21:2003 IEC 62053-22:2003 IEC 62053-23:2003 IEC 62053-24:2014 Except for Voltage drop and short-time interruption, grounding fault interference, sunlight radiation experiment, and EMC test.
Performance and Approvals Testing (Electricity)	Static Payment Meters for Active Energy (Classes 1 and 2)	Electricity metering - Payment systems - Part 31: Particular requirements - Static payment meters for active energy (classes 1 and 2)	IEC 62055-31:2005 IEC 62055-31 CORRIGENDUM 1:2007 Except for Voltage drop, short-time interruption, line voltage surge bearing, fault current closing capacity, short circuit current carrying capacity, electromagnetic interference.
Performance and Approvals Testing (Electricity)	Electricity Meter	Electricity metering equipment - Dependability - Part 32-1: Durability - Testing of the stability of metrological characteristics by applying elevated temperature	IEC 62059-32-1:2011 Only accredited for Stability test by applying the measurement of higher temperature.
Performance and Approvals Testing	Power Transformers, Power Supplies, eactors and Similar	Safety of transformers, reactors, power supply units and combinations thereof - Part 1: General requirements and	IEC 61558-1:2005+A1:2009 IEC 61558-1:2005 Only accredited for Single-phase.

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(Electricity)	Products	tests	IEC 61558-1:2017 EN 61558-1:2005+A1:2009
Performance and Approvals Testing (Electricity)	Safety Isolating Transformers and Power Supply Units	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers	IEC 61558-2-6:2009 EN 61558-2-6:2009 Only accredited for Single-phase. Except for Oxygen bomb test and scratch test.
Performance and Approvals Testing (Electricity)	Transformers and Power Supplies for Toys	Safety of power transformers, power supplies, reactors and similar products - Part 2-7: Particular requirements and tests for transformers and power supplies for toys	IEC 61558-2-7:2007 EN 61558-2-7:2007 Only accredited for Single-phase. Except for Oxygen bomb test and scratch test.
Performance and Approvals Testing (Electricity)	Switch Mode Power Supply Units and Transformers for Switch Mode Power Supply Units	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units	IEC 61558-2-16:2009+ A1:2013 IEC 61558-2-16:2009 EN 61558-2-16:2009 + A1:2013 Only accredited for Single-phase.
Performance and Approvals Testing (Electricity)	Audio/Video, Information and Communication Technology Equipment	Audio/video, information and communication technology equipment - Part 1: Safety requirements	IEC 62368-1:2014 EN 62368-1:2014 + A11:2017 CAN/CSA C22.2 NO. 62368-1-14 UL 62368-1 Ed. 2 Except for Running overload test for motor, Abrasion resistance test, Flammability test for fire enclosure materials of equipment with a steady-state power exceeding 4000W, Mechanical strength of CRTs and protection against the effects of implosion, High pressure lamps, optical radiation, UV radiation.

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Information technology equipment, Audio, video and similar electronic apparatus, external power supplies	Audio/Video, Information and Communication Technology Equipment	Safety requirements for radio transmitting equipment – General requirements and terminology	IEC 60215:2016	Except for Running overload test for motor, Abrasion resistance test, Flammability test for fire enclosure materials of equipment with a steady-state power exceeding 4000W, Mechanical strength of CRTs and protection against the effects of implosion, High pressure lamps, optical radiation, UV radiation.
Information technology equipment, Audio, video and similar electronic apparatus, external power supplies	Audio/Video, Information and Communication Technology Equipment	Audio/video, information and communication technology equipment - Part 3: Safety aspects for DC power transfer through communication cables and ports	IEC 62368-3:2017	Except for Running overload test for motor, Abrasion resistance test, Flammability test for fire enclosure materials of equipment with a steady-state power exceeding 4000W, Mechanical strength of CRTs and protection against the effects of implosion, High pressure lamps, optical radiation, UV radiation.
Performance and Approvals Testing (Electricity)	Audio, Video and Similar Electronic Apparatus	Audio, video and similar electronic apparatus - Safety requirements	IEC 60065:2001+A1:2005+A2:2010 IEC 60065:2014 EN 60065:2014 EN 60065:2014 + A11:2017 AS/NZS 60065:2012+A1: 2015 AS/NZS 60065:2018	Except for Heat resistance of insulating material, Requirements for insulated winding wires for use without additional interleaved insulation, Endurance test for wound components with insulated

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			<p>CAN/CSA C22.2 No. 60065-03(R2007) + A1(2006) CAN/CSA-C22.2 No. 60065:16 UL 60065:2012 UL 60065, 8th Edition</p>	<p>winding wires without additional interleaved insulation, Non-separable thin sheet material, Bump test, Coated printed circuit boards Alternative method for determining minimum clearances, Resistor, Capacitor, Switch, Optocouplers, Insulated winding wires for use without interleaved insulation.</p>
<p>Performance and Approvals Testing (Electricity)</p>	<p>Information Technology Equipment</p>	<p>Information technology equipment - Safety - Part 1: General requirements</p>	<p>IEC 60950-1:2005+A1:2009 + A2:2013 EN 60950-1:2006+A11:2009+A1:2010+A12:2011+ A2:2013 AS/NZS 60950.1:2015 CAN/CSA-C22.2 No.60950-1-07,2nd Edition,Incl. Amd.1(2011) CAN/CSA C22.2 No. 60950-1-07+ A1:2011 + A2:2014 UL 60950-1:2011 UL 60950-1-07(Second Edition) + A1:2011 + A2:2014</p>	<p>Except for Capacitor, Resistor, transient voltages, Discharge of semiconductor, Test on coated printed boards and coated components, AC power supply cord, Cathode ray tubes, High pressure lamps, Flammable liquids, Radiation, Hot flaming oil test, Alternative method for determining minimum clearance, Thermal controls, Insulated winding wires for use without interleaved insulation, Mandrel test,Evaluation of integrated circuit (IC) current limiters, Sound pressure test.</p>

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External Power Supply	External a.c. - d.c. and a.c. - a.c. power supplies – Determination of no-load power and average efficiency of active modes	EN 50563:2011+A1:2013	
External Power Supplies	Performance of external power supplies. Part 1: Test method and energy performance mark Performance of external power supplies Minimum energy performance standard (MEPS) requirements	AS/NZS 4665.1:2005+A1:2009 AS/NZS 4665.2:2005+A1:2009	Only accredited for Energy consumption test.
Primary Battery	Primary batteries - Part 1: General Primary batteries - Part 2: Physical and electrical specifications	IEC 60086-1:2015 IEC 60086-2:2015	IEC 60086-1 only accredited for Shape size, open circuit voltage and discharge performance.
Primary Lithium Batteries	Primary batteries - Part 4: Safety of lithium batteries	IEC 60086-4:2014	
Primary Batteries With Aqueous Electrolyte	Primary batteries - Part 5: Safety of batteries with aqueous electrolyte	IEC 60086-5:2016	
Portable Sealed Secondary Cells and Batteries Containing Alkaline or other Non-Acid	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 1: Nickel systems IEC 62133-2:2017	IEC 62133:2012 IEC 62133-1:2017 IEC 62133-2:2017	Except for Forced internal short circuit.
Secondary Lithium Cells and Batteries for Portable Applications	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium cells and batteries for portable applications - Part 3: Prismatic and cylindrical lithium secondary cells and batteries made from them	IEC 61960:2011	
Primary and Secondary Lithium Cells and Batteries	Safety of primary and secondary lithium cells and batteries during transport	IEC 62281:2012	

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	Nickel-Cadmium	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary sealed cells and batteries for portable applications - Part 1: Nickel-Cadmium	IEC 61951-1:2013	
	Nickel-Metal Hydride	Secondary cells and batteries containing alkaline or other non acid electrolytes - Secondary sealed cells and batteries for portable applications - Part 2: Nickel-metal hydrid	IEC 61951-2:2011	
Performance and Approvals Testing (Electricity)	Flat non-rewirable two-pole plugs, 2,5 A 250 V	Flat non-rewirable two-pole plugs, 2,5 A 250 V, with cord, for the connection of class II-equipment for household and similar purposes	EN 50075:1990	
Performance and Approvals Testing (Electricity)	Electrical and Electronic Equipment	<p>Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)</p> <p>Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection</p> <p>Electrostatic discharge immunity test</p> <p>Electomagnetic compatibility(EMC) - Part 4-11: Teting and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests</p> <p>Electomagnetic compatibility(EMC) - Part 4-3: Teting and measurement techniques - Radiated, radio-frequency electromagnetic field immunity test</p> <p>Electomagnetic compatibility(EMC) - Part 4-4: Teting and measurement techniques - Electrical fast</p>	<p>GB 17625.1-2012</p> <p>IEC 61000-3-2:2014</p> <p>IEC 61000-3-2:2018</p> <p>EN 61000-3-2:2014</p> <p>GB 17625.2-2007</p> <p>IEC 61000-3-3:2013</p> <p>IEC 61000-3-3:2013+ A1:2017</p> <p>EN 61000-3-3:2013</p> <p>GB/T 17626.2:2006</p> <p>IEC 61000-4-2:2008</p> <p>EN 61000-4-2:2009</p> <p>GB/T 17626.3:2006</p> <p>IEC 61000-4-3:2006+A1:2007+A2:2010</p> <p>EN 61000-4-3:2006+A1:2008+A2:2010</p> <p>GB/T 17626.4:2008</p>	Except for Three phase products.

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		transient/burst immunity test Electromagnetic compatibility(EMC) - Part 4-5: Teting and measurement techniques - Surge immunity test Electromagnetic compatibility(EMC) - Part 4-6: Teting and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency Electromagnetic compatibility(EMC) - Part 4-8: Teting and measurement techniques - Power fequency magnetic field immunity test	IEC 61000-4-4:2012 EN 61000-4-4:2012 GB/T 17626.5:2008 IEC 61000-4-5:2014 IEC 61000-4-5:2014+A1:2017 EN 61000-4-5:2014 EN 61000-4-5:2014+A1:2017 GB/T 17626.6:2008 IEC 61000-4-6:2013 EN 61000-4-6:2014 GB/T 17626.8:2006 IEC 61000-4-8:2009 EN 61000-4-8:2010 GB/T 17626.11:2008 IEC 61000-4-11:2004 IEC 61000-4-11:2004+A1:2017 EN 61000-4-11:2004 EN 61000-4-11:2004+A1:2017	
Performance and Approvals Testing (Electricity)	Information Technology Equipment	Information technology equipment – Immunity characteristics - Limits and methods of measurement	GB 9254:2008 47 CFR Part 15,Subpart B ICES 003:ISSUE 6 ANSI C63.4:2014 GB/T 17618:2015 CISPR 24:2010+A1:2015 EN 55024:2010+A1:2015	Except for Three phase products.
Performance and Approvals Testing (Electricity)	Sound and Television Broadcast Receivers and Associated Equipment	Sound and television broadcast receivers and associated equipment - Radio disturtnce characteristics - Limits and methods of measurement	GB 13837:2012 CISPR 13:2009+A1:2015 EN 55013:2013+A1:2016 AS/NZS CISPR 13:2012	Except for antenna side harassment voltage, Output parameters.

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			J55013(H14)
Performance and Approvals Testing (Electricity)	Multimedia Equipment	Electromagnetic compatibility of multimedia equipment - Emission requirements Electromagnetic compatibility of multimedia equipment - Immunity requirements	CISPR 32:2012 CISPR 32:2015 EN 55032:2015 AS/NZS CISPR 32:2013 VCCI 32 CISPR 35:2016 EN 55035:2017
Performance and Approvals Testing (Electricity)	Household Appliances, Electric Tools and Similar Apparatus (Single-Phase Product)	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus Part 2: Immunity	GB 4343.1:2009 CISPR 14-1:2016 EN 55014-1:2017 AS/NZS CISPR 14.1:2013 J55014(H27) GB 4343.2:2009 CISPR 14-2:2015 EN 55014-2:2015 Except for Three phase products.
Performance and Approvals Testing (Electricity)	Electrical Lighting and Similar Equipment (Single-Phase Product)		GB 17743:2007 CISPR 15:2013+A1:2015 CISPR 15:2018 EN 55015:2013+A1:2015 AS/NZS CISPR 15:2011 ICES-005:ISSUE 4 J55015(H20) GB/T18595:2014 IEC 61547:2009 EN 61547:2009 IEC 62493:2015 EN 62493:2015 Except for Insertion loss, three phase products.

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Performance and Approvals Testing (Electricity)	Industrial, Scientific and Medical (ISM) Radio-Frequency Equipment (Single-Phase Product)	Industrial, scientific and medical (ISM) radio-frequency equipment - Radio disturbance characteristics - Limits and methods of measurement	GB 4824:2013 CISPR 11:2015+A1:2016 EN 55011:2016 EN 55011:2016+A1:2017 AS/NZS CISPR 11:2011 ICES-001:Issue 4	Except for Three phase products.
Performance and Approvals Testing (Electricity)	Residential, Commercial and Light – Industrial Environments Equipment (Single-Phase Product)	Electromagnetic compatibility (EMC)-Part 6-1:General standard-immunity for residential, commercial and light-industrial environment Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments	GB/T 17799.1:1999 IEC 61000-6-1:2016 EN 61000-6-1:2007 GB 17799.3:2012 IEC 61000-6-3:2006+A1:2010 EN 61000-6-3:2007+A1:2011 AS/NZS 61000.6.3:2012	Except for Three phase products.
Performance and Approvals Testing (Electricity)	Industrial Environments Equipment (Single-Phase Product)	Electromagnetic compatibility (EMC) -- Part 6-2: Generic standards - Immunity for industrial environments Electromagnetic compatibility (EMC)-Part 6-4:Generic standards;Emission standard for industrial environment	GB/T 17799.2:2003 IEC 61000-6-2:2005 EN 61000-6-2:2005 GB 17799.4:2012:2006+A1:2010 IEC 61000-6-4 IEC 61000-6-4:2018 EN 61000-6-4:2007+A1:2011 AS/NZS 61000.6.4:2012	Except for Three phase products.
Performance and Approvals Testing (Electricity)	Alarm Systems Equipment (Single-Phase Product)	Alarm systems-Part 4:Electromagnetic compatibility-Product family standard:Immunity requirements for components of fire, intruder and social alarm systems	EN 50130-4:2011+A1:2014	Except for Three phase products.
Performance and Approvals Testing (Electricity)	Low Voltage Power Supply Devices, D.C.Output (Single-Phase Product)	Low-voltage switch mode power supplies - Part 3: Electromagnetic compatibility (EMC)	IEC 61204-3:2000 EN 61204-3:2000	

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Performance and Approvals Testing (Electricity)	Telecommunication Network Equipment	Telecommunication network equipment; ElectroMagnetic Compatibility (EMC) requirements	EN 300 386 V2.1.1 (2016-07)
Performance and Approvals Testing (Electricity)	Agricultural and forestry Meachinery	Agricultural and forestry machines- Electromagnetic compatibility- Test methods and acceptance criteria	EN ISO 14982:2009
Performance and Approvals Testing (Electricity)	Electrical Equipment for Measurement, Control and Laboratory Use (Single-Phase Product)	Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 1: General requirements Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-2: Particular requirements - Test configurations, operational conditions and performance criteria for portable test, measuring and monitoring equipment used in low-voltage distribution systems	GB/T 18268.1:2010 IEC 61326-1:2012 EN 61326-1:2013 IEC 61326-2-2:2012 EN 61326-2-2:2013 GB/T 18268.26:2010 IEC 61326-2-6:2012 EN 61326-2-6:2013 Except for Three phase products.
	Medical Electrical Equipment	Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests	YY0505:2012 IEC 60601-1-2:2011 EN 60601-1-2:2015 Except for Insert loss, Radiated,radio frequency electromagnet filed Immunity $\leq 3V/m$, EUT $V \leq 1.2m(\text{diameter}) \times 1.5m(\text{high})$, three phase.
	Wheelchairs	Wheelchairs -- Part 21: Requirements and test methods for electromagnetic compatibility of electrically powered wheelchairs and scooters, and battery chargers	ISO 7176-21:2009
	Low Power Electronic and Electrical Equipment	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)	IEC 62311:2007, EN 62311:2008, EN 62479:2010 RSS-102 ISSUE 5, 47 CFR Part 2 Subpart 1091 47 CFR Part 2 Subpart 1093

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	Wireless Product	<p>Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz Part 7: Specific conditions for mobile and portable radio and ancillary equipment of digital cellular radio tele" solution Part 8: Specific conditions for GSM base stations Part 9: Specific conditions for wireless microphones, similar Radio Frequency (RF) audio link equipment, cordless audio and in-ear monitoring devices Part 17: Specific conditions for Broadband Data Transmission Systems Part 23: Specific conditions for IMT-2000 CDMA, Direct Spread (UTRA and E-UTRA) Base Station (BS) radio, repeater and ancillary equipment Part 24: Specific conditions for IMT-2000 CDMA Direct Spread (UTRA and E-UTRA) for Mobile and portable (UE) radio and ancillary equipment Part 24: Specific conditions for CDMA 1x spread spectrum Mobile Stations and ancillary equipment</p>	<p>GB/T 15540-2006 ETSI EN 301 489-1 V 2.1.1(2017-02) ETSI EN 301 489-3 V 1.6.1(2013-08) ETSI EN 301 489-7 V 1.3.1(2005-11) ETSI EN 301 489-8 V 1.2.1(2002-08) ETSI EN 301 489-9 V 1.4.1(2007-11) ETSI EN 301 489-17 V 3.1.1(2017-02) ETSI EN 301 489-23 V 1.5.1(2010-10) ETSI EN 301 489-24 V 1.5.1(2011-11) ETSI EN 301 489-25 V 2.3.2(2005-07)</p>	<p>Except for conducted emission (vehicular DC) , transients and Surges (vehicular DC).</p>
Performance and Approvals Testing (Electricity)	Short Range Devices	<p>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Part 1: Technical characteristics and test methods.</p>	<p>ETSI EN 300 330 V2.1.1(2017-02) ETSI EN 300 220-1 V3.1.1(2017-02)</p>	<p>Accredited only for Category 3 Receiver. ETSI EN 300 220-1 Except for Category 1 receiver & LBT.</p>

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	<p>Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive. Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500mW; Part 1: Technical characteristics and test methods. "Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 1: Technical characteristics and methods of measurement Part 2: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU for non specific radio equipment Part 3-1: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Low duty cycle high reliability equipment, social alarms equipment operating on designated frequencies (869,200 MHz to 869,250 MHz) Part 3-2: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Wireless alarms operating in designated LDC/HR frequency bands 868,60 MHz to 868,70 MHz, 869,25 MHz to 869,40 MHz, 869,65 MHz to 869,70 MHz Part 4: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Metering devices operating in designated band 169,400 MHz to 169,475 MHz"</p>	<p>ETSI EN 300 220-2 V3.1.1(2017-02) ETSI EN 300 220-3-1 V2.1.1(2016-12) ETSI EN 300 220-3-2 V1.1.1(2017-02) ETSI EN 300 220-4 V1.1.1(2017-02) ETSI EN 300 440 V2.1.1(2017-03) AS/NZS 4268:2012+A1:2013</p>
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		Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 1: Technical characteristics and test methods. Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU Radio equipment and systems Short range devices Limits and methods of measurement.	
Performance and Approvals Testing (Electricity)	Wideband Transmission Systems	- Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive. - Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices - Broadband Radio Access Networks (BRAN); 5GHz High Performance RLAN; Harmonized EN covering the essential Requirements of article 3.2 of the R&TTE Directive	ETSI EN 300 328 V1.8.1 (2012-06) ETSI EN 300 328 V2.1.1 (2016-11) RSS-210 ISSUE8, RSS-247: ISSUE2 MIC Item 19, 47 CFR Part 15 Subpart C ETSI EN 301 893 V2.1.1 (2017-05) 47 CFR Part 15 Subpart E RSS 220 ISSUE1
Performance and Approvals Testing (Electricity)	GSM Repeaters A5123	Global System For Mobile Communications (Gsm); Part 4: Harmonized En For Gsm Repeaters Covering The Essential Requirements Of Article 3.2 Of The R&TTE Directive	ETSI EN 300 609-4 V10.2.1(2012-11)
Performance and Approvals Testing (Electricity)	IMT Cellular Networks	- IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 1: Introduction and common requirements. - Global System for Mobile communications	ETSI EN 301 908-1 V7.1.1(2015-03) YD/T 1215:2006 ETSI EN 301 511 V12.1.1 (2015-06) Accredited only for Radiated emission(UE), Control and monitoring functions(UE).

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		(GSM);Harmonized EN for mobile stations in the GSM 900 and GSM 1800 bands covering essential requirements under article 3.2 of the R&TTE directive - Digital cellular telecommunications system; Mobile Station(MS) conformance specification; Part 1: Conformance Specification	ETSI TS 151 010-1 V13.1.0(2016-08) 47 CFR Part 22, Subpart H 47 CFR Part 24, Subpart E
Performance and Approvals Testing (Electricity)	PV Module	Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 2: Test procedures Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation - Part 1: Crystalline silicon	IEC 61730-2:2016 IEC 61215-2:2016 IEC TS 62804-1:2015 Only accredited for Appearance inspection, maximum power determination, insulation test, performance under standard test conditions, wet leakage current test, PID Test.

Note: the text in blue indicates the new scope OR update in the Edition of a test method in this issue of the scope of accreditation.

END

This conformity assessment body (CAB) is recorded as issuing GAC accredited reports to organizations in the countries listed below. This list is current at the time of issue of this schedule.

United Arab Emirates	Bahrain	Saudi Arabia	Oman	Qatar	Kuwait	Yemen
X	X	X	X	X	X	X