

LIST OF REGULATED ELECTRICAL EQUIPMENT

Item	Category Equipment	Types of Equipment	Standards	
			Domestic	Relevant International
1	PLUG TOP/PLUG (15A and below)	Flat Non-Rewirable Two Pole Plug with supply cord (max. 2.5A)	MS 1578:2003	BS EN 50075:1991
		13 A Fused Plug	MS 589-1:2011	BS 1363:PT.1: 1995
		15 A Plug	MS 1577:2003	No corresponding international standard
		Appliance Coupler	MS IEC 60320-1:2010	IEC 60320-1:2007
		Interconnection Coupler	MS IEC 60320-1:2010 MS IEC 60320-2-2:2011	IEC 60320-1:2007 IEC 60320-2-2: 1998
		Adaptor (Multiways)	MS 589 PT.3:1998	BS 1363 PT.3:1995
		Integrated Adaptor	MS 1144:1998	BS 5733:2010
		Electrical Connector (connecting device)	MS IEC 60998-1:2005	IEC 60998-1:2002
		Connecting device with screw type clamping unit	MS IEC 60998-1:2005 MS IEC 60998-2-1:2005	IEC 60998-1:2002 IEC 60998-2-1:2002
		Connecting device with screw-less type clamping unit	MS IEC 60998-1:2005 MS IEC 60998-2-2:2005	IEC 60998-1:2002 IEC 60998-2-2:2005
		Connecting device with insulation-piercing clamping units	MS IEC 60998-1:2005 MS IEC 60998-2-3:2005	IEC 60998-1:2002 IEC 60998-2-3:2002
		Twist-on connecting device	MS IEC 60998-1:2005 MS IEC 60998-2-4:2005	IEC 60998-1:2002 IEC 60998-2-4:2004
		Connecting boxes	MS IEC 60998-1:2005 MS IEC 60998-2-5:2005	IEC 60998-1:2002 IEC 60998-2-5:2003
2	SWITCH AND DIMMER	General Purpose Switch, Door Bell	MS IEC 60669-1:2004	IEC 60669-1:2007
		Electronic Switch	MS IEC 60669-1:2004 MS IEC 60669-2-1:2004	IEC 60669-1:2007 IEC 60669-2-1:2009
		Remote-control Switch	MS IEC 60669-1:2004 MS IEC 60669-2-2:2004	IEC 60669-1:2007 IEC 60669-2-2:2006
		Time Delay Switch	MS IEC 60669-1:2004 MS IEC 60669-2-3:2004	IEC 60669-1:2007 IEC 60669-2-3:2006
		Cooker Control Unit	No corresponding MS	BS 4177:1992
3	SOCKET OUTLET (15A and below)	Electric Shaver Socket Outlet	MS IEC 61558-1:2005 MS IEC 61558-2-5:2006	IEC 61558-1:2009 IEC 61558-2-5:2010

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			Domestic	Relevant International
		13A Switch & unswitch socket outlet	MS 589:PT.2:2011	BS 1363:PT 2:1995
		15A socket outlet & Plug	MS 1577:2003	No corresponding international standard
		Portable 2 pin socket outlet class II	MS 1579: 2003	No corresponding international standard
		*Portable cable reel	MS 1141: 2006	IEC 61242: 2008 with modification
4	FLUORESCENT LAMPHOLDER / STARTER HOLDER	Lamp holder for tubular fluorescent lamp	MS IEC 60400: 2006	IEC 60400: 2004
		Starter holder for tubular fluorescent lamp	MS IEC 60400: 2006	IEC 60400: 2004
5	CEILING ROSE	Ceiling Rose	MS 770:1982	BS 67:1987
		*Edison Screw Lamp holder	MS IEC 60238:2008	IEC 60238:2004
6	BAYONET CAP and MULTIWAYS ADAPTOR	Bayonet cap Lampholder, Bayonet Lamp Adaptor.	MS 769:2006	IEC 61184:2008
7	LAMP FITTING	Fixed general purpose Luminaries (excluding Tube/Bulb), *Batten Luminaries (excluding Tube/Bulb), *Luminaries with self-ballasted florescent lamp.	MS IEC 60598-1:2006 MS IEC 60598-2-1:1997	IEC 60598-1:2003 IEC 60598-2-1:1987
		Recessed Luminaries (excluding Tube/Bulb)	MS IEC 60598-1:2006 MS IEC 60598-2-2:1998	IEC 60598-1:2003 IEC 60598-2-2:2011
		Glow-starter for tubular fluorescent	MS IEC 60155: 1996	IEC 60155:2006
		*Self-ballasted Compact Florescent Lamp (CFL) with Edison screw or bayonet caps	MS IEC 60968:2006 MS IEC 60969:2006	IEC 60968:1999 IEC 60969:2001
		*LED General and safety for lamp controlgear for use on dc supplies up to 250V and or ac supplies up to 1000V	MS IEC 61347-1:2003	IEC 61347-1:2007
		*Lamp controlgear:	MS IEC 61347-1:2003	IEC 61347-1:2007

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Item	Category Equipment	Types of Equipment	Standards	
			Domestic	Relevant International
		Particular requirements for d.c or a.c supplied electronic controlgear for LED modules	MS IEC 61347-2-13:2011 (P)	IEC 61347-2-13:2006
		*LED Lampholder (Connectors for LED-modules)	MS IEC 60838-1:2008 MS IEC 60838-2-2:2008	IEC 60838-1:2008 IEC 60838-2-2:2006
		*LED Modules for general lighting (eg. Double capped self-ballasted LED lamp)	MS IEC 62031:2011 with MS IEC 60061-2: 2005	IEC 62031:2008 with IEC 60061-2: 2005
		*Self-ballasted single capped LED-lamps for general lighting services by voltage > 50V	MS IEC 62560:2012 (P)	IEC 62560:2011
8	CAPACITOR for FLUORESCENT LAMP	Capacitors for use in tubular fluorescent lamp and other circuits.	MS IEC 61048: 2006 MS IEC 61049: 1999	IEC 61048: 2006 IEC 61049: 1991
9	BALLAST / CONTROL GEAR / DRIVER FOR LAMP	Magnetic Ballast for tubular fluorescent lamp	MS IEC 61347-1: 2003 MS IEC 61347-2-8:2003 MS 141 PT.2: 1993	IEC 61347-1: 2007 IEC 61347-2-8: 2000 IEC 60921:2004 with modification
		Electronic Ballast for fluorescent lamp	MS IEC 61347-1:2003 MS IEC 61347-2-3:2003 MS IEC 60929: 2008 with MS IEC 61000-3-2: 2003	IEC 61347-1:2007 IEC 61347-2-3:2000 IEC 60929:2011 with IEC 61000-3-2: 2009
10	CIRCUIT BREAKER including AC CURRENT OPERATED EARTH LEAKAGE CIRCUIT BREAKER and MINIATURE CIRCUIT BREAKER	Residual Current Circuit Breaker (RCCB)	MS IEC 61008-1: 2007 MS IEC 61008-2-1: 2003 MS IEC 61008-2-2: 2003	IEC 61008-1: 2002 IEC 61008-2-1: 1990 IEC 61008-2-2: 1990
		Residual Current Breaker with Overcurrent Protection (RCBO)	MS IEC 61009-1: 2005 MS IEC 61009-2-1: 2003 MS IEC 61009-2-2: 2003	IEC 61009-1: 2003 IEC 61009-2-1: 1991 IEC 61009-2-2: 1991
		Miniature Circuit Breaker (MCB) for ac	MS IEC 60898-1: 2007	IEC 60898-1: 2003
		Miniature Circuit Breaker (MCB) for ac & dc	MS IEC 60898-2: 2007	IEC 60898-2: 2003
		Fuse Base & Carrier up	MS IEC 60269-1:2011	IEC 60269-1:2006

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Item	Category Equipment	Types of Equipment	Standards	
			Domestic	Relevant International
		to 32A	MS IEC 60296-2:2011	IEC 60269-2:2006
		Fuse/Fuse Link up to 63A	MS IEC 60269-2:2011 MS IEC 60269-3:2011	IEC 60269-2:2006 IEC 60269-3:2010
		Switch fuse up to 63A.	MS IEC 60947-1:2010 MS IEC 60947-3:2010	IEC 60947-1:2007 IEC 60947-3:2008
11	PORTABLE LUMINAIRE LAMP	Standing Lamp with detachable or non-detachable mains supply flexible cord, Standing Lamp & adaptor, Table lamp with detachable or non-detachable mains supply flexible cord, Table Lamp & adaptor, *Night Lamp integral with direct in plug. *Portable LED Lamp	MS IEC 60598-1: 2006 MS IEC 60598-2-4: 2003	IEC 60598-1:2003 IEC 60598-2-4: 1997
		Hand Lamp & adaptor,	MS IEC 60598-1: 2006 MS IEC 60598-2-8:2006	IEC 60598-1:2003 IEC 60598-2-8:2007
12	KETTLE including HEATING ELEMENTS IF SUPPLIED SEPARATELY	Warming Plate	MS IEC 60335-1:2005 MS IEC 60335-2-12:2003	IEC 60335-1:2004 IEC 60335-2-12:2002
		Deep Fryer	MS IEC 60335-1:2005 MS IEC 60335-2-13:2006	IEC 60335-1:2004 IEC 60335-2-13:2004
		Heating Liquids such as: Coffee / Tea Maker, Food Steamer, Egg Boiler, Jug, Slow Cooker, Steam Boat, Kettle,	MS IEC 60335-1:2005 MS IEC 60335-2-15:2004	IEC 60335-1:2004 IEC 60335-2-15:2002

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			Domestic	Relevant International
		Airpot, * Bottle Warmer, * Sterillizer.		
		Multi-purpose cooker	MS IEC 60335-1:2005 MS IEC 60335-2-9:2006 MS IEC 60335-2-13:2006 MS IEC 60335-2-15:2004	IEC 60335-1:2004 IEC 60335-2-9:2006 IEC 60335-2-13:2004 IEC 60335-2-15:2002
		*Water Dispenser/Filter	MS IEC 60335-1:2005	IEC 60335-1:2004
		Water Dispenser - Hot	MS IEC 60335-1:2005 MS IEC 60335-2-15:2004	IEC 60335-1:2004 IEC 60335-2-15:2002
		Water Dispenser - Cold	MS IEC 60335-1:2005 MS IEC 60335-2-24:2004 or MS 1597-2-75:2005	IEC 60335-1:2004 IEC 60335-2-24:2010 or IEC 60335-2-75:2005
		Water Dispenser – Hot and Cold	MS IEC 60335-1:2005 MS IEC 60335-2-15:2004 with MS IEC 60335-2-24:2005 or MS 1597-2-75:2005	IEC 60335-1:-2004 IEC 60335-2-15:2002 with IEC 60335-2-24:2010 or IEC 60335-2-75:2005
		Built in Hob	MS IEC 60335-1:2005 No corresponding MS	IEC 60335-1:-2004 IEC 60335-2-36:2002
13	KITCHEN MACHINE	Blender, Chopper, Food Processor, Juice Extractor, Grinder , Mixer.	MS IEC 60335-1:2005 MS IEC 60335-2-14:2003	IEC 60335-1:-2004 IEC 60335-2-14:2002
14	TOASTER / OVEN (Cooking Appliance)	Stationary Electric Oven, Induction Hob.	MS IEC 60335-1:2005 MS IEC 60335-2-6:2007 or MS IEC 60335-1:2005 MS 1597:Part 2-6:2003	IEC 60335-1:-2004 IEC 60335-2-6:2005
		Bread Maker, Bread Toaster, Portable Oven, Induction Cooker, Grill, Sandwich Maker/	MS IEC 60335-1:2005 MS IEC 60335-2-9:2006	IEC 60335-1:-2004 IEC 60335-2-9:2006

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Item	Category Equipment	Types of Equipment	Standards	
			Domestic	Relevant International
		Waffle Maker, Roaster.		
		Microwave Oven	MS IEC 60335-1:2005 MS IEC 60335-2-25:2007	IEC 60335-1:-2004 IEC 60335-2-25:2006
15	RICE COOKER	Rice Cooker	MS IEC 60335-1:2005 MS IEC 60335-2-15:2004	IEC 60335-1:2004 IEC 60335-2-15:2002
16	REFRIGERATOR	Refrigerator, Freezer, Minibar.	MS IEC 60335-1:2005 MS 1597:Part 2-24:2005	IEC 60335-1:-2004 IEC 60335-2-24:2005 with modification
17	IMMERSION WATER HEATER	Fixed Immersion Heater	MS IEC 60335-1:2005 No corresponding MS	IEC 60335-1:-2004 IEC 60335-2-73:2002
		Portable Immersion Heater	MS IEC 60335-1:2005 MS IEC 60335-2-74:2010	IEC 60335-1: 2004 IEC 60335-2-74:2006
18	WATER HEATER including HEATING ELEMENTS IF SUPPLIED SEPARATELY	Storage Water Heater	MS IEC 60335-1:2005 MS 1597-2-21:2011 or MS IEC 60335-2-21:2005	IEC 60335-1:2004 IEC 60335-2-21:2004 with modification
		Instantaneous Water Heater	MS IEC 60335-1: 2005 MS 1597-2-35:2010	IEC 60335-1:2004 IEC 60335-2-35:2006 with modification
19	WASHING MACHINE	Washing Machine having drying	MS IEC 60335-1:2005 MS 1597:Part 2-7:2005	IEC 60335-1:2004 IEC 60335-2-7:2003 with modification
		Washing Machine with separate spin container	MS IEC 60335-1:2005 MS IEC 60335-2-4:2007 MS 1597:Part 2-7 :2005	IEC 60335-1:2004 IEC 60335-2-4:2006 IEC 60335-2-7:2003
		Tumbler Dryers	MS IEC 60335-1:2005 MS IEC 60335-2-11:2003	IEC 60335-1:2004 IEC 60335-2-11:2003
		Cloth Dryers (<i>on rack located</i>)	MS IEC 60335-1:2005 MS IEC 60335-2-43:2007	IEC 60335-1:2004 IEC 60335-2-43:2005
		*Dish Washer and other utensils.	MS IEC 60335-1:2005 MS 1597:Part 2-5:2005	IEC 60335-1:2004 IEC 60335-2-5:2005
20	FAN	Moving-louver fan, Ceiling fan, Auto fan, Pedestal fan, Table fan, Wall fan & applies to their	MS IEC 60335-1:2005 MS 1597:Part 2-80:2010 MS 1220:2010	IEC 60335-1:2004 IEC 60335-2-80:-2004 with modification for ceiling fan only IEC 60879:1986 with modification

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Item	Category Equipment	Types of Equipment	Standards	
			Domestic	Relevant International
		separate regulators and with blade.		
		Ventilating fan, *Decorative fan & applies to their separate regulators and fan without blade.	MS IEC 60335-1:2005 MS 1597:Part 2-80:2010	IEC 60335-1:2004 IEC 60335-2-80:2004 with modification for ceiling type fan only
		Range Hood	MS IEC 60335-1:2005 MS IEC 60335-2-31:2003	IEC 60335-1:2004 IEC 60335-2-31:2002
		Cleaning Appliances (eg. Air Purifier)	MS IEC 60335-1:2003 MS IEC 60335-2-65:2006	IEC 60335-1:2004 IEC 60335-2-65:2005
		Humidifiers (eg. Air Cooler)	MS IEC 60335-1:2005 MS IEC 60335-2-98:2003	IEC 60335-1:2004 IEC 60335-2-98:2002
21	HAND OPERATED HAIR DRYER/ HAIRCARE/ SKIN CARE	Hair Dryer, Hair Styling Set, *Ionic Facial Sauna or similar to it.	MS IEC 60335-1:2005 MS IEC 60335-2-23:2007	IEC 60335-1:2004 IEC 60335-2-23:2005
22	IRON	Iron Fabric Steamer	MS IEC 60335-1:2005 MS IEC 60335-2-3:2006 MS IEC 60335-1:2005 MS IEC 60335-2-85:2003	IEC 60335-1:2004 IEC 60335-2-3:2005 IEC 60335-1:2004 IEC 60335-2-85:2002
23	SHAVER	Shaver, Hair Clippers.	MS IEC 60335-1:2005 No corresponding MS	IEC 60335-1:2004 IEC 60335-2-8:2008
24	VAPORISER	Mosquito Matt Vapor, Aroma Vapor (eg. Air Freshener)	MS IEC 60335-1:2005 MS IEC 60335-2-101:2003	IEC 60335-1:2004 IEC 60335-2-101:2002
25	VACUUM CLEANER	Vacuum Cleaner, Water Suction Cleaning.	MS IEC 60335-1:2005 MS IEC 60335-2-2:2006	IEC 60335-1:2004 IEC 60335-2-2:2004
26	HI-FIDELITY SET	Sub-woofer, Amplifier, Cassette Player, Equalizer / Mixer, Hi-Fi System, Karaoke, PA System, Portable Hi-Fi System, Portable Radio Cassette,	MS IEC 60065: 2007	IEC 60065: 2011

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			Domestic	Relevant International
		Player / Recorder, Radio, Radio Alarm, Tuner / Receiver, Turn tables / Record Players, Compact Disc Player, *Audio/Video Recorder up to 4 channels.		
27	VIDEO and VISUAL DISPLAY UNIT	Electronic appliances such as: LCD, LED, Plasma, CRT, and similar to it.	MS IEC 60065:2007	IEC 60065:2011
28	AUDIO and VIDEO PLAYER UNIT	VCD , Laser Disc, Video Cassette Recorder, DVD , Video Rewinder, Children Video Game.	MS IEC 60065:2007	IEC 60065:2011
29	** MASSAGER	*Foot Massagers, *Massage Bed, *Massage Chair, *Massage Pads, *Handheld Massagers, *Massage Belts.	MS IEC 60335-1:2005 MS IEC 60335-2-32:2003	IEC 60335-1:2004 IEC 60335-2-32:2002
30	** AIR CONDITIONER (up to 4hp)	*Split Air-conditioner, *Portable Air conditioner, *Ceiling Air-conditioner.	No corresponding MS	IEC 60335-1 :2004 IEC 60335-2-40:2005
31	CHRISTMAS LIGHT	Lighting Chain, Rope Light,	MS IEC 60598-1:2006 MS IEC 60598-2-20:2005	IEC 60598-1:2003

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			Domestic	Relevant International
		Decorative / Festive Light.		
32	DOMESTIC POWER TOOLS (Portable Type)	Drill (Drill bit size up to 15 mm)	MS IEC 60745-1:2010 MS IEC 60745-2-1:2011	IEC 60745-1:2006 IEC 60745-2-1:2008
		Grinder (up to 100 mm)	MS IEC 60745-1:2010 MS IEC 60745-2-3:2010	IEC 60745-1:2006 IEC 60745-2-3:2006
		Sander (up to 300 W)	MS IEC 60745-1:2010 MS IEC 60745-2-4:2011	IEC 60745-1:2006 IEC 60745-2-4:2006
		Circular Saw and circular knife (Cutting Blade up to 160 mm)	MS IEC 60745-1:2010 MS IEC 60745-2-5:2010	IEC 60745-1:2006 IEC 60745-2-5:2006
		Spray gun for non-flammable liquid (up to 100 bars)	MS IEC 60745-1:2010 MS IEC 60745-2-7:2005	IEC 60745-1:2006 IEC 60745-2-7:1989
		Jig and Sabre Saw (up to 60 mm)	MS IEC 60745-1:2010 MS IEC 60745-2-11:2011	IEC 60745-1:2006 IEC 60745-2-11:2006
		Planer (up to 500 W)	MS IEC 60745-1:2011 MS IEC 60745-2-14:2011	IEC 60745-1:2006 IEC 60745-2-14:2006
		Trimmer (up to 300 W) Hedge trimmer and Grass shears (up to 750 W)	MS IEC 60745-1:2010 MS IEC 60745-2-15:2011	IEC 60745-1:2006 IEC 60745-2-15:2006
		Router and trimmer (up to 500 W)	MS IEC 60745-1:2010 MS IEC 60745-2-17:2005	IEC 60745-1:2006 IEC 60745-2-17:2003
		High Pressure Cleaner	MS IEC 60335-1:2005 MS IEC 60335-2-79:2007	IEC 60335-1:2004 IEC 60335-2-79:2005
		Sewing Machine	MS IEC 60335-1:2005 MS IEC 60335-2-28:2003	IEC 60335-1:2004 IEC 60335-2-28:2002
		Portable Heating Tool such as: Soldering Gun, Soldering Iron, Heat Gun, Hot Air Firelighters, Glue gun.	MS IEC 60335-1:2005 MS IEC 60335-2-45:2003	IEC 60335-1:2004 IEC 60335-2-45:2002

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			Domestic	Relevant International
33	*ADAPTOR / CHARGER	Portable Battery Charger (up to 12 V)	MS IEC 60335-1:2005 MS IEC 60335-2-29:2005	IEC 60335-1:2004 IEC 60335-2-29:2004
		*Adaptor for IT Equipment (up to 20V)	MS IEC 60950-1:2007	IEC 60950-1:2005
		General electrical appliances, Electronic Isolating Transformer	MS IEC 61558-1:2005 MS IEC 61558-2-6:2006	IEC 61558-1:2009 IEC 61558-2-6:2009
		*Switching mode power supply	MS IEC 61558-1:2005 MS IEC 61558-2-17:2007	IEC 61558-1:2009 IEC 61558-2-17:2009
		*Electric toys	MS IEC 61558-1:2005 MS IEC 61558-2-7:2007	IEC 61558-1:2009 IEC 61558-2-7:2007
		Audio video equipment	MS IEC 60065:2007	IEC 60065:2011
		*IT & Office products	MS IEC 60950-1:2007	IEC 60950-1:2005
		Shavers	MS IEC 60335-1: 2005 No corresponding MS	IEC 60335-1: 2004 IEC 60335-2-8:2008
34	WIRE / CABLE / CORD (non-armoured) 0.5mm² to 35mm²	Polyvinyl chloride (PVC) Insulated flexible cord and cable	MS 140:1987 or MS 2112-5:2009	BS 6500:2000 or IEC 60227-1:2007 IEC 60227-5:2011
		Rubber insulated cord and flexible cables	MS 140:1987	BS 6500:2000 or IEC 60245-1:2003 IEC 60245-4:2011
		PVC-insulated cable (non-armoured) for electric power and supply: - non-sheathed	MS 2112-3:2009	IEC 60227-3:1997
		PVC-insulated cable (non-armoured) for electric power and supply: - sheathed	MS 2112-4:2009	IEC 60227-4:1997

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