

## LIST OF 31 CATEGORIES CONTROLLED ITEMS

BIL.	KATEGORI	BUTIRAN	STANDARD
1.	<b>PLUG TOP (PLUGS)</b>	Two pole plugs with supply cords	MS 1578:2003
		13A Fused plugs	MS 589 : PT.1 :1997
		15A Plugs	MS 1577:2003
		Adaptors (Multiway)	MS 589 : PT.3 :1997
		Cable Connectors	IEC 60998-1:2002 IEC 60998-2-1:2002 IEC 60998-2-2:2002 IEC 60998-2-3:2002 IEC 60998-2-4:2002 IEC 60998-2-5:2002
		Appliance Connectors	MS IEC 60320-1:2003
		Interconnection couplers	MS IEC 60320-2-2:2003
2.	<b>SWITCHES AND DIMMERS</b>	General purpose switches	MS 616:PT.1:1998
		Electronic switches	MS 616:PT.2:Sect.1:2000
		Remote-control switches	MS 616:PT.2:Sect.2:2000
		Time Delay Switches	MS 616:PT2:Sect.3:2000
3.	<b>SOCKET OUTLETS 15A AND BELOW (with or without elcb / rcd)</b>	Electric Shaver Socket Outlets	MS 1700:1998
		Isolating Transformer	MS 1700:1998
		13A Portable Switched Socket Outlets	MS 589:PT.2:1997
		Portable 2- Pin Socket Outlets	MS 1579:2003
		15A Socket Outlet	MS 1577:2003
		AC-DC or AC-AC Converter (Adaptor)	IEC 61558-2-6:1997
		AC-DC converter/adaptor (audio-video equipment)	MS IEC 60065:2003

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		AC-DC converter/adaptor (for IT Equipment)	IEC 60950:1999 or IEC 60950-1:2001
		13A Socket Outlets	MS 589:PT.2:1997
		Cooker Control Units	BS 4177:1992
4.	<b>LAMPHOLDERS</b>	-Lampholders for tubular fluorescent lamps -Staterholders for tubular fluorescent lamps	MS IEC 60400:1999
5.	<b>CEILING ROSES</b>		MS 770:1982
6.	<b>BAYONET CAPS AND MULTIWAY ADAPTERS</b>	-Bayonet Lampholders -Bayonet Adaptors	MS 769 : 1982
7.	<b>FLUORESCENT LAMPS FITTINGS EXCLUDING TUBES IF IMPORTED SEPARATELY</b>	Fixed general purpose luminaires	MS IEC 60598-1:1997 MS IEC60598-2-1:1997
		Recessed luminaires	MS IEC 60598-1:1997 MS IEC 60598- 2 -2: 1998
		Glow-starters for tubular fluorescent	MS IEC 60155:1996
8.	<b>CAPACITORS FOR FLUORESCENT LAMPS</b>	Capacitors for use in tubular fluorescent lamp circuit	MS IEC 61048:1999 MS IEC 61049:1999
9.	<b>BALLAST FOR FLUORESCENT LAMPS</b>	Ballast for tubular fluorescent lamps <i>Watt lost less than 6W for ballast 18/20W and 36/40W.</i>	MS 141 :PT.1:1992 MS 141 :PT.2:1992
		Electronics Ballast	MS IEC 60928:1995 MS IEC 60929:1995
10.	<b>CIRCUIT BREAKER INCLUDING AC CURRENT OPERATED EARTH</b>	Residual Current Circuit Breakers	IEC 61008-1, Ed.2:2003 IEC 61008-1, Ed.2-1:2003 IEC 61008-1, Ed.2-2:2003

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BIL.	KATEGORI	BUTIRAN	STANDARD
	<b>LEAKAGE CIRCUIT BREAKERS AND MINIATURE CIRCUIT BREAKERS</b>	Miniature Circuit Breakers (MCB)	MS IEC 60898-1:2003 MS IEC 60898-2:2003
		RCBO's	IEC 61009-1:2003 IEC 61009-2-1:2003 IEC 61009-2-2:2003
		Fuse Base & Carrier up to 32A	IEC 60269-1:2003 IEC 60269-2-1:2003
		Fuses/Fuse Links up to 63A	MS 1586-3:2003 IEC 60269-3-1:2003
		Switch Fuse up to 63A	MS IEC 60947-3:2000
11.	<b>INSTANTANEOUS WATER HEATERS INCLUDING HEATER ELEMENTS IF IMPORTED SEPARATELY</b>	Electric Stationary Instantaneous Water Heaters	MS 472 : PT.3 : SEC.3.1: 1986 or MS IEC 60335-1 :2003 MS 1597-2-35:2004
		Electric Storage Water Heaters	MS IEC 60335-1:2003 MS IEC 60335-2-21:2000
12.	<b>HAND OPERATED HAIR DRYER</b>	-Electric Hair Dryers -Electric Hair Styling Sets	MS IEC 335-1:2003 MS IEC 60335-2-23:2003
13.	<b>TABLE LAMPS HAVING ACCESSIBLE METAL PARTS</b>	-Electric Standing Lamps -Electric Table Lamps	MS IEC 60598-1:2003 MS IEC 60598-2-4:2003
		Electric Hand Lamps	MS IEC 60598-1:1997 MS IEC 60598-2-8:1998
14.	<b>ELECTRIC KETTLE INCLUDING HEATING ELEMENTS IF IMPORTED SEPARATELY</b>	Electric Warming Plates	MS IEC 60335-1:2003 MS IEC 60335-2-12:2003
		Electric Deep Fryers	MS IEC 60335-1:2003 MS IEC 60335-2-13:1995
		-Electric Coffee / Tea Makers -Electric Food Steamers	MS IEC 60335-1:2003 MS IEC 60335-2-15:1999

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BIL.	KATEGORI	BUTIRAN	STANDARD
		<ul style="list-style-type: none"> <li>-Electric Egg Boilers</li> <li>-Electric Jugs</li> <li>-Electric Slow Cookers</li> <li>-Electric Steam Boats</li> <li>-Electric Kettles</li> <li>-Electric Airpots</li> <li>-Electric Steam Generator Appliances</li> <li>-Electric Heating Elements for Kettles</li> </ul>	
		Electrical Multi-purpose cookers	MS IEC 60335-1:2003 MS IEC 60335-2-9:1995 MS IEC 60335-2-13:1995 MS IEC 60335-2-15:1999
		Electric Built in Hobs	MS IEC 60335-1:2003 MS IEC 335-2-36:2003
15.	<b>ELECTRIC SMOOTHING IRONS</b>	Electric Irons	MS IEC 60335-1:2003 MS IEC 60335-2-3:1995
16.	<b>ELECTRIC SHAVERS (EXCLUDING BATTERY OPERATED)</b>	<ul style="list-style-type: none"> <li>-Electric Hair Clippers</li> <li>-Electric Shavers</li> </ul>	IEC 60335-1:2003 IEC 60335-2-8:2002
17.	<b>FOOD MIXERS / BLENDERS</b>	<ul style="list-style-type: none"> <li>-Electric Blenders</li> <li>-Electric Choppers</li> <li>-Electric Food Processors</li> <li>-Electric Juice Extractors</li> <li>-Electric Grinders</li> <li>-Electric Mixers</li> </ul>	MS IEC 60335-1:2003 MS IEC 60335-2-14:1996
18.	<b>IMMERSION WATER HEATER</b>	Electric Fixed Immersion Heaters	MS IEC 60335-1:2003 MS IEC 60335-2-73:1996
		Portable Immersion Heater	MS IEC 60335-1:2003 MS IEC 60335-2-74:1996

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19.	<b>HI FI SETS</b>	<ul style="list-style-type: none"> <li>-Sub-woofer</li> <li>-Amplifier</li> <li>-Cassette Player</li> <li>-Equalizers / Mixers</li> <li>-Hi-Fi System</li> <li>-Karaoke</li> <li>-PA System</li> <li>-Portable Hi-Fi System</li> <li>-Portable Radio Cassette Player / Recorder</li> <li>-Radio</li> <li>-Radio Alarm</li> <li>-Tuner / Receiver</li> <li>-Turn tables / Record Players</li> </ul>	MS IEC 60065:2003
20.	<b>MOSQUITO MAT VAPOURISERS</b>	<ul style="list-style-type: none"> <li>-Electric mosquito matt vapor</li> <li>-Electric aroma vapor</li> </ul>	MS IEC 60335-1:2003 MS IEC 60335-2-101:2003
21.	<b>TOASTERS/OVEN (COOKING APPLIANCE)</b>	<ul style="list-style-type: none"> <li>-Electric Stationary Electric Ovens</li> <li>-Electric Induction hobs</li> </ul>	MS IEC 60335-1:2003 MS IEC 60335-2-6:1999
		<ul style="list-style-type: none"> <li>-Electric Bread Makers</li> <li>-Electric Bread Toasters</li> <li>-Electric Portable Ovens</li> <li>-Electric Grillers</li> <li>-Electric Microwave Ovens</li> <li>-Electric Sandwich Makers / Waffle Makers</li> <li>-Electric Roasters</li> <li>-Electric Convection Ovens</li> </ul>	MS IEC 60335-1:2003 MS IEC 60335-2-9:1995
		Electric Microwave Ovens	MS IEC 335-1:2003 MS IEC 335-2-25:1995
22.	<b>FANS</b>	<ul style="list-style-type: none"> <li>-Electric moving-louvre fans &amp; regulators</li> </ul>	MS IEC 60335-1:2003 MS 1219: Pt.2 : 2002

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BIL.	KATEGORI	BUTIRAN	STANDARD
		<ul style="list-style-type: none"> <li>-Electric ceiling fans &amp; regulators</li> <li>-Electric ventilating fans &amp; regulators</li> <li>-Electric auto fans &amp; regulators</li> <li>-Electric pedestal fans &amp; regulators</li> <li>-Electric table fans &amp; regulators</li> <li>-Electric wall fans &amp; regulators</li> </ul>	MS 1220 : 2001
		Electric range hoods	MS IEC 60335-1:2003 IEC 60335-2-31
		Electric ventilating fans & regulators	MS 60335-1:2003 MS 1219: Pt.2:2002
		Electric Air Coolers	MS IEC 60335-1:2003 MS IEC60335-2-98:2003
23.	<b>TELEVISIONS</b>	<ul style="list-style-type: none"> <li>-Television</li> <li>-Projection Television</li> </ul>	MS IEC 60065:2003
24.	<b>VACUUM CLEANERS</b>	<ul style="list-style-type: none"> <li>-Carpet Cleaners</li> <li>-Vacuum Cleaners &amp; Accessories</li> </ul>	MS IEC 60335-1:2003 MS IEC 60335-2-2: 1995
25.	<b>VIDEO PLAYERS</b>	<ul style="list-style-type: none"> <li>-Video compact disc players</li> <li>-Video Cassette Recorder / Players</li> <li>-DVD Players</li> <li>-Laser Disc Player</li> <li>-CD Players</li> <li>-Video Rewinder</li> <li>-Children Video Games</li> </ul>	MS IEC 60065:2003
26.	<b>WASHING MACHINES</b>	Electric Cloth Dryers	MS IEC 60335-1:2003 IEC 60335-2-43:2002

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BIL.	KATEGORI	BUTIRAN	STANDARD
		Electric Washing Machines	MS IEC 60335-1 :2003 MS IEC 60335-2-4 : 2003 MS IEC 60335-2-7 : 2003
27.	<b>REFRIGERATORS</b>	-Electric Refrigerators -Electric Freezers -Electric Minibars	MS IEC 60335-1: 2003 MS IEC 60335-2-24: 2002
28.	<b>RICE COOKERS</b>	Rice cookers	MS IEC 60335-1 : 2003 MS IEC 60335-2-15 : 2004
29.	<b>CHRISTMAS LIGHT</b>	Christmas lights	MS IEC 60598-1 : 1997 MS IEC 60598-2-20 : 1998
30.	<b>DOMESTIC POWER TOOLS</b>	Electric Circular Saws and circular knives (Cutting Blade up to 160 mm)	IEC 60745-1 IEC 60745-2-5, Ed.2:1993
		Electric Drills (Drill bit size up to 10 mm)	IEC 60745-1 IEC 60745-2-1,Ed.1+Am.1:1992
		Electric Sewing Machines	IEC 60335-1:2003 IEC 60335-2-28 : 1996
		Electric Soldering Irons	MS IEC 60335-1 :2003 MS IEC 60335-2-45 : 2002
		Electric Grinders (up to 100 mm)	IEC 60745-1 IEC 60745-2-3, Ed.1:1984+Am.1:1995
		Electric Planers (up to 500 W)	IEC 60745-1 IEC 60745-2-14, Ed.1:1984
		Electric Routers and trimmers (up to 500 W)	IEC 60745-1 IEC 60745-2-17, Ed. 1: 1989
		Trimmers (up to 300 W)	IEC 60745-1 IEC 60745-2-15,Ed.1:1984
		Electric Sanders (up to 300 W)	IEC 60745-1 IEC 60745-2-4,Ed.1:1983+Am.1:1992

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BIL.	KATEGORI	BUTIRAN	STANDARD
		High pressure cleaners	IEC 60335-2-79 IEC 60335-1:1995
		Electric hedge trimmers and Grass shears (up to 750 W)	IEC 60745-1, IEC 60745-2-15,Ed.1:1984
		Portable Battery Chargers (up to 12V)	MS IEC 60335-1: 2003 MS IEC 60335-2-29:1996
31.	<b>WIRES / CABLES / CORDS (NON ARMoured) OF CROSS SECTIONAL AREA 0.5 mm.sq. to 35 mm.sq.</b>	Insulated flexible cords and cable	MS 140 : 1987
		PVC-insulated cable (non-armoured) for electric power and supply	MS 136 : 1995 MS 140 : 1987
		Polyvinyl chloride Insulated flexible cords	MS 140 : 1987
		Rubber insulated cord and flexible cables	MS : 140 : 1987

NOTE:

MS : MALAYSIAN STANDARD

IEC : INTERNATIONAL ELECTROTECHNICAL COMMISSION

BS : BRITISH STANDARD

\*\* For electrical products that are tested under IEC or BS standard are subjected to additional test to include national deviation (for example voltage and frequency).