



**ASEAN SECTORAL MRA ON ELECTRICAL AND ELECTRONIC EQUIPMENT
(ASEAN EE MRA)
LISTING OF THE DESIGNATED CONFORMITY ASSESSMENT BODIES**

In accordance to the ASEAN Sectoral MRA for Electrical and Electronic Equipment, the Joint Sectoral Committee for Electrical and Electronic Equipment (JSC EEE) listed the following Designated Conformity Assessment Bodies to undertake testing for the electrical and electronic equipment under the scope of designation of the respective ASEAN Member Countries. The Scope of designation appears as ANNEX 1.

Balai Besar Bahan dan Barang Teknik (B4T) with address at Jl. Sangkuriang No.14, Bandung, Indonesia, as listed testing laboratory for Cambodia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam.

This listing was made on 12 February 2019 and will be valid until 11 February 2022.

JOINT SECTORAL COMMITTEE FOR ELECTRICAL AND ELECTRONIC EQUIPMENT.

(Mr. Sim Choon Siong)
Chair

(Ms. Kamonwan Chamlerdwat)
Vice-Chair

SCOPE OF DESIGNATION

Balai Besar Bahan dan Barang Teknik (B4T) as listed testing laboratory for Cambodia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam

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CAMBODIA			
Designated Testing Laboratory			
Balai Besar Bahan dan Barang Teknik (B4T)			
No.	Scope of Designation/ Product	Standard	Basis for designation
1	Electric Fans	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-80 Ed. 2.1 (2004-03)	(1) KAN Testing Laboratory Accreditation (LP-007-IDN) (2) SNI ISO/IEC17025:2008 (ISO/ IEC 17025 :2005)
2	Refrigerators, Freezers and other refrigerating or freezing equipment	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-24 Ed. 7.0 (2010-02)	
3	Electric washing machine	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-7 Ed.7.0 (2008-06)	
4	Home computer system (inclusive of monitor, printer, speaker, and other mains operated accessories	IEC 60950-1 Ed. 2.0 (2005-12)	
5	Adaptor	IEC 60065 Ed 7.1 (2005-12) IEC 60950-1 Ed. 2.0 (2005-12)	
6	Food mixers/blenders	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-14 Ed. 5.2 (2012-11)	
7	Electrical Shavers	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-8 Ed 5.2 (2008-09)	
No.	Scope of Designation/ Product	Standard	Basis for designation

CAMBODIA			
Designated Testing Laboratory			
Balai Besar Bahan dan Barang Teknik (B4T)			
No.	Scope of Designation/ Product	Standard	Basis for designation
9	Electrical Iron	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-3 Ed 5.2 (2008-07)	(1) KAN Testing Laboratory Accreditation (LP-007-IDN) (2) SNI ISO/IEC17025:2008 (ISO/ IEC 17025 :2005)
10	Electric Kettles	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-15 Ed. 5.2 (2008-09) IEC 60335-2-9 Ed 6.0 (2008-07)	
11	Toaster/Oven (Cooking Appliance)	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-9 Ed 6.0 (2008-07)	
12	Hi-Fi Set	IEC 60065 Ed 7.1 (2005-12)	
13	Television	IEC 60065 Ed 7.1 (2005-12)	
14	Electric Lamps	IEC 60968 Ed. 1.2 (1999-09)	

LAO PDR Designated Testing Laboratory Balai Besar Bahan dan Barang Teknik (B4T)			
No.	Scope of Designation/ Product	Standard	Basis for designation
1	Self-ballasted lamps for general lighting services - Safety requirements	IEC 60968 Ed. 1.2 (1999-09)	(1) KAN Testing Laboratory Accreditation (LP-007-IDN) (2) SNI ISO/IEC 17025:2008 (ISO/IEC 17025 :2005)
2	Self-ballasted lamps for general lighting services - Performance requirements	IEC 60969:2001 Ed. 1.2 (2001-03)	
3	Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-3 Ed 5.2 (2008-07)	
4	Household and similar electrical appliances – Safety – Part 2-41: Particular requirements for pumps	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-41 Ed. 3.1 (2004-03)	
5	Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-40 Ed. 4.2 (2005-07)	
6	Audio, video and similar electronic apparatus —Safety requirements	IEC 60065 Ed 7.1 (2005-12)	
7	Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-24 Ed. 7.0 (2010-02)	
8	Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-7 Ed.7.0 (2008-06)	

LAO PDR Designated Testing Laboratory Balai Besar Bahan dan Barang Teknik (B4T)			
No.	Scope of Designation/ Product	Standard	Basis for designation
9	Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-14 Ed. 5.2 (2012-11)	(1) KAN Testing Laboratory Accreditation (LP-007-IDN) (2) SNI ISO/IEC 17025:2008 (ISO/IEC 17025 :2005)
10	Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-15 Ed. 5.2 (2008-09)	
11	Household and similar electrical appliances - Safety - Part 2-88: Particular requirements for humidifiers intended for use with heating, ventilation, or air-conditioning systems	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-88 Ed. 2.0 (2002-10)	
12	Electromagnetic Compatibility (EMC) for Household Appliances	CISPR 14-1: 2009 IEC 61000-4-6: 2008 CISPR 14-2: 2008 IEC 61000-4-3: 2008 IEC 61000-4-11: 2004 IEC 61000-4-5: 2005 IEC 61000-4-4: 2004 IEC 61000-4-2: 2008 IEC 61000-4-13 : 2009	
13	Electromagnetic Compatibility (EMC) for Audio Video	CISPR 13: 2009 Cl. 5.3 CISPR 13: 2009 Cl. 5.4 CISPR 13: 2009 Cl.5.6 CISPR 13: 2009 Cl. 5.7 CISPR 20: 2006 Cl. 5.8 IEC 61000-4-3: 2010 IEC 61000-4-4: 2004 CISPR 14-2: 2008 IEC 61000-4-2 : 2008	

LAO PDR Designated Testing Laboratory Balai Besar Bahan dan Barang Teknik (B4T)			
No.	Scope of Designation/ Product	Standard	Basis for designation
14	Electromagnetic Compatibility (EMC) for Information Technology Equipment	CISPR 22: 2008 Cl. 9 CISPR 22: 2008 Cl. 10 CISPR 24: 2010 Cl. 4.2.3.3 IEC 61000-4-6-2008 CISPR 24: 2010 Cl. 4.2.1 IEC 61000-4-2: 2008 CISPR 24: 2010 Cl. 4.2.3.2 IEC 61000-4-3: 2010 CISPR 24: 2010 Cl. 4.2.2 IEC 61000-4-4: 2004 IEC 61000-4-5: 2005 CISPR 24: 2010 Cl. 4.2.4 IEC 61000-4-8: 2009 CISPR 24: 2010 Cl. 4.2.6 IEC 61000-4-11 : 2004	(1) KAN Testing Laboratory Accreditation (LP-007-IDN) (2) SNI ISO/IEC 17025:2008 (ISO/IEC 17025 :2005)
15	Electromagnetic Compatibility (EMC) for Luminaire	CISPR 15: 2009 Cl. 8 BS EN 61547: 2009 Cl. 5.7 IEC 61000-4-5: 2005 BS EN 61547: 2009 Cl. 5.6 IEC 61000-4-6: 2008 BS EN 61547: 2009 Cl. 5.4 IEC 61000-4-8: 2009 BS EN 61547: 2009 Cl.5.8 IEC 61000-4-11: 2004 BS EN 61547: 2009 Cl. 5.3 IEC 61000-4-2: 2010 BS EN 61547: 2009 Cl. 5.5 IEC 61000-4-24: 2004 BS EN 61547: 2009 Cl. 5.2 IEC 61000-4-2 : 2008	
16	Electric toys - Safety	IEC 62115 Ed. 1.2 (2011-02)	
17	Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-29 Ed 4.1 (2004-12)	

LAO PDR Designated Testing Laboratory Balai Besar Bahan dan Barang Teknik (B4T)			
No.	Scope of Designation/ Product	Standard	Basis for designation
18	Household and similar electrical appliances – Safety – Part 2-80: Particular requirements for fans	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-80 Ed. 2.1 (2004-03)	(1) KAN Testing Laboratory Accreditation (LP-007-IDN) (2) SNI ISO/IEC 17025:2008 (ISO/IEC 17025 :2005)
19	Household and similar electrical appliances - Safety - Part 2-8: Particular requirements for shavers, hair clippers and similar appliances	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-8 Ed 5.2 (2008-09)	
20	Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-23 Ed. 5.1 (2008-03)	
21	Electromagnetic Compatibility (EMC) for Multimedia Equipment	CISPR 32 : 2012 Ed. 1 Cl. A.2	
22	Electromagnetic Compatibility (EMC) for Medical Equipment	CISPR 11: 2009 / A1:2010 Cl. 6.2.1 EN 61000-4-5: 2006 EN 61000-4-6: 2009 EN 61000-4-8: 2010 EN 61000-4-11: 2004 EN 61000-4-3: 2006 / A1:2008 / A2:2010 EN 61000-4-4: 2004 / A1:2010 EN 61000-4-2: 2009	
23	Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-9 Ed 6.0 (2008-07)	
24	Information technology equipment - Safety - Part 1: General requirements	IEC 60950-1 Ed. 2.0 (2005-12)	

MALAYSIA			
Designated Testing Laboratory			
Balai Besar Bahan dan Barang Teknik (B4T)			
No.	Scope of Designation/ Product	Standard	Basis for designation
1	Self-ballasted, Compact Florescent Lamp (CFL) with Edison screw or bayonet caps	IEC 60968 Ed. 1.2 (1999-09) IEC 60969:2001 Ed. 1.2 (2001-03)	1) KAN Testing Laboratory Accreditation (LP-007-IDN) (2) SNI ISO/IEC 17025:2008 (ISO/IEC 17025 :2005)
2	Heating Liquids such as: Coffee/Tea Maker, Food Steamer, Egg Boiler, Jug, Slow Cooker, Steamboat, Kettle, Airpot, Bottle Warmer, Sterillizer.	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-15 Ed. 5.2 (2008-09)	
3	Water Dispenser/Filter	IEC 60335-1 Ed. 4.2 (2006-09)	
4	Water Dispenser-Hot	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-15 Ed. 5.2 (2008-09)	
5	Blender, Chopper, Food Processor, Juice Extractor, Grinder, Mixer.	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-14 Ed. 5.2 (2012-11)	
6	Bread Maker, Bread Toaster, Portable Oven, Induction Cooker, Grill, Sandwich Maker/Waffle Maker, Roaster.	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-9 Ed 6.0 (2008-07)	
7	Rice Cooker	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-15 Ed. 5.2 (2008-09)	
8	Hair Dryer, Hair Styling Set, Ionic Facial Steamer or similar to it.	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-23 Ed. 5.1 (2008-03)	
9	Iron	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-3 Ed 5.2 (2008-07)	
10	Shaver, Hair Clippers.	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-8 Ed 5.2 (2008-09)	

MALAYSIA			
Designated Testing Laboratory			
Balai Besar Bahan dan Barang Teknik (B4T)			
No.	Scope of Designation/ Product	Standard	Basis for designation
11	Sub-woofer, Amplifier, Cassette Player, Equalizer/ Mixer, Hi-Fi System, Karaoke, PA System, Portable Hi-Fi System, Portable Radio Cassette, Player/ Recorder, Radio, Radio Alarm, Tuner/ Receiver, Turntables/ Record Players, Compact Disc Player, Audio/Video Recorder up to 4 channels.	IEC 60065 Ed 7.1 (2005-12)	(1) KAN Testing Laboratory Accreditation (LP-007-IDN) (2) SNI ISO/IEC 17025:2008 (ISO/ IEC 17025 :2005)
12	Electronic appliances such as: LCD, LED, Plasma, CRT, And similar to it.	IEC 60065 Ed 7.1 (2005-12)	
13	VCD, Laser Disc, Video Cassette Recorder, DVD, Video Rewinder, Children	IEC 60065 Ed 7.1 (2005-12)	
14	Split Air- conditioner, Portable Air- conditioner, Ceiling Air- conditioner (Cooling Capacity of 32,000Btu/hr& below)	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-40 Ed. 4.2 (2005- 07)	
15	Portable Battery Charger (up to 12V)	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-29 Ed 4.1 (2004-12)	
16	Adaptor for IT Equipment (up to 20V)	IEC 60950-1 Ed. 2.0 (2005-12)	
17	Audio video equipment	IEC 60065 Ed 7.1 (2005-12)	
18	IT & Office products	IEC 60950-1 Ed. 2.0 (2005-12)	
19	Shavers	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-8 Ed 5.2 (2008-09)	

MYANMAR			
Designated Testing Laboratory			
Balai Besar Bahan dan Barang Teknik (B4T)			
No.	Scope of Designation/ Product	Standard	Basis for designation
1	Electrical hair dryers	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-23 Ed. 5.1 (2008-03)	(1) KAN Testing Laboratory Accreditation (LP-007-IDN) (2) SNI ISO/IEC 17025:2008 (ISO/ IEC 17025 :2005)
2	Electrical heat pumps	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-40 Ed. 4.2 (2005-07)	
3	Electric iron	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-3 Ed 5.2 (2008-07)	
4	Mobile split air- conditioners	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-40 Ed. 4.2 (2005-07)	
5	Electric fans	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-80 Ed. 2.1 (2004-03)	
6	Electric fryers	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-15 Ed. 5.2 (2008-09)	
7	Electric hair styling set	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-23 Ed. 5.1 (2008-03)	
8	Refrigerators	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-24 Ed. 7.0 (2010-02)	
9	Rice cookers / Electrical Multi- Purpose Cookers	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-15 Ed. 5.2 (2008-09)	
10	Water pump	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-41 Ed. 3.1 (2004-03)	

PHILIPPINES			
Designated Testing Laboratory			
Balai Besar Bahan dan Barang Teknik (B4T)			
No	Scope of Designation	Standard	Basis for Designation
1	Household and similar electrical appliances Part 2-24: Particular requirements for refrigerating appliances, ice cream appliances and ice makers	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-24 Ed. 7.0 (2010-02)	(1) KAN Testing Laboratory Accreditation (LP-007-IDN) (2) SNI ISO/IEC 17025:2008 (ISO/IEC 17025 :2005)
2	Safety requirements for electric irons	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-3 Ed 5.2 (2008-07)	
3	Safety requirements for appliances for heating	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-15 Ed. 5.2 (2008-09)	
4	Audio, video & similar electronic apparatus - Safety	IEC 60065 Ed 7.1 (2005-12)	
5	Safety requirements for toasters, grills, roasters and similar appliances	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-9 Ed 6.0 (2008-07)	
6	Self-ballasted lamps for general lighting services – Safety	IEC 60968 Ed. 1.2 (1999-09)	
7	Self-ballasted lamps for general lighting services – Performance	IEC 60969:2001 Ed. 1.2 (2001-03)	
8	General Requirements for safety of household and similar electrical appliances	IEC 60335-1 Ed. 4.2 (2006-09)	
9	Safety requirements for kitchen machines	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-14 Ed. 5.2 (2012-11)	
10	Safety requirements for washing machines	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-7 Ed.7.0 (2008-06)	
11	Safety requirements for Fans	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-80 Ed. 2.1 (2004-03)	

SINGAPORE			
Designated Testing Laboratory			
Balai Besar Bahan dan Barang Teknik (B4T)			
No.	Scope of Designation/ Product	Standard	Basis for designation
1	Adaptor (for electronic appliances)	IEC 60065 Ed 7.1 (2005-12)	(1) KAN Testing Laboratory Accreditation (LP-007-IDN) (2) SNI ISO/IEC 17025:2008 (ISO/ IEC 17025 :2005)
2	Adaptor (for computer / telephonic appliances)	IEC 60950-1 Ed. 2.0 (2005-12)	
3	Adaptor (for Shavers)	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-8 Ed 5.2 (2008-09)	
4	Adaptor (for Battery Charger)	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-29 Ed 4.1 (2004-12)	
5	Audio and Video products	IEC 60065 Ed 7.1 (2005-12)	
6	Coffee maker, slow cooker, steam boat and similar appliances	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-15 Ed. 5.2 (2008-09)	
7	Hair care appliances	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-23 Ed. 5.1 (2008-03)	
8	Home computer system (inclusive of monitor, printer, speaker and other mains operated accessories)	IEC 60950-1 Ed. 2.0 (2005-12)	
9	Iron	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-3 Ed 5.2 (2008-07)	
10	Liquid Heating Appliances	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-15 Ed. 5.2 (2008-09)	
11	Kitchen Machines	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-14 Ed. 5.2 (2012-11)	
12	Refrigerator	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-24 Ed. 7.0 (2010-02)	
13	Rice cooker	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-15 Ed. 5.2 (2008-09)	
14	Room air-conditioner	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-40 Ed. 4.2 (2005-07)	

SINGAPORE			
Designated Testing Laboratory			
Balai Besar Bahan dan Barang Teknik (B4T)			
No.	Scope of Designation/ Product	Standard	Basis for designation
15	Fans	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-80 Ed. 2.1 (2004-03)	(1) KAN Testing Laboratory Accreditation (LP-007-IDN) (2) SNI ISO/IEC 17025:2008 (ISO/ IEC 17025 :2005)
16	Toaster, grill, roaster, hot plate, deep fryer, wok and similar appliances	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-9 Ed 6.0 (2008-07)	
17	Washing machine	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-7 Ed.7.0 (2008-06)	

THAILAND			
Designated Testing Laboratory			
Balai Besar Bahan dan Barang Teknik (B4T)			
No.	Scope of Designation/ Product	Standard	Basis for designation
1	Electric irons	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-3 Ed 5.2 (2008-07)	(1) KAN Testing Laboratory Accreditation (LP-007-IDN) (2) SNI ISO/IEC 17025:2008 (ISO/IEC 17025 :2005)
2	Grills, toasters and similar portable cooking appliances	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-9 Ed 6.0 (2008-07)	
3	AC electric fans : safety requirements	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-80 Ed. 2.1 (2004-03)	
4	Electric rice-cookers : safety requirements	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-15 Ed. 5.2 (2008-09)	
5	Mains operated electronic and related apparatus for household and similar general use : safety requirements	IEC 60065 Ed 7.1 (2005-12)	
6	Washing machines : safety requirements	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-7 Ed.7.0 (2008-06)	
7	Lighting and similar equipment : radio disturbance limits	CISPR 15: 2009 Only Clause 8	
8	Appliances for skin or hair care : safety requirement	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-23 Ed. 5.1 (2008-03)	
9	Electric thermo pots	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-15 Ed. 5.2 (2008-09)	
10	Household refrigerators : safety requirements	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-24 Ed. 7.0 (2010-02)	
11	Self-Ballasts for general Lighting service	IEC 60968 Ed. 1.2 (1999-09)	

VIET NAM			
Designated Testing Laboratory			
Balai Besar Bahan dan Barang Teknik (B4T)			
No.	Scope of Designation/ Product	Standard	Basis for Designation
1	Hair dryer and other hair -made tools	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-23 Ed. 5.1 (2008-03)	(1) KAN Testing Laboratory Accreditation (LP-007-IDN) (2) SNI ISO/IEC 17025:2008 (ISO/ IEC 17025 :2005)
2	Rice Cooker	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-15 Ed. 5.2 (2008-09)	
3	Electric Kettle	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-15 Ed. 5.2 (2008-09)	
4	Tea/coffee maker	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-15 Ed. 5.2 (2008-09)	
5	Electric fans	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-80 Ed. 2.1 (2004-03)	
6	Electric irons	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-3 Ed 5.2 (2008-07)	
7	Electric oven, electric grill (mobile type)	IEC 60335-1 Ed. 4.2 (2006-09) IEC 60335-2-9 Ed 6.0 (2008-07)	
8	Vacuum cleaner	CISPR 14-1 : 2009	
9	Washing machine	CISPR 14-1 : 2009	
10	Refrigerator, freezer	CISPR 14-1 : 2009	
11	Air conditioner	CISPR 14-1 : 2009	
12	Instantaneous water heaters	CISPR 14-1 : 2009	