

CERTIFICATE OF DESIGNATION

Certificate No: PSB-ASEAN-CBT-0015

Date of Issue : 26 September 2017

Date of Expiry : 2 December 2018

This is to certify that SPRING Singapore has under the Designation Scheme for CAB, designated the conformity assessment body described below, in accordance with ASEAN Sectoral Mutual Recognition Arrangement for Electrical and Electronic Equipment (ASEAN EE MRA), to carry out product testing activities specified in the attached Annex subject to the terms and conditions specified therein.

TESTING FACILITY DESCRIPTION

Name of Testing Facility : TUV SUD PSB Pte Ltd

Address of Testing Facility : 1 Science Park Drive
Singapore 118221



Jack Teng
for Designating Authority
SPRING Singapore

BRUNEI DARUSSALAM (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
1	Adaptor - for electronic, electrical, computer and telephonic appliances	IEC 60742 IEC 61558-2-6 IEC 60065 IEC 60950	Accreditation under the SAC-SINGLAS to ISO/IEC 17025: 2005 (Cert No: LA-2007-0385-E, Part 1 to 5) Date of Issue: 03 December 2014 Date of Expiry: 02 December 2018
2	Air cooler	IEC 60335-2-98	
3	Audio product	IEC 60065	
4	Coffee maker, slow cooker, steam boat and similar appliances	IEC 60335-2-15	
5	Cooking range	IEC 60335-2-6	
6	Decorative lighting fixture	IEC 60598-2-20	
7	Hairstyler	IEC 60335-2-23	
8	High - Fidelity set	IEC 60065	
9	Home computer system (inclusive of monitor, printer, speaker and other mains operated accessories)	IEC 60950	
10	Immersion water heater	IEC 60335-2-74	
11	Iron	IEC 60335-2-3	
12	Kettle	IEC 60335-2-15	
13	Laser disc set	IEC 60065	
14	Microwave oven	IEC 60335-2-25	
15	Mixer, blender, mincer and similar appliances	IEC 60335-2-14	
16	Mobile split air-conditioner	IEC 60335-2-40	
17	Refrigerator	IEC 60335-2-24	
18	Rice Cooker	IEC 60335-2-15	
19	Room air-conditioner	IEC 60335-2-40	
20	Table lamp or standing lamp	IEC 60598-2-4	
21	Table or standing fan	IEC 60335-2-80	
22	Television or video display unit	IEC 60065	



BRUNEI DARUSSALAM (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
23	Toaster, grill, roaster, hot plate, deep fryer, wok and similar appliances - for hot plate and similar appliances - for toaster, grill, oven and similar appliances - for deep fryer, electric wok and similar appliances	- IEC 60335-2-6 - IEC 60335-2-9 - IEC 60335-2-13	
24	Vacuum Cleaner	IEC 60335-2-2	
25	Video cassette recorder	IEC 60065	
26	- Wall fan - Ceiling fan	IEC 60335-2-80	
27	Washing Machine	IEC 60335-2-7	
28	Ballast for tubular fluorescent lamp	IEC 61347-2-3 IEC 61347-2-8	
29	Isolating transformer for downlight fitting	IEC 61558-2-6 IEC 61347-2-2	
30	3-pin rectangular type 13-amp plug	SS 145: Part 1	
31	Fuse (less than or equal to 13-amp) for use in plug	SS 167	
32	3-pin round type 15-amp plug	SS 472	
33	Multi-way Adaptor	SS 246	
34	3-pin portable socket-outlet	SS 145: Part 2 SS 358: Part 5	
35	3-pin 13-amp socket-outlet	SS 145: Part 2	
36	3-pin round type 15-amp socket-outlet	SS 472	
37	Domestic electric wall switch	IEC 60669-1 SS227: Part 1	



CAMBODIA (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
1	Adaptor – for electronic, electrical, computer and telephonic appliances	IEC 60742 IEC 61558-2-6 IEC 60065 IEC 60950	Accreditation under the SAC-SINGLAS to ISO/IEC 17025: 2005 (Cert No: LA-2007-0385-E, Part 1 to 5) Date of Issue: 03 December 2014 Date of Expiry: 02 December 2018
2	Air cooler	IEC 60335-2-98	
3	Audio product	IEC 60065	
4	Coffee maker, Slow Cooker, Steam Boat and similar appliances	IEC 60335-2-15	
5	Cooking range	IEC 60335-2-6	
6	Decorative lighting fixture	IEC 60598-2-20	
7	Electric Hairdryer	IEC 60335-2-23	
8	High – Fidelity set	IEC 60065	
9	Home computer system (inclusive of monitor, printer, speaker and other mains operated accessories)	IEC 60950	
10	Immersion water heater	IEC 60335-2-74	
11	Electric Iron	IEC 60335-2-3	
12	Kettle	IEC 60335-2-15	
13	Laser disc set	IEC 60065	
14	Microwave Oven	IEC 60335-2-25	
15	Mixer, Blender, Mincer and similar appliances	IEC 60335-2-14	
16	Mobile split air-conditioner	IEC 60335-2-40	
17	Refrigerator	IEC 60335-2-24	
18	Rice Cooker	IEC 60335-2-15	
19	Room Air-conditioner	IEC 60335-2-40	



CAMBODIA (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
20	Table lamp or standing lamp	IEC 60598-2-4	
21	Table or standing fan	IEC 60335-2-80	
22	Television or video display unit	IEC 60065	
23	- for hot plate and similar appliances - for toaster, grill, oven and similar appliances - for deep fryer, electric wok and similar appliances	- IEC 60335-2-6 - IEC 60335-2-9 - IEC 60335-2-13	
24	Vacuum Cleaner	IEC 60335-2-2	
25	Video cassette recorder	IEC 60065	
26	- Wall fan - Ceiling fan	IEC 60335-2-80	
27	Washing machine	IEC 60335-2-7	
28	Ballast for tubular fluorescent lamp	IEC 61347-2-3 IEC 61347-2-8	
29	Isolating transformer for downlight fitting	IEC 61558-2-6 IEC 61347-2-2	



LAO PDR & MYANMAR (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
1	Adaptor - for electronic, electrical, computer and telephonic appliances	IEC 60742 IEC 61558-2-6 IEC 60065 IEC 60950	Accreditation under the SAC-SINGLAS to ISO/IEC 17025: 2005 (Cert No: LA-2007-0385-E, Part 1 to 5) Date of Issue: 03 December 2014 Date of Expiry: 02 December 2018
2	Air cooler	IEC 60335-2-98	
3	Audio product	IEC 60065	
4	Coffee maker, slow cooker, steam boat and similar appliances	IEC 60335-2-15	
5	Cooking range	IEC 60335-2-6	
6	Decorative lighting fixture	IEC 60598-2-20	
7	Hairdryer	IEC 60335-2-23	
8	High - Fidelity set	IEC 60065	
9	Home computer system (inclusive of monitor, printer, speaker and other mains operated accessories)	IEC 60950	
10	Immersion water heater	IEC 60335-2-74	
11	Iron	IEC 60335-2-3	
12	Kettle	IEC 60335-2-15	
13	Laser disc set	IEC 60065	
14	Microwave oven	IEC 60335-2-25	
15	Mixer, blender, mincer and similar appliances	IEC 60335-2-14	
16	Mobile split air-conditioner	IEC 60335-2-40	
17	Refrigerator	IEC 60335-2-24	
18	Rice Cooker	IEC 60335-2-15	
19	Room air-conditioner	IEC 60335-2-40	
20	Table lamp or standing lamp	IEC 60598-2-4	
21	Table or standing fan	IEC 60335-2-80	
22	Vacuum Cleaner	IEC 60335-2-2	



LAO PDR & MYANMAR (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
23	Video cassette recorder	IEC 60065	
24	- Wall fan - Ceiling fan	IEC 60335-2-80	
25	Television or video display unit	IEC 60065	
26	Toaster, grill, roaster, hot plate, deep fryer, wok and similar appliances - for hot plate and similar appliances - for toaster, grill, oven and similar appliances - for deep fryer, electric wok and similar appliances	- IEC 60335-2-6 - IEC 60335-2-9 - IEC 60335-2-13	
27	Washing Machine	IEC 60335-2-7	
28	Ballast for tubular fluorescent lamp	IEC 61347-2-3 IEC 61347-2-8	
29	Isolating transformer for downlight fitting	IEC 61558-2-6 IEC 61347-2-2	



INDONESIA (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
1	Self-ballast lamp for general lighting service	IEC 60968: 1999 IEC 60968: 2012	Accreditation under the SAC-SINGLAS to ISO/IEC 17025: 2005 (Cert No: LA-2007-0385-E, Part 1 to 5) Date of Issue: 03 December 2014 Date of Expiry: 02 December 2018
2	Plugs and socket-outlets for household and similar purposes. Part 1: General requirements	SNI 04-3892.1-2006 Ed 3.1 (IEC 60884-1)	
3	Switches for household and similar fixed-electrical. Part 1: General requirements	SNI 04-6203.1-2006 (IEC 60669-1)	
4	Circuit breakers for overcurrent protection for household and similar installation. Part 1: Circuit breaker for ac operated	SNI 04-6507.1 Amd1-2006 (IEC 60898-1)	
5	Lamp controlgear Part 1: General and safety requirements Part 2-3: Particular requirements for a.c. supplied electronic ballasts for fluorescent lamp	SNI 04-6959.1-2003 (IEC 61347-1) SNI 04-6959.2.3-2003 (IEC 61347-2-3)	
6	Miniature circuit-breaker	SNI04-6507.1 Amd1-2006 (IEC 60898-1)	
7	PVC Insulated cables	SNI 04-6629.3 :2006 (IEC 60227-3) SNI 04-6629.4 :2006 (IEC 60227-4) SNI 04-6629.5 :2006 (IEC 60227-5)	
8	Primary Battery Part 1: General Part 2: Electrical and Physical Requirement for Dry Cell Batteries	SNI 04-2051.1-2004 (IEC 60086-1) SNI 04-2051.2-2004 (IEC 60086-2)	



MALAYSIA (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
1	Plug Top / Plugs - 13A Fused plugs - 15A Fused plugs - Adaptors (multiway) - Cable Connectors - Appliance Connectors - Integrated Adaptor	BS 1363: Part 1: 1995, Amd 1:1997, Amd 2: 2003, Amd 3: 2007, Amd 4: 2012 MS 1577: 2003 BS 1363:Part 3: 1995 + Amd 1: 1997 + Corr. 1: 2002 + Amd 2: 2003:+ Amd 3: 2007 + Amd 4: 2012 IEC 60998-1: 2002 Ed 2.0 IEC 60998-2-1: 2002 Ed 2.0 IEC 60998-2-2: 2002 Ed 2.0 IEC 60998-2-3: 2002 Ed 2.0 IEC 60998-2-4: 2004 Ed 2.0 IEC 60320-1: 2001 Ed 2.0 + Amd 1: 2007, 2007 Edtlon 2.1 MS 1144: 1998 BS5733:2010 + Amd 1 : 2014	Accreditation under the SAC-SINGLAS to ISO/IEC 17025: 2005 (Cert No: LA-2007-0385-E, Part 1 to 5) Date of Issue: 03 December 2014 Date of Expiry: 02 December 2018
2	Switches And Dimmers - General purpose switches - Electronic switches - Remote-control switches - Time Delay Switches	IEC 60669-1: 2007 Ed 3.2 IEC 60669-2-1: 2009 Ed 4.1 IEC 60669-2-2: 2006 Ed 3.0 IEC 60669-2-3: 2006 Ed 3.0	
3	Socket Outlets 15A and Below (With or Without ELCB / RCCB) - Electric Shaver Socket-Outlets - Isolating Transformer - 13A Portable Socket-Outlets - 13A Unswitched Switched Socket-Outlets	IEC 60742: 1983 + A1: 1992 IEC 61558-2-5: 2010 IEC 61558-2-6: 2009 BS 1363:Part 2: 1995, Amd 1: 1997, Amd 2: 2003, Amd 3: 2007, Amd 4: 2012 BS 1363: Part 2: 1995, Amd 1: 1997, Amd 2: 2003, Amd 3: 2007, Amd 4: 2012	



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No	Scope of Designation	Testing Standards	Basis for Designation
	<ul style="list-style-type: none"> - 15A Socket Outlets - AC-DC or AC-AC Converter Portable 2-Pin Socket-Outlets 	MS 1577: 2003 IEC 61558-2-6: 2009 IEC 60950: 2006 +A11: 2009 + A1: 2010 MS 1579: 2003	
4	Lamp holders <ul style="list-style-type: none"> - Lampholders for tubular fluorescent lamps - Stater holders for tubular fluorescent lamps 	IEC 60400: 2008 + A1: 2011 IEC 60400: 2008 + A1: 2011	
5	Fluorescent Lamps Fittings (Excluding Tubes If Imported Separately) <ul style="list-style-type: none"> - Fixed general purpose luminaires 	IEC 60598-1: 2008, 2014 IEC 60598-2-1: 1979 + A1: 1987	
6	Capacitors For Fluorescent Lamps <ul style="list-style-type: none"> - Capacitors for use in tubular fluorescent lamp circuit 	IEC 61048: 1999 IEC 61049: 1991	
7	Ballast For Fluorescent Lamps <ul style="list-style-type: none"> - Ballast for tubular fluorescent lamp - Electronic Ballast 	IEC 60920: 1990 + A1: 1993 + A2: 1995 IEC 60921: 2006 IEC 60928: 1999 IEC 60929: 2011 IEC 61000-3-2:2014	
8	Circuit Breakers (Including AC Current Operated Earth Leakage Circuit Breakers And Miniature Circuit Breakers) <ul style="list-style-type: none"> - Residual Current Circuit Breakers - Miniature Circuit Breaker (MCB) 	IEC 61008-1: 2013 Ed 3.2 IEC 60898-1: 2003 Ed 1.2 IEC 60898-2: 2003 Ed 1.1	



MALAYSIA (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
	- RCBO's - Fuse Base & Carrier up to 32A - Fuses/Fuse Links up to 63A - Switch Fuse up to 63A	IEC 61009-1: 2013 Ed 3.2 IEC 61009-2-1:1991 Ed 1.0 IEC 61009-2-2: 1991 Ed 1.0 IEC 60269-1: 2009 Ed 4.1 (Clause 8.1.5.1, 8.3, 8.4.3.1, 8.4.3.4) IEC 60269-2: 2013 Ed 5.0 (Clause 8.1.5.1, 8.3, 8.4.3.1, 8.4.3.4) IEC 60269-2-1 IEC 60269-1: 2009 Ed 4.1 (Clause 8.1.5.1, 8.3, 8.4.3.1, 8.4.3.4) IEC 60269-2: 2013 Ed 5.0 (Clause 8.1.5.1, 8.3, 8.4.3.1, 8.4.3.4) IEC 60269-2-1 IEC 60947-3: 2012 Ed 3.1	
9	Instantaneous Water Heaters (Including Heater Elements If Imported Separately) - Electric Storage Water Heaters	IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-21: 2012 (Ed. 6.0) with modification	
10	Hand Operated Hair Dryer - Electric Hair Dryers - Electric Hair Styling Sets	IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-23: 2012 (Ed. 5.2) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-23: 2012 (Ed. 5.2)	
11	Table Lamps Having Accessible Metal Parts - Electric Standing Lamps - Electric Table Lamps - Electric Hand Lamps	IEC 60598-1: 2008, 2014 IEC 60598-2-4: 1997 IEC 60598-2-8: 2013	



MALAYSIA (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
12	Electric Kettles (Including Heating Elements If Imported Separately) - Electric Coffee/ Tea Makers - Electric Deep Fryers - Electric Egg Boilers - Electric Jugs - Electrical Multi-purpose cookers - Electric Food Steamers - Electric Warming Plates - Electric Slow Cookers - Electric Steam Boats - Electric Built in Hobs	IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-15: 2012 (Ed. 6.0) IEC 60335-1: : 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-13: 2009 (Ed. 6) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-15: 2012 (Ed. 6.0) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-15: 2012 (Ed. 6.0) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-9: 2008 (Ed.6) IEC 60335-2-13: 2009 (Ed. 6) IEC 60335-2-15: 2012 (Ed. 6.0) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-15: 2012 (Ed. 6.0) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-12: 2008 (Ed. 5.1) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-15: 2012 (Ed. 6.0) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-15: 2012 (Ed. 6.0) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-36: 2008 (Ed. 5.2)	



MALAYSIA (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
	<ul style="list-style-type: none"> - Electric Kettles - Electric Airpots - Electric Steam Generator Appliances - Electric Aroma Vaporisers - Electric Heating Elements for Kettles 	IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-15: 2012 (Ed. 6.0) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-15: 2012 (Ed. 6.0) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-15: 2012 (Ed. 6.0) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-15: 2012 (Ed. 6.0) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-15: 2012 (Ed. 6.0)	
13	Electric Smoothing Irons <ul style="list-style-type: none"> - Electric Irons 	IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-3: 2012 (Ed.6.0)	
14	Electric Shavers (Excluding Battery Operated) <ul style="list-style-type: none"> - Electric Hair Clippers - Electric Shavers 	IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-8: 2013 IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-8: 2013	
15	Food Mixers / Blenders <ul style="list-style-type: none"> - Electric Blenders - Electric Choppers - Electric Food Processors - Electric Juice Extractors - Electric Grinders - Electric Mixers 	IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-14: 2012 (Ed. 5.2)	
16	Immersion Water Heater <ul style="list-style-type: none"> - Electric Fixed Immersion Heaters 	IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-73: 2009 (Ed.2.2)	



MALAYSIA (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
	- Portable Immersion Heater	IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-74: 2009 (Ed.2.2)	
17	Hi Fi Sets - Sub-woofer - Amplifier - Cassette Player - Equalizers/ Mixers - Hi-Fi System - Karaoke - Laser Disc Player - PA System - Portable HI-FI System - Portable Radio Cassette Player / Recorder - Radio - Radio Alarm - Tuner / Receiver - Turn tables / Record Players - Compact Disc Players	IEC 60065: 2014	
18	Mosquito Matt Vaporisers - Mosquito Matt Vaporisers	IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-101: 2008 (Ed. 1.1)	
19	Toasters - Electric Bread Makers - Electric Bread Toasters - Electric Portable Ovens - Electric Grillers - Electric Microwave Ovens - Electric Sandwich Makers / Waffle Makers	IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-9:2008 (Ed. 6) + Amd 1: 2012 (Ed. 6.1) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-25: 2010 (Ed. 6) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-9:2008 (Ed. 6) + Amd 1: 2012 (Ed. 6.1)	



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No	Scope of Designation	Testing Standards	Basis for Designation
20	<ul style="list-style-type: none"> - Electric Stationary Electric Ovens - Electric Roasters - Electric Induction hobs 	IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-6: 2014 (Ed. 6) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-9:2008 (Ed. 6) + Amd 1: 2012 (Ed. 6.1) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-6: 2014 (Ed. 6)	
21	<ul style="list-style-type: none"> Fans - Electric Air Coolers - Electric range hoods 	IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-98:2008 (Ed. 2.2) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-31: 2012 (Ed.5.0)	
22	<ul style="list-style-type: none"> Televisions - Television - Projection Television 	IEC 60065:2014	
23	<ul style="list-style-type: none"> Vacuum Cleaners - Carpet Cleaners - Vacuum Cleaners & Accessories 	IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-2: 2012 (Ed. 6.1)	
24	<ul style="list-style-type: none"> Video Players - Video compact disc players - Video Cassette Recorder / Players - Digital versatile disc players - Video Rewinder - Children Video Games 	IEC 60065: 2014	



MALAYSIA (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
25	Washing Machines - Electric Cloth Dryers - Electric Washing Machines	IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-43: 2008 (Ed. 3.2) with modification IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-7: 2012 (Ed. 7.1) with modification IEC 60335-2-4: 2012 (Ed. 6.1)	
26	Refrigerators - Electric Refrigerators - Electric Freezers - Electric Minibars	IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-24: 2012 (Ed. 7.1) with modification	
27	Electric Rice Cookers	IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-15: 2012 (Ed. 6.0)	
28	Christmas Light And Running Light - Lighting chains	IEC 60598-1: 2008, 2014 IEC 60598-2-20: 2010, 2014	
29	Domestic Power Tools - Electric Sewing Machines - Electric Soldering Irons - Portable Battery Chargers (up to 12V)	IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-28: 2008 (Ed. 4.1) IEC 60335-1 : 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-45: 2012 (Ed. 3.2) IEC 60335-1: 2010, Amd 1: 2013, Corr 1: 2014 (Ed. 5.1) IEC 60335-2-29: 2010 (Ed. 4.2)	



MALAYSIA (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
30	Wires/ Cables/ Cords (non-armoured) 0.5 sq mm to 35 sq mm - Insulated flexible cords and cables - PVC Insulated cable (non-armoured) for electric power and supply - Polyvinyl chloride insulated flexible cords - Rubber Insulated cord and flexible cables	BS 6500: 2000, Amd 1: 2002, Amd 2: 2004, Corr. 1: 2004, Corr. 2: 2006, Amd 3: 2005 BS 6004: 2000 + Amd 1: 2004 + Amd 2: 2005, 2012 BS 6004: 2000 + Amd 1: 2004 + Amd 2: 2005, 2012 IEC 60227-1: 1993 Ed 2.0 + A1: 1995 + A2: 1998, 1998 Ed 2.2, 2007 Ed 3.0 IEC 60227-5: 1997 Ed 2.0, A1: 1997, A2: 2003, 2003 Ed 2.2, 2011 Ed 3.0 BS 6004:2000 + Amd 1: 2004 + Amd 2: 2005, 20 IEC 60227-1: 1993 Ed 2.0 + A1: 1995 + A2: 1998, 1998 Ed 2.2, 2007 Ed 3.0 IEC 60227-4: 1992 Ed 2.0, Amd 1: 1997, 1997 Ed 2.1	
	- Recessed Luminaires - Lampholders/ Starterholders - Glow-starter for tubular fluorescent	IEC 60598-1 IEC 60598-2-2 IEC 60400 IEC 60155	



PHILIPPINES (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis of Designation
1	Ballast for tubular fluorescent lamps	IEC 60920:1990 Amd. 01:1993 Amd. 02:1995 PNS 12-1:1996 Amd. 02:1997	Accreditation under the SAC-SINGLAS to ISO/IEC 17025: 2005 (Cert No: LA-2007-0385-E, Part 1 to 5) Date of Issue: 03 December 2014 Date of Expiry: 02 December 2018
2	Safety of Power Transformer, Power Supply Units and similar devices	IEC 61558-1: 1998 (PNS IEC 61558-1: 2002)	
3	Lamp holders and starter holders for tubular fluorescent lamps	IEC 60400: 1996 PNS 42:1997	
4	Glow-starters for fluorescent lamps	IEC 60155:1993 Amd. 01:1995 PNS 45:1997 Amd. 01:1997	
5	AC supplied electronic ballast for tubular fluorescent lamps	IEC 60928: 1995 PNS 135-1:1997	
6	Electric Irons	IEC 60335-2-3: 1993 + Amd 1999 PNS 254-1:1994 Amd 01:2000	
7	Appliances for heating liquids	IEC 60335-2-15: 1995 PNS 255:1996	
8	Household appliances – mains operated electronic appliance	PNS IEC 60065:2007 (IEC Pub. 2001)	
9	Toasters, grills, roasters and similar appliances	IEC 60335-2-9: 1993 PNS 272:1996	
10	Self-ballasted lamps for general lighting services - Safety	IEC 60968:1988 Amd. 01:1991 Amd. 02:1999 PNS 603-1:1993 Amd. 01:2001	
11	General Requirements for safety of household and similar electrical appliances	IEC 60335-1: 1991 Amd.1: 1994 PNS 1079:1994	
12	Vacuum cleaners and water suction cleaning appliances	IEC 60335-2-2: 1993 PNS 1169:1993	
13	Kitchen machines	IEC 60335-2-14: 1984 PNS 1244:1994	
14	Luminaires	IEC 60598-1: 1992 PNS 1328:1996	



PHILIPPINES (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis of Designation
15	Plugs and socket outlets for households and similar purposes – General requirements	IEC 60884-1: 1994 PNS 1486-1:1996	
16	Storage water heaters	IEC 60335-2-21: 1989 Amd 01& 02: 1990 Amd 03:1992 PNS 1558:1997 Amds. 01,02 & 03:1997	
17	Capacitors for use in tubular fluorescent and other discharge lamps circuits	IEC 61048: 1991 PNS 1574:1997	
18	Spin extractors	IEC 60335-2-4: 1993 PNS 1680:1998	
19	Stationary cooking ranges, hobs, ovens and similar appliances	IEC 60335-2-6:1997 Amd. 01:2000 PNS IEC 60335-2-6: 2000 Amd. 01:2001	
20	Refrigerating appliances and ice makers	IEC 60335-2-24:2000 PNS IEC 60335-2-24: 2001 Amd.1:2003	
21	Microwave ovens	IEC 60335-2-25: 1996 PNS IEC 60335-2-25:2000	
22	Range hoods	IEC 60335-2-31: 1995 PNS IEC 60335-2-31:2000	
23	Massage appliances	IEC 60335-2-32: 1993 Amd 01: 1999 PNS IEC 335-2-32:2000	
24	Motor compressors	IEC 60335-2-34: 1996 PNS IEC 60335-2-34:2000	
25	Instantaneous water heaters	IEC 60335-2-35: 1997 PNS IEC 60335-2-35:2000	



Annex to Certificate of Designation as Listed Testing Laboratory of ASEAN EE MRA under the ASEAN EE MRA:

Validity Period of Designation: 26 September 2017 to 02 December 2018

Listed by ASEAN since 4 October 2004

PHILIPPINES (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis of Designation
26	Electrical heat pumps air-conditioners and dehumidifiers	IEC 60335-2-40:1995 Amd. 01:2000 PNS IEC 60335-2-40:2000 Amd. 01:2001 Amd. 02:2003	
27	Portable immersion heaters	IEC 60335-2-74: 1994 PNS IEC 60335-2-74:2000	
28	Fans	IEC 60335-2-80: 1997 PNS IEC 60335-2-80:2000	
29	Switches for domestic and similar purposes	IEC 60669-1: 1993 Amd 01: 1994 Amd 02: 1995 (PNS 1485-1: 1996 Amd 01 & 02: 1996)	
30	Low voltage switchgear and Controlgear – Part 2: Circuit Breaker	IEC 60947-2: 1995 (PNS 1573-2: 1997)	
31	Washing Machines	IEC 60335-2-7: 2000 PNS IEC 60335-2-7: 2000 (IEC Pub 1998)	
32	Polyvinyl Chloride Insulated flexible cords	PNS 163: 1994	
33	PVC insulated electric copper wires and cables	PNS 35: 1996	
34	PVC tapes for electrical insulation	PNS 79: 1992	
35	Electric wires and cables – Thermoplastic insulated copper wires & cables rated 600 V Part 1: General Specifications	PNS 35-1: 2004	
36	Audio, Video product	PNS IEC 60065: 2007	



PHILIPPINES (Performance Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis of Designation
1	Ballast for tubular fluorescent lamps, Performance	IEC 60921:1990 Amd. 01:1990 Amd. 02:1994 PNS 12-2:1996 Amd. 01 & 02:1997	Accreditation under the SAC-SINGLAS to ISO/IEC 17025:2005 (Cert No: LA-2007-0385-E, Part 1 to 5) Date of Issue: 03 December 2014 Date of Expiry: 02 December 2018
2	AC supplied electronic ballast for tubular fluorescent lamps - Performance	IEC 60929:1990 Amd. 01:1994 & 02:1996 PNS 135-2:1993 Amd. 01 & 02: 1997	
3	Capacitors for use in tubular fluorescent and other discharge lamps circuits - Performance	IEC 61049:1991 PNS 1575:1997	
4	Double capped fluorescent lamps - Performance	IEC 60081: 1997 PNS IEC 60081: 2001	
5	Non-ducted air conditioners and Electrical Heat Pumps - Testing and rating for Performance	ISO 5151: 1994 (PNS 240: 1998)	
6	Self-Ballasted Lamps - Performance	IEC 60969: 1988 (PNS 603-2: 1993 Amd 1: 2001)	
7	Single-capped fluorescent Lamps - Performance	IEC 60901: 1992 (PNS 1261: 1995)	
8	Tungsten filament lamps for domestic and similar general lighting purposes	PNS 38-2:1995 IEC 64: 1993	



THAILAND (EMC Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
1	Lighting and similar equipment: radio disturbance limits	TIS 1955-2551 (2008)	Accreditation under the SAC-SINGLAS to ISO/IEC 17025: 2005 (Cert No: LA-2007-0385-E, Part 1 to 5) Date of Issue: 03 December 2014 Date of Expiry: 02 December 2018

THAILAND (Energy Efficiency Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
1	Household Refrigerators: Environmental requirements Energy Efficiency	TIS 2186-2547: 2004	Accreditation under the SAC-SINGLAS to ISO/IEC 17025: 2005 (Cert No: LA-2007-0385-E, Part 1 to 5) Date of Issue: 03 December 2014 Date of Expiry: 02 December 2018



THAILAND (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
1	Incandescent lamps	TIS 4 Part 1-2529: 1986	Accreditation under the SAC-SINGLAS to ISO/IEC 17025: 2005 (Cert No: LA-2007-0385-E, Part 1 to 5) Date of Issue: 03 December 2014 Date of Expiry: 02 December 2018
2	Fluorescent lamps	TIS 956-2533: 1990	
3	PVC Insulated copper cables	IEC 60227-1 Ed 3.0 (2007) with modifications* <u>Addition: Subclause 3.4 Packaging</u> <u>Modification Subclause 4.1.2</u> Replace "-two-core cable: no prefer colour scheme;" with "-two-core cable: blue brown scheme;" IEC 60227-2 Ed 2.0 (1997) Amd 1 (2003) IEC 60227-3 Ed 2.1 (1997) IEC 60227-4 Ed 3. (1997) IEC 60227-5 Ed 2.2 (2003)	
4	Mains operated electronic and related apparatus for household and similar general use	TIS 1195-2536: 1993	
5	Ballast for fluorescent lamps	TIS 23-2521: 1978	
6	Tumbler dryers	TIS 1389-2539: 1996	
7	Starters for fluorescent lamps	IEC 60155 Ed 4.0 Amd 1 (1995)	
8	Washing machine	IEC 60335-2-7: 2012 Ed 7.1	
9	Electric Irons	TIS 366-2547: 2004	
10	Electric Thermo pots	TIS 2062-2543: 2000	



THAILAND (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
11	Instantaneous water heaters	TIS 1693-2547: 2004 TIS 1375-2547: 2004 with modifications* <u>Subclause 24.4</u> In the first paragraph, add words "TIS 166, TIS 1234" before words "IEC 60083 or IEC 60906-1" <u>Subclause 25.25</u> In the last sentence of the first paragraph, replace words "IEC 60083" with "TIS 166 and TIS 1234"	
12	Microwave oven	TIS 1773-2548: 2005	



THAILAND (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
13	Household Refrigerators	<p>TIS 2214-2548: 2005 with modifications*</p> <p>Subclause 5.7 Addition "Appliance used in Thailand are tested at the ambient temperature for appliances used in warm damp equable climates"</p> <p>Subclause 6.1 Addition "Appliances used in Thailand shall be Class OI, Class I, Class II and Class III"</p> <p>TIS 1375-2547: 2004 with modifications*</p> <p>Subclause 24.4 In the first paragraph, add words "TIS 166, TI 1234" before word "IEC 60083 or IEC 60906-1"</p> <p>Subclause 25.25 In the last sentence of the first paragraph, replace words "IEC 60083" with "TIS 166 and TIS 1234"</p>	
14	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	TIS 2217-2548: 2005	
15	Appliances for skin or hair care	TIS 1985-2549: 2006	



VIETNAM (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
1	Electric Iron	IEC 60335-1: 2010 (TCVN 5699-1: 2010) IEC 60335-2-3: 2008 (TCVN 5699-2-3: 2010)	Accreditation under the SAC-SINGLAS to ISO/IEC 17025: 2005 (Cert No: LA-2007-0385-E, Part 1 to 5) Date of Issue: 03 December 2014 Date of Expiry: 02 December 2018
2	Electric Kettle	IEC 60335-1: 2010 (TCVN 5699-1: 2010) IEC 60335-2-15: 2005 (TCVN 5699-2-15: 2007)	
3	Rice Cooker	IEC 60335-1: 2010 (TCVN 5699-1: 2010) IEC 60335-2-15: 2005 (TCVN 5699-2-15: 2007)	
4	Storage Water Heater	IEC 60335-1: 2010 (TCVN 5699-1: 2010) IEC 60335-2-21: 2005 (TCVN 5699-2-21: 2007)	
5	Electric Hair Dryer	IEC 60335-1: 2010 (TCVN 5699-1: 2010) IEC 60335-2-23: 2005 (TCVN 5699-2-23: 2007)	
6	Microwave Oven	IEC 60335-1: 2010 (TCVN 5699-1: 2010) IEC 60335-2-25: 2005 (TCVN 5699-2-25: 2007)	
7	Instantaneous Water Heater	IEC 60335-2-35: 2005 (TCVN 5699-2-35: 2007)	
8	Table or Standing Fans	IEC 60335-1: 2010 (TCVN 5699-1: 2010) IEC 60335-2-80: 2005 (TCVN 5699-2-80: 2007)	
9	Wall Fan	IEC 60335-1: 2010 (TCVN 5699-1: 2010) IEC 60335-2-80: 2005 (TCVN 5699-2-80: 2007)	



VIETNAM (Safety Regime) Designated Testing Laboratory - TÜV SÜD PSB Pte Ltd -			
No	Scope of Designation	Testing Standards	Basis for Designation
10	Ceiling Fan	IEC 60335-1: 2010 (TCVN 5699-1: 2010) IEC 60335-2-80: 2005 (TCVN 5699-2-80: 2007)	
11	PVC Insulated Copper Cables	IEC 60227-1: 2007 IEC 60227-3: 1997 IEC 60227-4: 1997 IEC 60227-5: 2003	
12	Electric Immersion Sticks	IEC 60335-2-74: 2006	



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