



**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 certification 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.

TUV SUD PSB Pte Ltd at 15 International Business Park, TUV SUD @ IBP, 609937 Singapore as listed certification body for Brunei Darussalam, Cambodia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam.

***This listing was made on 15 August 2021***

**JOINT SECTORAL COMMITTEE FOR ELECTRICAL AND ELECTRONIC EQUIPMENT.**

(Ms. Doan Thi Thanh Van)  
Chair

(Mr. Mao Thira)  
Vice-Chair

## SCOPE OF DESIGNATION

TUV SUD PSB Pte Ltd as listed certification body for Brunei Darussalam, Cambodia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam.

Contact Address: 15 International Business Park, TUV SUD @ IBP, 609937  
Singapore  
Tel: +65 6885 1354  
Fax: +603 61570469

Contact Person: Mrs Chay-Lee Swee Gee  
Designation: Vice President  
E-mail: [swee-gee.chay@tuv-sud-psb.sg](mailto:swee-gee.chay@tuv-sud-psb.sg)

<b>BRUNEI DARUSSALAM</b>		
<b>Accreditation Basis:</b> SAC Accreditation Scheme Certificate Number: PD-2002-01		
<b>Designated Date:</b> 15 August 2021 – 14 August 2024		
<b>Designated Certification Body:</b> TUV SUD PSB Pte Ltd		
No	Scope of Designation	Certification standards
1	Adaptor – for electronic, electrical, computer and telephonic appliances	IEC 60742 IEC 61558-2-6 IEC 60065 IEC 60950
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

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<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
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
23	Toaster, grill, roaster, hot plate, deep fryer, wok and similar appliances <ul style="list-style-type: none"><li>• for hot plate and similar appliances</li><li>• for toaster, grill, oven and similar appliances</li><li>• for deep fryer, electric wok and similar appliances</li></ul>	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 & SS 227: Part 1

**CAMBODIA****Accreditation Basis:** SAC Accreditation Scheme Certificate Number: PD-2002-01**Designated Date:** 15 August 2021 – 14 August 2024**Designated Certification Body:** TUV SUD PSB Pte Ltd

<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
1	Adaptor	IEC 60742 IEC 61558-2-6 IEC 60065 IEC 60950 IEC 60950-1
2	Air cooler	IEC 60335-1 IEC 60335-2-98
3	Audio product	IEC 60065
4	Coffee maker, slow cooker, steam boat and similar appliances, Electric fryers	IEC 60335-1 IEC 60335-2-15
5	Cooking range	IEC 60335-1 IEC 60335-2-6
6	Decorative lighting fixture, Lighting Chains	IEC60598-1 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 IEC 60950-1
10	Immersion water heater	IEC 60335-1 IEC 60335-2-74
11	Electric Iron	IEC 60335-1 IEC 60335-2-3
12	Kettle	IEC 60335-1 IEC 60335-2-9 IEC 60335-2-13 IEC 60335-2-15
13	Laser disc set	IEC 60065
14	Microwave oven	IEC 60335-1 IEC 60335-2-25
15	Mixer, blender, mincer and similar appliances	IEC 60335-1 IEC 60335-2-14
16	Mobile split air-conditioner, Electric Heat Pumps, Water Pump	IEC 60335-1 IEC 60335-2-40
17	Refrigerator	IEC 60335-1 IEC 60335-2-24

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<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
18	Rice Cooker	IEC 60335-1 IEC 60335-2-15
19	Room air-conditioner	IEC 60335-1 IEC 60335-2-40
20	Electric Lamps	IEC 60598-1 IEC 60598-2-4 IEC 60064 IEC 60081 IEC 60968 IEC 60598-2-8
21	Table or standing fan	IEC 60335-1 IEC 60335-2-80
22	Television or video display unit	IEC 60065
23	Toaster, grill, roaster, hot plate, deep fryer, wok and similar appliances <ul style="list-style-type: none"><li>• for hot plate and similar appliances</li><li>• for toaster, grill, oven and similar appliances</li><li>• for deep fryer, electric wok and similar appliances</li></ul>	IEC 60335-1 IEC 60335-2-6 IEC 60335-2-9 IEC 60335-2-13
24	Vacuum Cleaner	IEC 60335-1 IEC 60335-2-2
25	Video cassette recorder	IEC 60065
26	<ul style="list-style-type: none"><li>• Wall fan</li><li>• Ceiling fan</li></ul>	IEC 60335-1 IEC 60335-2-80
27	Washing Machine	IEC 60335-1 IEC 60335-2-4 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	Sewing Machine	IEC 60335-1 IEC 60335-2-28
31	Electric Drill	IEC 60745-1 IEC 60745-2-1
32	Electric Circular Saws and Circular Knives	IEC 60745-1 IEC 60745-2-5
33	Electric Shavers	IEC 60335-1 IEC 60335-2-8

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<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
34	Electric Soldering Irons	IEC 60335-1 IEC 60335-2-45
35	Electric Instantaneous or Storage Water Heater and Immersion	IEC 60335-1 IEC 60335-2-21
36	Electrical Fixed Immersion Heaters	IEC 60335-1 IEC 60335-2-73
37	General Purpose Switches	IEC 60669-1
38	Miniature Circuit Breaker	IEC 60898-1 IEC 60898-2
39	Plug	IEC 60884-1 BS 1363-1 BS 1363-3 BS 546
40	Socket Outlet	IEC 60884-1 BS 1363-2
41	Appliance Connectors	IEC 60320-1
42	Rubber Insulated Cables <ul style="list-style-type: none"><li>• Rated voltages up to and including 450/750 V.</li></ul>	IEC 60245-1
43	PVC Insulated Copper Cable	IEC 60227-1 IEC 60227-4 IEC 60227-5
44	Starterholder for tubular fluorescent lamps	IEC 60400
45	PVC Insulated and sheathed flexible cable with 1000V rated voltage	IEC 60502-1
46	Ballasts (Electronic)	IEC 60928 IEC 60929

## INDONESIA

**Accreditation Basis:** SAC Accreditation Scheme Certificate Number: PD-2002-01

**Designated Date:** 15 August 2021 – 14 August 2024

**Designated Certification Body:** TUV SUD PSB Pte Ltd

No	Scope of Designation	Certification standards
1	Self-ballast lamp for general lighting service	SNI 04-6504-2001 (IEC 60968: 1988 Ed 1)
2	Switches for household and similar fixed-electrical. Part 1: General requirements	IEC 60669-1: 2000 Ed 3.1 IEC 60669-1: 2017 Ed 4
3	Circuit breakers for over current protection for household and similar installation. Part 1: Circuit breaker for ac operated	IEC 60898-1: 2003 Ed 1.2 IEC 60898-1: 2015 Ed 2
4	Lamp control gear. Part 1: General and	IEC 61347-1: 2000 Ed 1
5	Lamp control gear. Part 2-3: Particular requirements for ac supplied electronic ballasts for fluorescent lamps	IEC 61347-2-3: 2000 Ed 1
6	PVC insulated cables with a rated voltage up to 450/750 V. Part 3: Non- sheated cables for fixed wiring	SNI 04-6629.3 :2006
7	PVC insulated cables with a rated voltage up to 450/750 V. Part 4: Sheated cables for fixed wiring	SNI 04-6629.4 :2006
8	PVC insulated cables with a rated voltage up to 450/750 V. Part 5: Flexible cables	SNI 04-6629.5 :2006
9	Primary Battery. Part 1: General	IEC 60086-1: 2000
10	Primary Battery. Part 2: Electrical and Physical Requirement	IEC 60086-2: 2000
11	Incandescent lamps	IEC 60064 Ed 6.3 (2005)
12	Residual current operated circuit - breakers without integral overcurrent protection for household and similar uses (RCCB). Part 1: General rules	IEC 61008-1: 1996
13	Residual current operated circuit- breakers without integral overcurrent protection for household and similar uses (RCCB's). Part 2-1: Applicability of the general rules to RCCB's functionally independent of line voltage	IEC 61008-2-1: (1990)
14	Luminaires - Part 1: General requirements and tests	IEC 60598-1: Ed 6.0 (2003)
15	Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires	IEC 60598-2-1 Ed 1.0 (1979), AM 1 (1987)
16	Luminaires - Part 2-2: Particular requirements - Recessed luminaires	IEC 60598-2-2 Ed 2 (1997)

**INDONESIA**

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**Designated Certification Body:** TUV SUD PSB Pte Ltd

<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
17	Luminaires - Part 2-3: Particular requirements - Luminaires for road and street lighting	IEC 60598-2-3: 2002
18	Luminaires - Part 2-5: Particular requirements – Floodlights	IEC 60598-2-5: (1996)
19	Safety of household and similar electrical appliances — Part 2-41: Particular requirements for pumps	SNI 04-6292.2.41: 2003
20	Household and similar electrical appliances – Safety – Part 2-3: Particular requirements for electric irons	SNI 04-6292.2.3: 2003
21	Audio, video and similar electronic apparatus —Safety requirements	SNI 04-6253: 2003
22	Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers	IEC 60335-2-40: Ed 3.0 (2002)
23	Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers	IEC 60335-2-24: Ed 5.0
24	Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines	IEC 60335-2-7: Ed 5.0 (2000)



**LAO PDR**

**Accreditation Basis:** SAC Accreditation Scheme Certificate Number: PD-2002-01

**Designated Date:** 15 August 2021 – 14 August 2024

**Designated Certification Body:** TUV SUD PSB Pte Ltd

<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
1	Adaptor	IEC 60742 IEC 61558-2-6 IEC 60065 IEC 60950 IEC 60950-1
2	Air cooler	IEC 60335-1 IEC 60335-2-98
3	Audio product	IEC 60065
4	Coffee maker, slow cooker, steam boat and similar appliances, Electric fryers	IEC 60335-1 IEC 60335-2-15
5	Cooking range	IEC 60335-1 IEC 60335-2-6
6	Decorative lighting fixture, Lighting Chains	IEC60598-1 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 IEC 60950-1
10	Immersion water heater	IEC 60335-1 IEC 60335-2-74
11	Electric Iron	IEC 60335-1 IEC 60335-2-3
12	Kettle	IEC 60335-1 IEC 60335-2-9 IEC 60335-2-13 IEC 60335-2-15
13	Laser disc set	IEC 60065
14	Microwave oven	IEC 60335-1 IEC 60335-2-25
15	Mixer, blender, mincer and similar appliances	IEC 60335-1 IEC 60335-2-14
16	Mobile split air-conditioner, Electric Heat Pumps, Water Pump	IEC 60335-1 IEC 60335-2-40
17	Refrigerator	IEC 60335-1 IEC 60335-2-24

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<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
18	Rice Cooker	IEC 60335-1 IEC 60335-2-15
19	Room air-conditioner	IEC 60335-1 IEC 60335-2-40
20	Electric Lamps	IEC 60598-1 IEC 60598-2-4 IEC 60064 IEC 60081 IEC 60968 IEC 60598-2-8
21	Table or standing fan	IEC 60335-1 IEC 60335-2-80
22	Television or video display unit	IEC 60065
23	Toaster, grill, roaster, hot plate, deep fryer, wok and similar appliances <ul style="list-style-type: none"><li>• for hot plate and similar appliances</li><li>• for toaster, grill, oven and similar appliances</li><li>• for deep fryer, electric wok and similar appliances</li></ul>	IEC 60335-1  IEC 60335-2-6 IEC 60335-2-9 IEC 60335-2-13
24	Vacuum Cleaner	IEC 60335-1 IEC 60335-2-2
25	Video cassette recorder	IEC 60065
26	<ul style="list-style-type: none"><li>• Wall fan</li><li>• Ceiling fan</li></ul>	IEC 60335-1 IEC 60335-2-80
27	Washing Machine	IEC 60335-1 IEC 60335-2-4 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	Sewing Machine	IEC 60335-1 IEC 60335-2-28
31	Electric Drill	IEC 60745-1 IEC 60745-2-1
32	Electric Circular Saws and Circular Knives	IEC 60745-1 IEC 60745-2-5
33	Electric Shavers	IEC 60335-1 IEC 60335-2-8

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<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
34	Electric Soldering Irons	IEC 60335-1 IEC 60335-2-45
35	Electric Instantaneous or Storage Water Heater and Immersion	IEC 60335-1 IEC 60335-2-21
36	Electrical Fixed Immersion Heaters	IEC 60335-1 IEC 60335-2-73
37	General Purpose Switches	IEC 60669-1
38	Miniature Circuit Breaker	IEC 60898-1 IEC 60898-2
39	Plug	IEC 60884-1 BS 1363-1 BS 1363-3 BS 546
40	Socket Outlet	IEC 60884-1 BS 1363-2
41	Appliance Connectors	IEC 60320-1
42	Rubber Insulated Cables • Rated voltages up to and including 450/750 V.	IEC 60245-1
43	PVC Insulated Copper Cable	IEC 60227-1 IEC 60227-4 IEC 60227-5
44	Starterholder for tubular fluorescent lamps	IEC 60400
45	PVC Insulated and sheathed flexible cable with 1000V rated voltage	IEC 60502-1
46	Ballasts (Electronic)	IEC 60928 IEC 60929

**MALAYSIA**

**Accreditation Basis:** SAC Accreditation Scheme Certificate Number: PD-2002-01

**Designated Date:** 15 August 2021 – 14 August 2024

**Designated Certification Body:** TUV SUD PSB Pte Ltd

No	Scope of Designation	Certification standards
1	Switches and Dimmers <ul style="list-style-type: none"> <li>• General purpose switches</li> <li>• Door bell and Chime</li> <li>• Electronic Switch</li> <li>• Remote-control Switch</li> <li>• Time Delay Switch</li> </ul>	IEC 60669-1:2007  IEC 61558-1: 2009 IEC 61558-2-8: 2010 IEC 60669-1:2007 IEC 60669-2-1: 2002 Ed 4 Amd 1: 2008 Amd 2: 2015 IEC 60669-1:2007 IEC 60669-2-2: 2006 IEC 60669-1:2007 IEC 60669-2-3: 2006
2	Plug Top (a) Plug <ul style="list-style-type: none"> <li>• Flat Non-Rewirable Two Pole Plug with supply cord</li> <li>• 13 A Fused Plug</li> <li>• 15 A Plug</li> </ul> (b) Coupler <ul style="list-style-type: none"> <li>• Appliance Coupler</li> <li>• Interconnection Coupler</li> </ul> (c) Adaptor <ul style="list-style-type: none"> <li>• Adaptor (Multiways)</li> <li>• Travel Adaptor</li> </ul> (d) Connector <ul style="list-style-type: none"> <li>• Electrical Connector</li> <li>• Connecting device with screw type clamping unit</li> <li>• Connecting device with screw-less type clamping unit</li> <li>• Connecting device with insulation-piercing clamping units</li> <li>• Twist-on connecting device</li> </ul>	MS 1578: 2003 BS EN 50075: 1991 BS1363:PT.1:1995+ A1, A2, A3  MS 1577: 2003  IEC 60320-1: 2007 IEC 60320-1: 2007  BS 1363: PT.3: 1995  IEC 60884-1: 2006 IEC 60884-2-5: 1995  IEC 60998-1: 2002 IEC 60998-1: 2002 IEC 60998-2-1: 2002 IEC 60998-1: 2002 IEC 60998-2-2: 2002 IEC 60998-1: 2002 IEC 60998-2-3: 2002  IEC 60998-1: 2002 IEC 60998-2-4: 1993 Ed 1 IEC 60998-2-4: 2004 Ed 2

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<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
3	Socket Outlet  (a) Electric Shaver Socket Outlet  (b) 13A Switch & unswitch socket outlet  (c) 15A socket outlet & plug	IEC 61558-1: 2009 IEC 61558-2-5: 2010  BS 1363: PT.2:1995+ A1, A2, A3  MS 1577: 2003
4	Fluorescent Lampholder/ Starter Holder  (a) Lamp Holder  (b) Starter Holder	IEC 60400: 2004  IEC 60400: 2004
5	Bayonet Cap and Multiways Adaptor – Bayonet cap Lamp holder	IEC 61184: 1997 Amd 1:2000 Amd 2: 2004
6	Lamp Fitting (a) Luminaires <ul style="list-style-type: none"> <li>• Fixed general purpose luminaires (excluding tube/ Bulb)</li> <li>• Batten Luminaries (excluding Tube/ Bulb)</li> <li>• Luminaries with self ballasted florescent lamp</li> <li>• Recessed Luminaires (excluding Tube/ Bulb)</li> </ul> (b) Glow Starter <ul style="list-style-type: none"> <li>• Glow Starter for tubular fluorescent</li> </ul> (c) Self-ballasted Compact Fluorescent Lamp  (d) LED Lighting <ul style="list-style-type: none"> <li>• Lamp controlgear</li> <li>• Lampholder</li> </ul>	IEC 60598-1:2008 IEC 60598-2-1:1987  IEC 60598-1: 2008 IEC 60598-2-2: 2011  IEC 60155: 2006  IEC 60968: 1999 IEC 60969: 2001  IEC 61347-1: 2010 IEC 61347-2-13: 2006 IEC 60838-1:2004 IEC 60838-2-2: 2006

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<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
7	Ballast/ Control Gear/ Driver form Lamp (a) Ballast <ul style="list-style-type: none"> <li>• Magnetic Ballast for tabular fluorescent lamp</li> <li>• Electronic Ballast for fluorescent lamp</li> </ul> (b) Control Gear	IEC 61347-1:2010 IEC 61347-2-8:2000 IEC 60921: 2006 IEC 61347-1:2010 IEC 61347-2-3:2000 IEC 60929: 2011 IEC 61000-3-2: 2009  IEC 61347-1: 2010
8	Circuit Breakers (Including AC Current Operated Earth Leakage Circuit Breakers and Miniature Circuit Breakers) (a) Residual Current Circuit Breakers (RCCB) <ul style="list-style-type: none"> <li>• Residual Current Circuit Breakers (RCCB)</li> <li>• Residual Current Breaker with Overcurrent Protection (RCBO)</li> </ul> (b) Fuse <ul style="list-style-type: none"> <li>• Miniature Circuit Breaker (MCB) for ac supply</li> <li>• Miniature Circuit Breaker (MCB) for ac &amp; dc supply</li> </ul>	IEC 61008-1:2010 IEC 61008-2-1: 1990 or IEC 61008-1: 2010 IEC 61008-2-2: 1990  IEC 61009-1:2010 IEC 61009-2-1: 1991 Or IEC 61009-1: 2010 IEC 61009-2-2: 1991  IEC 60898-1: 2003  IEC 60898-2: 2003
9	Portable Luminaire Lamp (a) Table/Standing lamp with detachable or non-detachable mains supply flexible cord, Table/Standing Lamp & Adaptor, portable LED Lamp	IEC 60598-1: 2008 IEC 60598-2-4: 1997

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<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
	(b) Night Lamp integral with direct in plug  (c) Hand Lamp & Adaptor	IEC 60598-1: 2008 IEC 60598-2-12: 2006 IEC 60598-1-2008 IEC 60598-2-8: 2007
10	Instantaneous Water Heaters (Including Heater Elements If Imported Separately) (a) Instantaneous Water Heaters  (b) Electric Storage Water Heaters	IEC 60335-1:2010 IEC 60335-2-35:2006 with modification  IEC 60335-1:2010 IEC 60335-2-21:2012 with modification
11	Hand Operated Hair Dryer / Haircare / Skin care – Hair Dryer, Hair Styling Set, Hand Dryer, Ionic Facial Steamer or similar to it.	IEC 60335-1:2010 IEC 60335-2-23:2003
12	Shaver, Hair Clippers	IEC 60335-1:2010 IEC 60335-2-8: 1992 + A1
13	Table Lamps Having Accessible Metal Parts (a) Electric Standing Lamps  (b) Electric Table Lamps	IEC 60598-1:2008 IEC 60598-2-4:1997 IEC 60598-1:2008 IEC 60598-2-4:1997
14	Kettle including Heating Elements If Supplied Separately – Heating Liquids such as: Electric Coffee/ Tea Makers, food steamers, egg boiler, jug, slow cooker, steamboat, kettle, airpot, bottle warmer, sterilizer	IEC 60335-1:2010 IEC 60335-2-15:2012
15	Electric Deep Fryers	IEC 60335-1:2010 IEC 60335-2-13:2009
16	Electrical Multi-purpose cookers	IEC 60335-1:2010 IEC 60335-2-9:2008 IEC 60335-2-13:2009 IEC 60335-2-15:2012

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<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
17	Water Dispenser (a) Water Dispenser – Hot & Cold  (b) Water Dispenser – Cold  (c) Water Dispenser/ Filter  (d) Water Dispenser – Hot	IEC 60335-1:2010 IEC 60335-2-15: 2012 IEC 60335-2-24: 2010 IEC 60335-1:2010 IEC 60335-2-24: 2010 IEC 60335-1:2010  IEC 60335-1:2010 IEC 60335-2-15: 2012
18	Built in Hob	IEC 60335-1: 2010 IEC 60335-2-6: 2008
19	Electric Warming Plates	IEC 60335-1: 2010 IEC 60335-2-12: 2008
20	Iron – Electric Irons	IEC 60335-1: 2010 IEC 60335-2-3: 2004
21	Kitchen Machine – Blender, Chopper, Food Processor, Juice Extractor, Grinder, Mixer	IEC 60335-1:2010 IEC 60335-2-14:2008
22	Immersion Water Heater (a) Fixed Immersion Heater  (b) Portable Immersion Heater	IEC 60335-1:2010 IEC 60335-2-73:2009 IEC 60335-1:2010 IEC 60335-2-74:2006
23	Vaporisers – Mosquito Matt Vaporisers, Aroma Vapor (eg. Air Freshener)	IEC 60335-1:2010 IEC 60335-2-101:2008
24	Toasters/ Oven (Cooking Appliances) (a) Stationary Electric Oven, Induction Hob  (b) Bread Maker, Bread Toaster, Portable Oven, Induction Cooker, Grill, Sandwich Maker/ Waffle Maker, Roaster  (c) Microwave Oven	IEC 60335-1: 2010 IEC 60335-2-6: 2008 IEC 60335-1: 2010 IEC 60335-2-9: 2008  IEC 60335-1: 2010 IEC 60335-2-25: 2010



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<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
25	Fans (a) Moving-louver fan, Ceiling fan, Auto fan, Pedestal fan, Table fan, Wall fan & applies to their separate regulators and with blade (b) Ventilating fan, Decorative fan & applies to their separate regulators and fan without blade (c) Range Hood (d) Cleaning Appliances (eg. Air Purifier) (e) Humidifiers (eg. Air Cooler)	IEC 60335-1: 2010 IEC 60335-2-80: 2008 with modification  IEC 60335-1: 2010 IEC 60335-2-80: 2008  IEC 60335-1: 2010 IEC 60335-2-31: 2008  IEC 60335-1: 2010 IEC 60335-2-65: 2008  IEC 60335-1: 2010 IEC 60335-2-98: 2008
26	Vacuum Cleaners – Vacuum Cleaner, Water Suction Cleaning	IEC 60335-1: 2010 IEC 60335-2-2: 2004
27	Washing Machines (a) Washing Machine with Dryer (b) Washing Machine with separate spin container (c) Tumbler Dryers (d) Cloth Dryers (on rack located) (e) Dish Washer and other utensils	IEC 60335-1: 2010 IEC 60335-2-7: 2016 with modification  IEC 60335-1: 2010 IEC 60335-2-4: 2004 IEC 60335-2-7: 2016 with modification  IEC 60335-1: 2010 IEC 60335-2-11: 2012  IEC 60335-1: 2010 IEC 60335-2-43: 2008  IEC 60335-1: 2010 IEC 60335-2-5: 2005
28	Refrigerators – Electric Refrigerators, Electric Freezers, Electric Minibars	IEC 60335-1:2010 IEC 60335-2-24:2005 with modification
29	Electric Rice Cookers	IEC 60335-1:2010 IEC 60335-2-15:2002

**MALAYSIA**

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<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
30	Domestic Power Tools (a) Drill (Drill bit size up to 15 mm) (b) Trimmer (up to 300W) Hedge trimmer and Grass shears (up to 750W) (c) Sewing Machine (d) Portable Heating Tool such as: Soldering Gun, Soldering Iron, Heat Gun, Hot Air Firelighters, Glue gun	IEC 60745-1: 2006 IEC 60745-2-1:2006+ A1 IEC 60745-1: 2006 IEC 60745-2-14:2006 IEC 60335-1: 2010 IEC 60335-2-28: 2002 IEC 60335-1: 2010 IEC 60335-2-45: 2002
31	Adaptor/Charger (a) Portable Battery Charger (up to 12V) (b) Adapter for IT Equipment (up to 20V) (c) General electrical appliances, Electronic Isolating Transformer (d) Switching mode power supply (e) Electric toys (f) Audio Video Equipment (g) IT & Office Products (h) Shavers	IEC 60335-1: 2010 IEC 60335-2-29: 2009 IEC 60950-1: 2005 or IEC 62368-1: 2014 IEC 61558-1: 2009 IEC 61558-2-6: 2009 IEC 61558-1:2009 IEC 61558-2-17: 1997 IEC 61558-1:2009 IEC 61558-2-7: 2007 IEC 60065: 2005 or IEC 62368-1: 2014 IEC 60950-1: 2005 or IEC 62368-1: 2014 IEC 60335-1: 2010 IEC 60335-2-8: 2002
32	Hi Fi Sets – 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, Turn tables/ Record Players, Compact Disc Player, Audio/Video Recorder up to 4 channels.	IEC 60065:2005 or IEC 62368-1: 2014

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<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
33	Video and Visual Display Unit (a) Electronic appliances such as: LCD, LED, Plasma, CRT and similar to it. (b) VCD, Laser Disc, Video Cassette Recorder, DVD, Video Rewinder, Children Video Game	IEC 60065 :2005 or IEC 62368-1: 2014 IEC 60065 :2005 or IEC 62368-1: 2014
34	Massager – Foot Massagers, Massage Bed, massage chair, Massage pads, Handheld massagers, massage belts	IEC 60335-1:2010 IEC 60335-2-32:2008
35	Air Conditioner (Cooling Capacity of 32,000 Btu/ hr & below)	IEC 60335-1:2010 IEC 60335-2-40:2005
36	Christmas Light – Lightning Chain, Rope Light, Decorative/Festive light	IEC 60598-1: 2008 IEC 60598-2-20: 2010
37	Wire/ Cable/ Cord (non-armoured 0.5mm <sup>2</sup> to 35 mm <sup>2</sup> ) (a) Polyvinyl chloride (PVC) Insulated flexible cord and cable (b) Rubber insulated cord and flexible cables (c) PVC-insulated cable (non-armoured) for electric power and supply: non- sheathed (d) PVC-insulated cable (non-armoured) for electric power and supply: sheathed	IEC 60227-5: 2011 IEC 60245-1: 2003 Amd 1: 2007 IEC 60245-4: 1994 Amd 2: 2003 IEC 60227-3: 1997 IEC 60227-4: 1997
38	Televisions (a) Television (b) Projection Television	IEC 60065 :2001 + A1:2005 + A2:2010

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<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
1	Adaptor	IEC 60742 IEC 61558-2-6 IEC 60065 IEC 60950 IEC 60950-1
2	Air cooler	IEC 60335-1 IEC 60335-2-98
3	Audio product	IEC 60065
4	Coffee maker, slow cooker, steam boat and similar appliances, Electric fryers	IEC 60335-1 IEC 60335-2-15
5	Cooking range	IEC 60335-1 IEC 60335-2-6
6	Decorative lighting fixture, Lighting Chains	IEC60598-1 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 IEC 60950-1
10	Immersion water heater	IEC 60335-1 IEC 60335-2-74
11	Electric Iron	IEC 60335-1 IEC 60335-2-3
12	Kettle	IEC 60335-1 IEC 60335-2-9 IEC 60335-2-13 IEC 60335-2-15
13	Laser disc set	IEC 60065
14	Microwave oven	IEC 60335-1 IEC 60335-2-25
15	Mixer, blender, mincer and similar appliances	IEC 60335-1 IEC 60335-2-14
16	Mobile split air-conditioner, Electric Heat Pumps, Water Pump	IEC 60335-1 IEC 60335-2-40
17	Refrigerator	IEC 60335-1 IEC 60335-2-24

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<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
18	Rice Cooker	IEC 60335-1 IEC 60335-2-15
19	Room air-conditioner	IEC 60335-1 IEC 60335-2-40
20	Electric Lamps	IEC 60598-1 IEC 60598-2-4 IEC 60064 IEC 60081 IEC 60968 IEC 60598-2-8
21	Table or standing fan	IEC 60335-1 IEC 60335-2-80
22	Television or video display unit	IEC 60065
23	Toaster, grill, roaster, hot plate, deep fryer, wok and similar appliances <ul style="list-style-type: none"><li>• for hot plate and similar appliances</li><li>• for toaster, grill, oven and similar appliances</li><li>• for deep fryer, electric wok and similar appliances</li></ul>	IEC 60335-1  IEC 60335-2-6 IEC 60335-2-9 IEC 60335-2-13
24	Vacuum Cleaner	IEC 60335-1 IEC 60335-2-2
25	Video cassette recorder	IEC 60065
26	<ul style="list-style-type: none"><li>• Wall fan</li><li>• Ceiling fan</li></ul>	IEC 60335-1 IEC 60335-2-80
27	Washing Machine	IEC 60335-1 IEC 60335-2-4 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	Sewing Machine	IEC 60335-1 IEC 60335-2-28
31	Electric Drill	IEC 60745-1 IEC 60745-2-1
32	Electric Circular Saws and Circular Knives	IEC 60745-1 IEC 60745-2-5
33	Electric Shavers	IEC 60335-1 IEC 60335-2-8

**MYANMAR**

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**Designated Date:** 15 August 2021 – 14 August 2024

**Designated Certification Body:** TUV SUD PSB Pte Ltd

<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
34	Electric Soldering Irons	IEC 60335-1 IEC 60335-2-45
35	Electric Instantaneous or Storage Water Heater and Immersion	IEC 60335-1 IEC 60335-2-21
36	Electrical Fixed Immersion Heaters	IEC 60335-1 IEC 60335-2-73
37	General Purpose Switches	IEC 60669-1
38	Miniature Circuit Breaker	IEC 60898-1 IEC 60898-2
39	Plug	IEC 60884-1 BS 1363-1 BS 1363-3 BS 546
40	Socket Outlet	IEC 60884-1 BS 1363-2
41	Appliance Connectors	IEC 60320-1
42	Rubber Insulated Cables • Rated voltages up to and including 450/750 V.	IEC 60245-1
43	PVC Insulated Copper Cable	IEC 60227-1 IEC 60227-4 IEC 60227-5
44	Starterholder for tubular fluorescent lamps	IEC 60400
45	PVC Insulated and sheathed flexible cable with 1000V rated voltage	IEC 60502-1
46	Ballasts (Electronic)	IEC 60928 IEC 60929

**THAILAND**

**Accreditation Basis:** SAC Accreditation Scheme Certificate Number: PD-2002-01

**Designated Date:** 15 August 2021 – 14 August 2024

**Designated Certification Body:** TUV SUD PSB Pte Ltd

No	Scope of Designation	Certification standards
1	Mains operated electronic and related apparatus for household and similar general use	TIS 1195-2536 (1993) IEC 60065 (1985) IEC 60065: Ed. 1 (1989)
2	Household Refrigerators: environmental requirements – energy efficiency	TIS 2186-2547 (2004)
3	PVC cable, PVC Insulated cable Electric thermo pots	TIS 11 Part 1-2553: 2010 (IEC 60227-1: 2007)  TIS 11 Part 2-2553: 2010 (IEC 60227-2: 1997, Amd 1: 2003)  TIS 11 Part 3-2553: 2010 (IEC 60227-3: 1997)  TIS 11 Part 4-2553: 2010 (IEC 60227-4: 1997)  TIS 11 Part 5-2553: 2010 (IEC 60227-5: 2003)
4	Lighting and similar equipment: radio disturbance limits	TIS 1955-2551: 2008 (CISPR 15: 2007 Ed 7.1)
5	Switch	TIS 824-2551: 2008 (IEC 60669-1: 2006)
6	Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs)	TIS 909-2548: 2005 (IEC 61009-1: 2003 Ed 2.1)
7	Magnetic ballast, Fluorescent lamp ballasts, Magnetic type ballasts for lamps	TIS 23-2558: 2015 (IEC 61347-2-8: 2002, Amd 1: 2006)
8	Fluorescent lamp starter, Glow starters	TIS 183-2547: 2004 (IEC 60155: 1993, Amd 1: 1995)
9	Fluorescent lampholders/ Fluorescent starterholders	TIS 344-2549: 2006 (IEC 60400: 2004)
10	Self Ballasted Lamps	TIS 2234-2557: 2014 (IEC 60968: 2012)
11	Double-capped fluorescent lamps	TIS 956-2557: 2014 (IEC 61195: 1999, Amd 1: 2012)

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<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
1	Electric Iron	IEC 60335-1 (TCVN 5699-1) IEC 60335-2-3 (TCVN 5699-2-3)
2	Electric Oven, Electric Grill	IEC 60335-1 (TCVN 5699-1) IEC 60335-2-9 (TCVN 5699-2-9)
3	Electric Kettle	IEC 60335-1 (TCVN 5699-1) IEC 60335-2-15 (TCVN 5699-2-15)
4	Rice Cooker, Tea/Coffee Maker	IEC 60335-1 (TCVN 5699-1) IEC 60335-2-15 (TCVN 5699-2-15)
5	Storage Water Heater	IEC 60335-1 (TCVN 5699-1) IEC 60335-2-21 (TCVN 5699-2-21)
6	Electric Hair Dryer, Hands Dryer	IEC 60335-1 (TCVN 5699-1) IEC 60335-2-23 (TCVN 5699-2-23)
7	Microwave Oven	IEC 60335-1 (TCVN 5699-1) IEC 60335-2-25 (TCVN 5699-2-25)
8	Instantaneous Water Heater	IEC 60335-2-35 (TCVN 5699-2-35) CISPR 14-1 (TCVN 7492-1)
9	Table or Standing Fans	IEC 60335-1 (TCVN 5699-1) IEC 60335-2-80 (TCVN 5699-2-80)
10	Wall Fan	IEC 60335-1 (TCVN 5699-1) IEC 60335-2-80 (TCVN 5699-2-80)
11	Ceiling Fan	IEC 60335-1 (TCVN 5699-1) IEC 60335-2-80 (TCVN 5699-2-80)
12	Hand-held motor- operated drill	CISPR 14-1 (TCVN 7492-1)
13	Vacuum Cleaner	CISPR 14-1 (TCVN 7492-1)
14	Washing Machine	CISPR 14-1 (TCVN 7492-1)
15	Refrigerator, Freezer	CISPR 14-1 (TCVN 7492-1)
16	Air Conditioner	CISPR 14-1 (TCVN 7492-1)
17	Self-ballasted fluorescent lamp	CISPR 15 (TCVN 7186)



**VIET NAM**

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**Designated Date:** 15 August 2021 – 14 August 2024

**Designated Certification Body:** TUV SUD PSB Pte Ltd

<b>No</b>	<b>Scope of Designation</b>	<b>Certification standards</b>
18	PVC Insulated Copper Cables	IEC 60227-1 IEC 60227-2 IEC 60227-3 IEC 60227-4 IEC 60227-5 IEC 60227-6 IEC 60811-1-2 IEC 60811-1-4 TCVN 6610-1:2006 (IEC 60227-1:1998) TCVN 6610-3: 2000 (IEC 60227-3: 1997) TCVN 6610-4: 2000 (IEC 60227-4:1992 Amd 1: 1997) TCVN 6610-5: 2003 (IEC 60227-5: 2003)
19	Electric Immersion Sticks	IEC 60335-2-74