



**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.

PT Qualis Indonesia at Jl Pajajaran No. 17 Jatiuwung, Tangerang, 15137 Indonesia as listed Certification Body for Brunei Darussalam, Cambodia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand, and Vietnam.

This listing was made on 17 December 2019.

JOINT SECTORAL COMMITTEE FOR ELECTRICAL AND ELECTRONIC EQUIPMENT.

(Ms. Kamonwan Chamlerdwat)
Chair

(Ms. Luong Hoang Anh)
Vice-Chair

SCOPE OF DESIGNATION

PT Qualis Indonesia as listed Certification Body for Brunei Darussalam, Cambodia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand, and Vietnam.

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BRUNEI DARUSSALAM		
Accreditation Basis: 1) KAN Certification Body Accreditation LSPR-047-ID 2) SNI ISO/IEC 17065: 2012		
Designated Date: 17 December 2019 – 16 December 2022		
Designated Testing Laboratory: PT QUALIS INDONESIA		
No	Scope of Designation	Certification standards
1	Power cables	IEC 60502-1: 2009 IEC 60502-2:2009
2	Switches	IEC 60669-1:2013
3	Miniature circuit breaker	IEC 60898-1:2009
4	Electrical heat pumps, air conditioners and dehumidifiers	IEC 60335-2-40:2009
5	Refrigerating appliances (ice-cream appliances, ice makers, water dispenser)	IEC 60335-2-24:2009
6	Washing machines	IEC 60335-2-7:2009
7	Fans	IEC 60335-2-80:2009
8	Electric irons	IEC 60335-2-3:2009
9	Pumps	IEC 60335-2-41:2009
10	Appliances for heating liquids	IEC 60335-2-15:2011
11	Kitchenware	IEC 60335-2-14:2011
12	Audio, video and similar electronics apparatus	IEC 60335-1:2009
13	Toaster, Toaster and Portable Cooker	IEC 60335-1: 2009 IEC 60335-2-9:2010
14	Skin and hair care device	IEC 60335-1: 2009 IEC 60335-2-23:2010
15	Battery Charger	IEC 60335-1: 2009 IEC 60335-2-29:2010

BRUNEI DARUSSALAM

Accreditation Basis: 1) KAN Certification Body Accreditation LSPR-047-ID
2) SNI ISO/IEC 17065: 2012

Designated Date: 17 December 2019 – 16 December 2022

Designated Testing Laboratory: PT QUALIS INDONESIA

No	Scope of Designation	Certification standards
16	Microwave oven including combination microwave ovens	IEC 60335-1: 2009 IEC 60335-2-25:2010
17	Vacuum cleaners and water suction cleaning appliances	IEC 60335-1: 2009 IEC 60335-2-2:2012
18	Plugs and Socket Outlet	IEC 60884-1:2014
19	Recessed Luminaires	IEC 60598-2-2:2016
20	Luminaires for road and street lighting	IEC 60598-2-3:2016
21	Portable general purpose luminaires	IEC 60598-2-4:2012
22	Floodlights	IEC 60598-2-5:2016
23	Self-ballasted lamps for general lighting services- Performance requirements	IEC 60969:2009
24	Self-ballasted LED light for general lighting services- with >50 V voltage	IEC 62560:2015 IEC 62612:2016
25	RCCB depends on voltage	IEC 61008-1: 2011 IEC 61008-2-2:2014
26	RCBO not depending voltage	IEC 61009-1: 2014 IEC 61009-2-1:2014
27	RCBO depending on voltage	IEC 61009-1: 2014 IEC 61009-2-2:2014

CAMBODIA

Accreditation Basis: 1) KAN Certification Body Accreditation LSPR-047-ID

2) SNI ISO/IEC 17065: 2012

Designated Date: 17 December 2019 – 16 December 2022

Designated Testing Laboratory: PT QUALIS INDONESIA

No	Scope of Designation	Certification standards
1	General purpose switches	IEC 60669-1:2013
2	Miniature Circuit Breaker	SNI IEC 60898-1:2009
3	Refrigerators, freezers and other refrigerating or freezing equipment	IEC 60335-2-24:2009
4	Electric washing machine	IEC 60335-2-7:2009
5	Electric Fans	IEC 60335-2-80:2009
6	Food mixers/blenders	IEC 60335-2-14:2011
7	Electric kettles	IEC 60335-2-15:2011
8	Toaster/ovens (cooking appliances)	IEC 60335-1: 2009 IEC 60335-2-9:2010
9	Electrical Hair Dryers	IEC 60335-2-23:2010
10	Plug	IEC 60884-1:2014
11	Electric Lamps	IEC 60598-2-4:2012
12	Vacuum cleaners	IEC 60335-1:2009 IEC 60335-2-2:2012
13	Electric microwave ovens	IEC 60335-1:2009 IEC 60335-2-25:2012
14	Electrical heat pumps, air-conditioners and dehumidifiers	IEC 60335-2-40:2009
15	Charger	IEC 60335-2-29:2010
16	Recessed Luminaires	IEC 60598-2-2:2016
17	Flood Lights	IEC 60598-2-5:2016
18	Self ballasted lamps for general lighting services-Performances Requirements	IEC 60969-2009
19	Self ballasted lamps for general lighting services with supply > 50 V	IEC 62560:2015 IEC 62612:2016
20	RCCB not depends on voltage	IEC 61088-2-2:2014
21	RCBO not depending voltage	IEC 61099-2-1:2014
22	RCBO depending on voltage	IEC 61099-2-1:2014
23	Luminaires for road and street lighting	IEC 60598-2-2:2014
24	Electric Irons	IEC 60335-2-3:2009
25	Pumps	IEC 60335-2-41:2009
26	Power cables	IEC 60502-1: 2009 IEC 60502-2:2009
27	Audio, video and similar electronics apparatus	IEC 60335-1:2009

MALAYSIA**Accreditation Basis:** 1) KAN Certification Body Accreditation LSPr-047-ID

2) SNI ISO/IEC 17065: 2012

Designated Date: 17 December 2019 – 16 December 2022**Designated Testing Laboratory:** PT QUALIS INDONESIA

No	Scope of Designation	Certification standards
1	General purpose Switch	IEC 60669-1:2013
2	Miniature Circuit Breaker (MCB)for ac	IEC 60898-1:2009
3	Split Airconditioner, Portable Airconditioner, Ceiling Airconditioner (Cooling Capacity of 32,000Btu/hr& below)	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-40:2009
4	Water Dispenser -Cold	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-24:2009
5	Washing Machine having drying	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-7:2009
6	Moving-louver fan, Ceiling fan, Auto fan, Pedestal fan, Table fan, Wall fan & Applies to their separate regulators and with blade.	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-80:2009
7	Heating Liquids such as: Coffee/Tea Maker, Food Steamer, Egg Boiler, Jug, Slow Cooker, Steamboat, Kettle, Airpot, Bottle Warmer, Sterillizer.	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-15:2011
8	Blender, Chopper, Food Processor, Juice Extractor, Grinder, Mixer	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-14:2011
9	Bread Maker, Bread Toaster, Portable Oven, Induction Cooker, Grill, Sandwich Maker/Waffle Maker, Roaster.	IEC 60335-1: 2009 IEC 60335-2-9:2010
10	Hair Dryer, Hair Styling Set, Ionic Facial Steamer or similar to it.	IEC 60335-1: 2009 IEC 60335-2-23:2010
11	Portable Battery Charger (up to 12V)	IEC 60335-1: 2009 IEC 60335-2-29:2010
12	Travel adaptor	IEC 60884-1:2014
13	Self-ballasted Compact Florescent Lamp (CFL)with Edison screw or bayonet caps	IEC 60969:2009
14	Self-ballasted single capped LED-lamps for general lighting services by voltage>50V	IEC 62560:2015 IEC 62612:2016
15	Residual Current Circuit Breaker (RCCB)	IEC 61008-1: 2011 IEC 61008-2-2:2014
16	Residual Current Breaker with Overcurrent Protection (RCBO)	IEC 61009-1: 2014 IEC 61009-2-1:2014
17	Residual Current Breaker with Overcurrent Protection (RCBO)	IEC 61009-1: 2014 IEC 61009-2-2:2014
18	Electric Irons	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-3:2009

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No	Scope of Designation	Certification standards
19	Vacuum cleaners	IEC 60335-1: 2009 IEC 60335-2-2:2012
20	Microwave ovens	IEC 60335-1: 2009 IEC 60335-2-25:2010
21	Self-ballasted LED lamps for general lighting services with supply voltage >50V	IEC 62612: 2016
22	Audio, video and similar electronics apparatus	IEC 60065 (2001-12)

MYANMAR

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No	Scope of Designation	Certification standards
1	Electrical heat pump	IEC 60335-2-40:2009
2	Electric iron	IEC 60335-2-3:2009
3	Electric hair styling set	IEC 60335-1: 2009 IEC 60335-2-23:2010
4	Socket outlets (fixed)	IEC 60884-1:2014
5	Fans	IEC 60335-2-80:2009
6	Electric fryers, rice cookers / electrical multi-purpose cookers	IEC 60335-2-15:2011
7	Miniature circuit breaker	IEC 60898-1:2009
8	Switches	IEC 60669-1:2013
9	PVC Insulated and sheathed flexible cable with 1000 V rated voltage	IEC 60502-1: 2009 IEC 60502-2:2009
10	Refrigerating appliances (ice-cream appliances, ice makers, water dispenser)	IEC 60335-2-24:2009
11	Washing machines	IEC 60335-2-7:2009
12	Pumps	IEC 60335-2-41:2009
13	Kitchenware (Mixer & Blender)	IEC 60335-2-14:2011
14	Toaster, Toaster and Portable Cooker	IEC 60335-1: 2009 IEC 60335-2-9:2010
15	Charger	IEC 60335-1: 2009 IEC 60335-2-29:2010
16	Recessed Luminaires	IEC 60598-2-2:2016
17	Luminaires for road and street lighting	IEC 60598-2-3:2016
18	Portable general purpose luminaires	IEC 60598-2-4:2012
19	Floodlights	IEC 60598-2-5:2016
20	Self-ballasted lamps for general lighting services- Performance requirements	IEC 60969:2009
21	Self-ballasted LED light for general lighting services- with >50 V voltage	IEC 62560:2015 IEC 62612:2016
22	RCCB depends on voltage	IEC 61008-1: 2011 IEC 61008-2-2:2014
23	RCBO not depending voltage	IEC 61009-1: 2014 IEC 61009-2-1:2014
24	RCBO depending on voltage	IEC 61009-1: 2014 IEC 61009-2-2:2014
25	Microwave ovens	IEC 60335-1: 2009 IEC 60335-2-25:2010

MYANMAR

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Designated Date: 17 December 2019 – 16 December 2022

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No	Scope of Designation	Certification standards
26	Vacuum cleaners and water suction cleaning appliances	IEC 60335-1: 2009 IEC 60335-2-2:2012
27	Audio, video and similar electronics apparatus	IEC 60335-1:2009

PHILIPPINES

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No	Scope of Designation	Certification standards
1	Safety requirements for washing machines	IEC 60335-2-7:2009
2	Safety requirements for Fans	IEC 60335-2-80:2009
3	Safety requirements for electric irons	IEC 60335-2-3:2009
4	Plugs and socket outlets for households and similar purposes – General requirements	IEC 60884-1:2014
5	Household and similar electrical appliances Part 2-24: Particular requirements for refrigerating appliances, ice cream appliances and ice makers	IEC 60335-2-24:2009
6	Safety requirements for toasters, grills, roasters and similar appliances	IEC 60335-1: 2009 IEC 60335-2-9:2010
7	Safety requirements for microwave ovens	IEC 60335-1: 2009 IEC 60335-2-25:2010
8	General requirements for switches for household and similar fixed electrical installations	IEC 60669-1:2013
9	Safety requirements for kitchen machines	IEC 60335-2-14:2011
10	Safety requirements for appliances for heating liquids	IEC 60335-2-15:2011
11	Self -ballasted lamps for general lighting services – Performance	IEC 60969:2009
12	Miniature circuit breaker	IEC 60898-1:2009
13	Electrical heat pumps, air conditioners and dehumidifiers	IEC 60335-2-40:2009
14	Pumps	IEC 60335-2-41:2009
15	Skin and Hair Care Device	IEC 60335-1: 2009 IEC 60335-2-23:2010
16	Charger	IEC 60335-1: 2009 IEC 60335-2-29:2010
17	Recessed Luminaires	IEC 60598-2-2:2016
18	Luminaires for road and street lighting	IEC 60598-2-3:2016
19	Portable general purpose luminaires	IEC 60598-2-4:2012
20	Floodlights	IEC 60598-2-5:2016
21	Self-ballasted LED light for general lighting services- with >50 V voltage	IEC 62560:2015 IEC 62612:2016
22	RCCB depends on voltage	IEC 61008-1: 2011 IEC 61008-2-2:2014
23	RCBO not depending voltage	IEC 61009-1: 2014 IEC 61009-2-1:2014
24	RCBO depending on voltage	IEC 61009-1: 2014 IEC 61009-2-2:2014

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No	Scope of Designation	Certification standards
25	Vacuum cleaners and water suction cleaning appliances	IEC 60335-1: 2009 IEC 60335-2-2:2012
26	Power cables	IEC 60502-1: 2009 IEC 60502-2:2009
27	Audio, video and similar electronics apparatus	IEC 60335-1:2009

SINGAPORE

Accreditation Basis: 1) KAN Certification Body Accreditation LSPr-047-ID

2) SNI ISO/IEC 17065: 2012

Designated Date: 17 December 2019 – 16 December 2022

Designated Testing Laboratory: PT QUALIS INDONESIA

No	Scope of Designation	Certification standards
1	Domestic electric wall switch	IEC 60669-1 (2007-01) *_From 5 August 2021, the minimum applicable standard will be IEC 60669-1: 2017
2	Room Air Conditioner	IEC 60335-2-40 Ed.4.2 (2005-07)
3	Refrigerator	IEC 60335-2-24 Ed. 6.1
4	Washing machine	IEC 60335-2-7 (2004-11)
5	Liquid heating appliances	IEC 60335-2-15 Ed.5.2 (2008-09)
6	Kitchen Machine	IEC 60335-2-14 Ed.5.1 (2008-09)
7	Toaster, grill, roaster, hot plate, deep fryer, wok and similar appliances	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-9 Ed. 6.0 (2008-07)
8	Hair care appliances	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-23 Ed 5.1 (2008-03)
9	AC Adaptors (applicable for battery chargers)	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-29 Ed 4 (2009-12)
10	AC Adaptors (applicable for table/standing lamps)	IEC 60598-2-4 Ed 2.0 (1997-04)
11	Compact Fluorescent Lamp - integrated (CFLi)	IEC 60969 Ed.1.2 (2001)
12	Microwave oven	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-25 Ed.5.2 (2006-09)
13	Audio and video products	IEC 60065 (2001-12)

THAILAND

Accreditation Basis: 1) KAN Certification Body Accreditation LSPr-047-ID
2) SNI ISO/IEC 17065: 2012

Designated Date: 17 December 2019 – 16 December 2022

Designated Testing Laboratory: PT QUALIS INDONESIA

No	Scope of Designation	Certification standards
1	Electrical Switches	IEC 60669-1 (2007-01) Certification Scheme Type 5
2	Household refrigerators : safety requirements	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-24 Ed 6.1(2005-04) Certification Scheme Type 5
3	Washing machines : safety requirements	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-7 (2004-11) Certification Scheme Type 5
4	AC electric fans : safety requirements	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-80 (2005-11) Certification Scheme Type 5
5	Electric Irons	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-3 Ed (2005-12) Certification Scheme Type 5
6	Electric rice-cookers : safety requirements	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-15 Ed 5.2 (2006-09) Certification Scheme Type 5
7	Grills, toasters and similar portable cooking appliances	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-9 Ed 6.0 (2006-07) Certification Scheme Type 5
8	Appliances for skin or hair care : safety requirement	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-23 Ed 5.1 (2006-03) Certification Scheme Type 5
9	Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs)	IEC 61009-1 Ed 3.1 (2012-04) IEC 61009-2-2 Ed 1.0 (1991-07) Certification Scheme Type 5
10	Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) - Part 1 : general rules	IEC 61006-1 Ed 3.0 (2010-02) IEC 61006-2-2 Ed 1.0 (1990-12) Certification Scheme Type 5
11	Microwave ovens safety requirements	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-25 Ed 5.2 (2006-09) Certification Scheme Type 5
12	Miniature circuit breaker	IEC 60898-1 (2003-07) Certification Scheme Type 5
13	Electrical heat pumps, air conditioners and dehumidifiers	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-40 Ed 4.2 (2005-07) Certification Scheme Type 5

THAILAND

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Designated Date: 17 December 2019 – 16 December 2022

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No	Scope of Designation	Certification standards
14	Pumps	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-41 (2005-06) Certification Scheme Type 5
15	Kitchenware (Mixer & Blender)	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-14 Ed 5.2 (2008-09) Certification Scheme Type 5
16	Charger	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-29 Ed 4 (2009-12) Certification Scheme Type 5
17	Plugs and Socket Outlet	IEC 60884-1 Ed 3.1 (2006-09) Certification Scheme Type 5
18	Recessed Luminaires	IEC 60598-2-2 Ed 3.0 (2011-11) Certification Scheme Type 5
19	Luminaires for road and street lighting	IEC 60598-2-3 Ed 3.0 (2002-12) and Amd 1 (2011-04) Certification Scheme Type 5
20	Portable general purpose luminaires	IEC 60598-2-4 Ed 2.0 (1997-04) Certification Scheme Type 5
21	Floodlights	IEC 60598-2-5 (1998) Certification Scheme Type 5
22	Self-ballasted lamps for general lighting services-Performance requirements	IEC 60969 Ed 1.2 (2001) Certification Scheme Type 5
23	Self-ballasted LED light for general lighting services-with>50 V voltage	IEC 62560 Ed 1.0 (2011-02) IEC 62612 Ed 1.0 (2013-06) Certification Scheme Type 5
24	RCBO not depending voltage	IEC 61009-1 Ed 3.1 (2012-04) IEC 61009-2-1 Ed 1.0 (1991-07) Certification Scheme Type 5
25	Vacuum cleaners and water suction cleaning appliances	IEC 60335-1 (2001) + Amd 1 (2004-03) IEC 60335-2-2 Ed 6.0 (2009-12) Certification Scheme Type 5
26	Power cables	IEC 60502-1 (2004-04) IEC 60502-2 (2005-03) Certification Scheme Type 5
27	Audio, video and similar electronics apparatus	IEC 60335-1 (2001-12) Certification Scheme Type 5

VIET NAM

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No	Scope of Designation	Certification standards
1	Electric fans	IEC 60335-2-80:2009
2	Electric Kettle	IEC 60335-2-15:2011
3	Electric oven, electric grill (mobile type)	IEC 60335-1: 2009 IEC 60335-2-9:2010
4	Hair dryer and other hair - made tools	IEC 60335-1: 2009 IEC 60335-2-23:2010
5	Electric irons	IEC 60335-2-3:2009
6	Microwave oven	IEC 60335-1: 2009 IEC 60335-2-25:2010
7	Miniature circuit breaker	IEC 60898-1:2009
8	Electrical heat pumps, air conditioners and dehumidifiers	IEC 60335-2-40:2009
9	Refrigerating appliances (ice-cream appliances, ice makers, water dispenser)	IEC 60335-2-24:2009
10	Washing machines	IEC 60335-2-7:2009
11	Pumps	IEC 60335-2-41:2009
12	Kitchenware (Mixer & Blender)	IEC 60335-2-14:2011
13	Battery Charger	IEC 60335-1: 2009 IEC 60335-2-29:2010
14	Plugs and Socket Outlet	IEC 60884-1:2014
15	Recessed Luminaires	IEC 60598-2-2:2016
16	Luminaires for road and street lighting	IEC 60598-2-3:2016
17	Portable general purpose luminaires	IEC 60598-2-4:2012
18	Floodlights	IEC 60598-2-5:2016
19	Self-ballasted lamps for general lighting services- Performance requirements	IEC 60969:2009
20	Self-ballasted LED light for general lighting services- with >50 V voltage	IEC 62560:2015 IEC 62612:2016
21	RCCB depends on voltage	IEC 61008-1: 2011 IEC 61008-2-2:2014
22	RCBO not depending voltage	IEC 61009-1: 2014 IEC 61009-2-1:2014
23	RCBO depending on voltage	IEC 61009-1: 2014 IEC 61009-2-2:2014
24	Vacuum cleaners and water suction cleaning appliances	IEC 60335-1: 2009 IEC 60335-2-2:2012
25	Power cables	IEC 60502-1: 2009 IEC 60502-2:2009

VIETNAM

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26	Switches	IEC 60669-1:2013
27	Audio, video and similar electronics apparatus	IEC 60335-1:2009