



**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.

***Electrical and Electronic Product Testing Center (PTEC)*** with address at 141 Innovation Cluster 2, Building D, Thailand Science Park, Phahonyothin Road, Khlong Nuea 2, Khlong Luang, Pathum Thani 12120, Thailand as listed testing laboratory for Brunei Darussalam, Cambodia, Indonesia, Malaysia, Myanmar, Singapore and Viet Nam

***This listing was made on 25 February 2019 and will be valid until 24 February 2022.***

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

(Mr. Sim Choon Siong)  
Chair

(Ms. Kamonwan Chamlerdwat)  
Vice-Chair

### SCOPE OF DESIGNATION

Electrical and Electronic Product Testing Center (PTEC) as listed testing laboratory for Brunei Darussalam, Cambodia, Indonesia, Malaysia, Myanmar, Singapore and Viet Nam.

Contact Address: 141 Innovation Cluster 2, Building D, Thailand Science Park,  
Phahonyothin Road, Khlon2 Nuen2, Khlong Luang, Pathum  
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Designation: Director

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<b>BRUNEI DARUSSALAM</b>			
Designated Testing Laboratory			
Electrical and Electronic Product Testing Center (PTEC)			
No.	Scope of Designation/ Product	Standard	Basis for designation
1	Adaptor-for electronic, electrical, computer and telephonic appliances	See scope of accreditation page 9 of 23 IEC 60950-1 Edition 2.0: 2005-12 IEC 60950-1 Edition 2.2: 2013-05	TISI NSC- ONSC Accreditation No. 19T028/0805
2	Coffee Maker, slow cooker, steam boat and similar appliances	See scope of accreditation page 17 of 23 IEC 60335-2-15 Edition 6.0: 2012-11	
3	Hairdryer	See scope of accreditation page 16 of 23 IEC 60335-2-23 Edition 5.0: 2003-01 IEC 60335-2-23: 2003 Amendment 1: 2008- 01 IEC 60335-2-23 Edition 5.2: 2012-03	
4	Home Computer System (inclusive of monitor, printer, speaker and other mains operated accessories)	See scope of accreditation page 9 of 23 IEC 60950-1 Edition 2.0: 2005-12 IEC 60950-1 Edition 2.2: 2013-05	
5	Iron	See scope of accreditation page 16 of 23 IEC 60335-2-3 Edition 5.0: 2002-03 IEC 60335-2-3 Edition 6.0: 2012-03	
6	Kettle	See scope of accreditation page 17 of 23 IEC 60335-2-15 Edition 6.0: 2012-11	
7	Microwave Oven	See scope of accreditation page 15 of 23 IEC 60335-2-25 Edition 5.0: 2002-03 IEC 60335-2-25 Edition 6.0: 2010-09	

<b>BRUNEI DARUSSALAM</b> Designated Testing Laboratory Electrical and Electronic Product Testing Center (PTEC)			
8	Refrigerator	See scope of accreditation page 15 of 23 IEC 60335-2-24 Edition 7.0: 2010-02 IEC 60335-2-24 Edition 7.0: 2010-02 + Amendment 1: 2012-05	TISI NSC- ONSC Accreditation No. 19T028/0805
9	Rice Cooker	See scope of accreditation page 17 of 23 IEC 60335-2-15 Edition 5.0: 2002	
10	Table lamp or standing lamp	See scope of accreditation page 8 of 23 IEC 60598-2-4 Edition 2.0: 1997-04 IEC 60598-2-4 Edition 3.0: 2017-04	
11	Table or standing fan	See scope of accreditation page 18 of 23 IEC 60335-2-80 Edition 3.0: 2015-04	
12	Toaster, grill, roaster, hot plate, deep fryer, work and similar appliances -for deep fryer, electric work and similar appliances	See scope of accreditation page 18 of 23 IEC 60335-2-13 Edition 5.0: 2002-10 IEC 60335-2-13 Edition 6.0: 2009-12	
13	Washing Machine	See scope of accreditation page 15 of 23 IEC 60335-2-7 Edition 7.0: 2008-06 IEC 60335-2-7: 2008 Amendment 1: 2011-12	

<b>CAMBODIA</b>			
Designated Testing Laboratory			
Electrical and Electronic Product Testing Center (PTEC)			
No.	Scope of Designation/ Product	Standard	Basis for designation
1	Electric Fans	See scope of accreditation page 18 of 23 IEC 60335-2-80 Edition 3.0: 2015-04	TISI NSC- ONSC Accreditation No. 19T028/0805
2	Refrigerators, Freezers and other refrigerating or freezing equipment	See scope of accreditation page 15 of 23 IEC 60335-1 Edition 5.0: 2010-05 IEC 60335-2-24 Edition 7.0: 2010-02 IEC 60335-2-24 Edition 7.0: 2010-02 + Amendment 1: 2012-05	
3	Electric washing machine	See scope of accreditation page 15 of 23 IEC 60335-1 Edition 4.1: 2004-07 IEC 60335-1 Edition 5.0: 2010-05 IEC 60335-2-7 Edition 7.0: 2008-06 IEC 60335-2-7: 2008 Amendment 1: 2011-12	
4	Home computer system (inclusive of monitor, printer, speaker, and other mains operated accessories)	See scope of accreditation page 9 of 23 IEC 60950-1 Edition 2.0: 2005-12 IEC 60950-1 Edition 2.2: 2013-05	
5	Adaptor	See scope of accreditation page 9 of 23 IEC 60950-1 Edition 2.0: 2005-12 IEC 60950-1 Edition 2.2: 2013-05	
6	Electrical Hair Dryers	See scope of accreditation page 16 of 23 IEC 60335-1 Edition 4.1: 2004-07 IEC 60335-1 Edition 5.0: 2010-05 IEC 60335-2-23 Edition 5.0: 2003-01 IEC 60335-2-23: 2003 Amendment 1: 2008- 01 IEC 60335-2-23 Edition 5.2: 2012-03	
7	Electrical Iron	See scope of accreditation page 16 of 23 IEC 60335-1 Edition 4.1: 2004-07 IEC 60335-1 Edition 5.0: 2010-05 IEC 60335-2-3 Edition 5.0: 2002-03 IEC 60335-2-3 Edition 6.0: 2012-03	
8	Electric Kettles	See scope of accreditation page 17 of 23 IEC 60335-1 Edition 4.1: 2004-07 IEC 60335-1 Edition 5.0: 2010-05 IEC 60335-2-15 Edition 6.0: 2012-11 IEC 60335-2-13 Edition 5.0: 2002-10 IEC 60335-2-13 Edition 6.0: 2009-12	
9	Electric Microwave Ovens	See scope of accreditation page 15 of 23 IEC 60335-1 Edition 4.1: 2004-07 IEC 60335-1 Edition 5.0: 2010-05 IEC 60335-2-25 Edition 5.0: 2002-03 IEC 60335-2-25 Edition 6.0: 2010-09	

<b>CAMBODIA</b>			
Designated Testing Laboratory			
Electrical and Electronic Product Testing Center (PTEC)			
No.	Scope of Designation/ Product	Standard	Basis for designation
10	Toaster/Oven (Cooking Appliance)	See scope of accreditation page 18 of 23 IEC 60335-1 Edition 4.1: 2004-07 IEC 60335-1 Edition 5.0: 2010-05 IEC 60335-2-13 Edition 5.0: 2002-10 IEC 60335-2-13 Edition 6.0: 2009-12	TISI NSC- ONSC Accreditation No. 19T028/0805
11	Plugs	See scope of accreditation page 19 of 23 IEC 60884-1 Edition 3.2: 2013-02	
12	Socket-outlet	See scope of accreditation page 19 of 23 IEC 60884-1 Edition 3.2: 2013-02	
13	Electric lamps	See scope of accreditation page 8 of 23 IEC 60598-2-4 Edition 2.0: 1997-04 IEC 60598-2-4 Edition 3.0: 2017-04	

<b>INDONESIA</b>			
Designated Testing Laboratory			
Electrical and Electronic Product Testing Center (PTEC)			
No.	Scope of Designation/ Product	Standard	Basis for designation
1	Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires	See scope of accreditation page 8 of 23 IEC 60598-2-1 Edition 1.0: 1979 IEC 60598-2-1: 1979 Amendment 1: 1987	
2	Luminaires - Part 2-2: Particular requirements - Recessed luminaires	See scope of accreditation page 8 of 23 IEC 60598-2-2 Edition 2.1: 1997-09 IEC 60598-2-2 Edition 3.0: 2011-11	
3	Luminaires - Part 2-3: Particular requirements - Luminaires for road and street lighting	See scope of accreditation page 8 of 23 IEC 60598-2-3 Edition 3.0: 2002-12 IEC 60598-2-3 Edition 3.1: 2011-11	
4	Luminaires - Part 2-5: Particular requirements – Floodlights	See scope of accreditation page 8 of 23 IEC 60598-2-5 Edition 2.0: 1998-01 IEC 60598-2-5 Edition 3.0: 2015-08	
5	Household and similar electrical appliances- Safety-Part 2-3: Particular requirements for electric irons	See scope of accreditation page 16 of 23 IEC 60335-2-3 Edition 5.0: 2002-03 IEC 60335-2-3 Edition 6.0: 2012-03	
6	Household and similar electrical appliances- Safety-Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers	See scope of accreditation page 15 of 23 IEC 60335-2-24 Edition 6.0: 2002-10	
7	Washing Machines	See scope of accreditation page 15 of 23 IEC 60335-2-7 Edition 7.0: 208-06 IEC 60335-2-7: 2008 Amendment 1:2011-12	

<b>MALAYSIA</b>			
Designated Testing Laboratory			
Electrical and Electronic Product Testing Center (PTEC)			
No.	Scope of Designation/ Product	Standard	Basis for designation
1	Travel adaptor	See scope of accreditation page 19 of 23 IEC 60884-1 Edition 3.2: 2013-02	TISI NSC- ONSC Accreditation No. 19T028/0805
2	Deep Fryer	See scope of accreditation page 18 of 23 IEC 60335-1 Edition 4.1: 2004-07 IEC 60335-1 Edition 5.0: 2010-05 IEC 60335-2-13 Edition 5.0: 2002-10 IEC 60335-2-13 Edition 6.0: 2009-12	
3	Heating Liquids such as: coffee/tea maker, food steamer, egg boiler, jug, slow cooker, steamboat, kettle, airpot, bottle warmer, sterillizer,	See scope of accreditation page 17 of 23 IEC 60335-1 Edition 5.0: 2010-05 IEC 60335-2-15 Edition 6.0: 2012-11	
4	Multi-purpose cooker	See scope of accreditation page 17, 18 of 23 IEC 60335-1 Edition 4.1: 2004-07 IEC 60335-1 Edition 5.0: 2010-05 IEC 60335-2-13 Edition 5.0: 2002-10 IEC 60335-2-13 Edition 6.0: 2009-12 IEC 60335-2-15 Edition 5.0: 2002 IEC 60335-2-15 Edition 6.0: 2012-11	
5	Water Dispenser -Hot	See scope of accreditation page 17 of 23 IEC 60335-1 Edition 5.0: 2010-05 IEC 60335-2-15 Edition 6.0: 2012-11	
6	Water Dispenser -Cold	IEC 60335-1: 5 <sup>th</sup> Edition 2010 IEC 60335-2-24: 7 <sup>th</sup> Edition:2010 IEC 60335-2-24: 2010 Amd 1 2012 *Excluding cl. 22.107, cl 22.108, cl22.109 and cl22.110 and *with modification	
7	Water Dispenser -Hot and Cold	IEC 60335-1: 5 <sup>th</sup> Edition 2010 IEC 60335-2-15 6 <sup>th</sup> Edition 2012 IEC 60335-2-24 7 <sup>th</sup> Edition 2010 IEC 60335-2-24: 2010 Amd 1: 2012 *Excluding cl.22.107, cl22.108, cl22.109 and cl22.110 and *with modification	
8	Microwave Oven	IEC 60335-1 Ed.4.1: 2004 IEC 60335-1 5 <sup>th</sup> Edition 2010 IEC 60335-2-25 5 <sup>th</sup> Edition: 2002 IEC 60335-2-25 6 <sup>th</sup> Edition: 2010 *Excluding cl.22.105, & cl.22.106	

<b>MALAYSIA</b>			
Designated Testing Laboratory Electrical and Electronic Product Testing Center (PTEC)			
No.	Scope of Designation/ Product	Standard	Basis for designation
9	Rice Cooker	See scope of accreditation page 17 of 23 IEC 60335-1 Edition 4.1: 2004-07 IEC 60335-2-15 Edition 5.0: 2002	TISI NSC- ONSC Accreditation No. 19T028/0805
10	Refrigerator, Freezer, Minibar	IEC 60335-1 Ed 4.1: 2004 IEC 60335-2-24 6 <sup>th</sup> Edition: 2002 *Excluding cl.22.107, cl22.108, cl22.109 and cl22.110 and with modification	
11	Instantaneous Water Heater	IEC 60335-1 Ed 4.1: 2004 IEC 60335-1 5 <sup>th</sup> Edition: 2010 IEC 60335-2-35 4 <sup>th</sup> Edition: 2002 IEC 60335-2-35 5 <sup>th</sup> Edition: 2012 *Excluding cl.22.102, cl.22.103, cl.22.107, cl22.108, cl22.109 and *with modification	
12	Washing Machine having drying	IEC 60335-1 Ed4.1: 2004 IEC 60335-1 5 <sup>th</sup> Edition: 2010 IEC 60335-2-7 7 <sup>th</sup> Edition: 2008 IEC 60335-2-7: 2008 Amd 1: 2011 *Excluding cl.22.46 and with modification	
13	Washing Machine with separate spin container	IEC 60335-1 Ed4.1: 2004 IEC 60335-1 5 <sup>th</sup> Edition: 2010 IEC 60335-2-7 7 <sup>th</sup> Edition: 2008 IEC 60335-2-7: 2008 Amd 1: 2011 *Excluding cl.22.46 and with modification	
14	Hair Dryer, Hair Styling Set, Ionic Facial Steamer or Similar to it	See scope of accreditation page 16 of 23 IEC 60335-1 Edition 4.1: 2004-07 IEC 60335-1 Edition 5.0: 2010-05 IEC 60335-2-23 Edition 5.0: 2003-01 IEC 60335-2-23: 2003 Amendment 1: 2008- 01 IEC 60335-2-23 Edition 5.2: 2012-03	
15	Iron	See scope of accreditation page 16 of 23 IEC 60335-1 Edition 4.1: 2004-07 IEC 60335-1 Edition 5.0: 2010-05 IEC 60335-2-3 Edition 5.0: 2002-03 IEC 60335-2-3 Edition 6.0: 2012-03	
16	Adaptor for IT Equipment	IEC 60950-1: 2005 *Excluding cl.2.3, cl.3.2.5.1, cl.4.3.13, cl.6 and cl.7	
17	IT & Office products	IEC 60950-1: 2005 *Excluding cl.2.3, cl.3.2.5.1, cl.4.3.13, cl.6 and cl.7	



<b>MYANMAR</b>			
Designated Testing Laboratory Electrical and Electronic Product Testing Center (PTEC)			
No.	Scope of Designation/ Product	Standard	Basis for Designation
1	Electrical hair dryers	IEC 60335-2-23 Ed.5.0: 2003, Amd1:2008 IEC 60335-2-23 Ed.5.2: 2012	TISI NSC-ONSC Accreditation No. 19T028/0805
2	Electric iron	IEC 60335-2-3 Ed.5.2: 2008 IEC 60335-2-3 Ed.6.0: 2012	
3	Electric fans	IEC 60335-2-80 Ed.2.1:2004 IEC 60335-2-80 Ed.2.2:2008	
4	Electric fryers	IEC 60335-2-13 Ed.5.0: 2002-10 IEC 60335-2-13 Ed.6.0: 2009-12	
5	Electric hair styling set	IEC 60335-2-23 Ed.5.0: 2003, Amd1:2008 IEC 60335-2-23 Ed.5.2: 2012	
6	Rice cookers / Electrical Multi-Purpose Cookers	IEC 60335-2-15 Ed.5.2: 2008 IEC 60335-2-15 Ed.6.0: 2012	

<b>PHILIPPINES</b>			
Designated Testing Laboratory Electrical and Electronic Product Testing Center (PTEC)			
No.	Scope of Designation/ Product	Standard	Basis for Designation
1	Electric fans	See scope of accreditation page 18 of 23 IEC 60335-2-80 Edition 3.0: 2015-04	TISI NSC-ONSC Accreditation No. 19T028/0805
2	Electric iron	See scope of accreditation page 16 of 23 IEC 60335-2-3 Edition 5.0: 2002-03 IEC 60335-2-3 Edition 6.0: 2012-03	
3	Microwave ovens	See scope of accreditation page 15 of 23 IEC 60335-2-25 Edition 5.0: 2002-03 IEC 60335-2-25 Edition 6.0: 2010-09	
4	Refrigerators	See scope of accreditation page 15 of 23 IEC 60335-2-24 Edition 6.0: 2002-10	
5	Rice cookers/ Electrical Multi-Purpose Cookers	See scope of accreditation page 17 of 23 IEC 60335-2-15 Edition 5.0: 2002	
6	Washing Machines	See scope of accreditation page 15 of 23 IEC 60335-2-7 Edition 7.0: 2008-06 IEC 60335-2-7: 2008 Amendment 1: 2011-12	
7	Portable Socket Outlets	See scope of accreditation page 19 of 23 IEC 60884-1 Edition 3.2: 2013- 02	
8	Socket outlets (fixed)	See scope of accreditation page 19 of 23 IEC 60884-1 Edition 3.2: 2013- 02	
9	Plugs	See scope of accreditation page 19 of 23 IEC 60884-1 Edition 3.2: 2013- 02	

**SINGAPORE**

Designated Testing Laboratory

Electrical and Electronic Product Testing Center (PTEC)

No.	Scope of Designation/ Product	Standard	Basis for Designation
1	Coffee maker, slow cooker, steam boat and similar appliances	See scope of accreditation page 17 of 23 IEC 60335-2-15 Edition 6.0: 2012-11	
2	Iron	See scope of accreditation page 16 of 23 IEC 60335-2-3 Edition 5.0: 2002-03 IEC 60335-2-3 Edition 6.0: 2012-03	
3	Rice cooker	See scope of accreditation page 17 of 23 IEC 60335-2-15 Edition 5.0: 2002	
4	Table/Standing fan	See scope of accreditation page 18 of 23 IEC 60335-2-80 Edition 3.0: 2015-04	
5	Toaster, grill, roaster, hot plate, deep fryer, wok and similar appliances (applicable for deep fryer, electric work and similar appliances)	See scope of accreditation page 18 of 23 IEC 60335-2-13 Edition 5.0: 2002-10 IEC 60335-2-13 Edition 6.0: 2009-12	
6	Wall/Ceiling fan	See scope of accreditation page 18 of 23 IEC 60335-2-80 Edition 3.0: 2015-04	

<b>VIET NAM</b>			
Designated Testing Laboratory			
Electrical and Electronic Product Testing Center (PTEC)			
No.	Scope of Designation/ Product	Standard	Basis for Designation
1	Instantaneous water heaters	See scope of accreditation page 16 of 23 IEC 60335-2-35 Edition 4.0: 2002-10 IEC 60335-2-35 Edition 5.0: 2012-11	TISI NSC- ONSC Accreditation No. 19T028/0805
		See scope of accreditation page 5 of 23 CISPR 14-1 Edition 5.0: 2005-11 CISPR 14-1 Edition 5.2: 2011-11 CISPR 14-1 Edition 6.0: 2016-08	
2	Electrical hair dryers	See scope of accreditation page 16 of 23 IEC 60335-2-23 Edition 5.0: 2003-01 IEC 60335-2-23: 2003 Amendment 1: 2008-01 IEC 60335-2-23 Edition 5.2: 2012-03	
3	Electric Kettle	See scope of accreditation page 17 of 23 IEC 60335-2-15 Edition 6.0: 2012-11	
4	Rice cooker	See scope of accreditation page 17 of 23 IEC 60335-2-15 Edition 5.0: 2002	
5	Electric fans	See scope of accreditation page 18 of 23 IEC 60335-2-80 Edition 3.0: 2015-04	
6	Electric Iron	See scope of accreditation page 16 of 23 IEC 60335-2-3 Edition 5.0: 2002-03 IEC 60335-2-3 Edition 6.0: 2012-03	
7	Microwave oven	See scope of accreditation page 15 of 23 IEC 60335-2-25 Edition 5.0: 2002-03 IEC 60335-2-25 Edition 6.0: 2010-09	
8	Tea/coffee maker	See scope of accreditation page 17 of 23 IEC 60335-2-15 Edition 6.0: 2012-11	
9	Hands dryers	See scope of accreditation page 16 of 23 IEC 60335-2-23 Edition 5.0: 2003-01 IEC 60335-2-23:2003 Amendment 1: 2008-01 IEC 60335-2-23 Edition 5.2: 2012-03	
10	Hand-held motor-operated drill	See scope of accreditation page 5 of 23 CISPR 14-1 Edition 5.0: 2005-11 CISPR 14-1 Edition 5.2: 2011-11 CISPR 14-1 Edition 6.0: 2016-08	
11	Self-ballasted fluorescent lamp	See scope of accreditation page 6 of 23 CISPR 15 Edition 7.0: 2005-11 CISPR 15 Edition 7.2: 2009-01 CISPR 15 Edition 8.0: 2013-05 CISPR 15 Edition 8.1: 2015-03 CISPR 15 Edition 9.0: 2018-05	
12	Vacuum cleaner	See scope of accreditation page 5 of 23 CISPR 14-1 Edition 5.0: 2005-11 CISPR 14-1 Edition 5.2: 2011-11 CISPR 14-1 Edition 6.0: 2016-08	

<b>VIET NAM</b>			
Designated Testing Laboratory			
Electrical and Electronic Product Testing Center (PTEC)			
No.	Scope of Designation/ Product	Standard	Basis for Designation
13	Washing machine	See scope of accreditation page 5 of 23 CISPR 14-1 Edition 5.0: 2005-11 CISPR 14-1 Edition 5.2: 2011-11 CISPR 14-1 Edition 6.0: 2016-08	TISI NSC- ONSC Accreditation No. 19T028/0805
14	Refrigerator, freezer	See scope of accreditation page 5 of 23 CISPR 14-1 Edition 5.0: 2005-11 CISPR 14-1 Edition 5.2: 2011-11 CISPR 14-1 Edition 6.0: 2016-08	
15	Air conditioner	See scope of accreditation page 5 of 23 CISPR 14-1 Edition 5.0: 2005-11 CISPR 14-1 Edition 5.2: 2011-11 CISPR 14-1 Edition 6.0: 2016-08	