



**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 and the date of designation appears as ANNEX 1.

Intertek Testing Services (Thailand) Limited (ITS Thailand-1) at 1285/5 Prachachuen Road, Wong sawang, Bangsue, Bangkok 10800 Thailand as listed testing laboratory for Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore and Vietnam.

This listing was made on 14 April 2020.

JOINT SECTORAL COMMITTEE FOR ELECTRICAL AND ELECTRONIC EQUIPMENT.

(Mr. Sim Choon Siong)
Chair

(Ms. Kamonwan Chamlerdwat)
Vice-Chair

SCOPE OF DESIGNATION

Intertek Testing Services (Thailand) Limited (ITS Thailand-1) as listed Testing Laboratory for Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore and Vietnam

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Designation: General Manager

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BRUNEI DARUSSALAM		
Accreditation Basis: IECEE Accreditation No. TL 158		
Designated Date: 14 April 2020 – 13 April 2023		
Designated Testing Laboratory : ITS Thailand-1		
No	Scope of Designation	Testing Standards
1.	Adaptor-for electronic, electrical, computer and telephonic appliances	IEC 60065
2.	Audio Product	IEC 60065
3.	Coffee Maker, slow cooker, steam boat and similar appliances	IEC 60335-2-15
4.	Hairdryer	IEC 60335-2-23
5.	Iron	IEC 60335-2-3
6.	Kettle	IEC 60335-2-15
7.	Laser Disc Set	IEC 60065
8.	Microwave Oven	IEC 60335-2-25
9.	Mixer, blender, mincer and similar appliances	IEC 60335-2-14
10.	Mobile Split Air-conditioner	IEC 60335-2-40
11.	Refrigerator	IEC 60335-2-24
12.	Rice Cooker	IEC 60335-2-15
13.	Room air-conditioner	IEC 60335-2-40
14.	Table lamp or standing lamp	IEC 60598-2-4
15.	Table or standing fan	IEC 60335-2-80
16.	Television or video display unit	IEC 60065

BRUNEI DARUSSALAM**Accreditation Basis:** IECEE Accreditation No. TL 158**Designated Date:** 14 April 2020 – 13 April 2023**Designated Testing Laboratory :** ITS Thailand-1

No	Scope of Designation	Testing Standards
17.	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 work and similar appliances	IEC 60335-2-9 IEC 60335-2-13
18.	Vacuum cleaner	IEC 60335-2-2
19.	Video Cassette Recorder	IEC 60065
20.	Wall fan Ceiling fan	IEC 60335-2-7
21.	Washing Machine	IEC 60335-2-7

CAMBODIA**Accreditation Basis:** IECEE Accreditation No. TL 158**Designated Date:** 14 April 2020 – 13 April 2023**Designated Testing Laboratory :** ITS Thailand-1

No	Scope of Designation	Testing Standards
1.	Electric fans	IEC 60335-1 :2002 IEC 60335-2-80 :2002
2.	Refrigerators, Freezers and other refrigerating or freezing equipment	IEC 60335-1 :2002 IEC 60335-2-24 :2002
3.	Electric washing machine	IEC 60335-1 :2002 IEC 60335-2-7 :2002 IEC 60335-2-4 :2002
4.	Adaptor	IEC 60065 :2001
5.	Vacuum Cleaners	IEC 60335-1 :2002 IEC 60335-2-2 :2002
6.	Food mixer/ blenders	IEC 60335-1 :2002 IEC 60335-2-14 :2002
7.	Electric Hair Dryers	IEC 60335-1 :2002 IEC 60335-2-23 :2003
8.	Electrical Iron	IEC 60335-1 : 2002 IEC 60335-2-3 :2002
9.	Electric Kettles	IEC 60335-1 :2002 IEC 60335-2-15 :2003 IEC 60335-2-13 :1993
10.	Electric Microwave Ovens	IEC 60335-1 :2002 IEC 60335-2-25 :2002
11.	Electrical Deep Fryers	IEC 60335-1 :2002 IEC 60335-2-13 :1993
12.	Electrical multi-Purpose Cookers	IEC 60335-1 :2002 IEC 60335-2-15 :2002 IEC 60335-2-13 :1993 IEC 60335-2-9 :2005
13.	Electrical Ovens, cookers, cooking plates, boiling rings, grillers and roasters	IEC 60335-1 :2002 IEC 60335-2-9 :2005
14.	HI-FI Sets	IEC 60065 :2001
15.	Television	IEC 60065 :2001
16.	Electric fans	IEC 60335-1 :2002 IEC 60335-2-80 :2002
17.	Refrigerators, Freezers and other refrigerating or freezing equipment	IEC 60335-1 :2002 IEC 60335-2-24 :2002
18.	Electric table, desk, bedside or floor-standing lamps	IEC 60598-1 :2003 IEC 60598-2-4 :1997
19.	Lighting Chains	IEC 60598-1 :2003
20.	Electric instantaneous or storage water heater and immersion	IEC 60335-1 :2002 IEC 60335-2-21 :1997

INDONESIA

Accreditation Basis: IECEE Accreditation No. TL 158

Designated Date: 14 April 2020 – 13 April 2023

Designated Testing Laboratory : ITS Thailand-1

No	Scope of Designation	Testing Standards
1.	Luminaires – Part 1: General requirements and tests	IEC 60598-1 (2003)
2.	Luminaires – Part 2-1: Particular requirements – Fixed general purpose luminaires	IEC 60598-2-1 (1979)
3.	Safety of household and similar electrical appliances – Part 2-41: Particular requirements for pumps	IEC 60335-2-41 (2002-10)
4.	Household and similar electrical appliances – Safety – Part 2-3: Particular requirements for electric irons	IEC 60335-2-3 (2002-03)
5.	Air conditioner	IEC 60335-2-40 (2005-07)
6.	Refrigerator	IEC 60335-2-24 (2005-04)
7.	Washing machine	IEC 60335-2-7 (2004-11)

LAO PDR

Accreditation Basis: IECEE Accreditation No. TL 158

Designated Date: 14 April 2020 – 13 April 2023

Designated Testing Laboratory : ITS Thailand-1

No	Scope of Designation	Testing Standards
1.	Safety of household and similar electrical appliances – Part2-11: Particular requirements for tumble dryers.	IEC 60335-2-11, Ed.5:2000
2.	Safety of household and similar electrical appliances – Part 2-34: Particular requirements for motor – compressors.	IEC 60335-2-34, Ed.3:1999
3.	Safety of household and similar electrical appliances – Part2: Particular requirements for electrical heat pumps, air- conditioners and dehumidifiers.	IEC 60335-2-40, Ed.3:1995

MALAYSIA		
Accreditation Basis: IECEE Accreditation No. TL 158		
Designated Date: 14 April 2020 – 13 April 2023		
Designated Testing Laboratory : ITS Thailand-1		
No	Scope of Designation	Testing Standards
1.	Lamps Fitting	
	<ul style="list-style-type: none"> – Fixed general purpose luminaires (Excluding Tube/ Bulb) – Batten Luminaires (excluding Tube/Bulb) – Luminaires with self-ballasted florescent lamp 	IEC 60598-1:2008 IEC 60598-2-1: 2009
	Recessed Luminaries (excluding Tube/Bub)	IEC 60598-1:2008 IEC 60598-2-2:2011
2.	Portable Luminaire Lamp	
	<ul style="list-style-type: none"> – Standing Lamp with detachable or non-detachable mains supply flexible cord – Standing Lamp & adaptor – Table lamp & adaptor 	IEC 60598-1:2003 IEC 60598-2-4:1997
3.	Kettle including Heating Elements if Supplied Separately	
	Deep Fryer	IEC 60335-1:2006 IEC 60335-2-13:2004
	Heating Liquids such as: Coffee/Tea maker, Food Steamer, Egg Boiler, Jug, Slow Cooker, Steam Boat, Kettle, Airpot, Bottle Warmer, Sterillizer	IEC 60335-1:2006 IEC 60335-2-15:2002
	Multi-Purpose cooker	IEC 60335-1:2006 IEC 60335-2-13:2004 IEC 60335-2-15: ED.5.1.(2002)
	Water Dispenser/Filter	IEC 60335-1:2004
	Water Dispenser – Hot	IEC 60335-1:2004 IEC 60335-2-15:2002
	Water Dispenser – Cold	IEC 60335-1:2004 IEC 60335-2-24:2010* *with modification
	Water Dispenser – Hot and Cold	IEC 60335-1:2004 IEC 60335-2-15:2002 IEC 60335-2-24:2010* *with modification
4.	Kitchen Machine	
	Blender, Chopper, Food Processor, Juice Extractor, Grinder, Mixer	IEC 60335-1:2006 IEC 60335-2-14:2002

MALAYSIA		
Accreditation Basis: IECEE Accreditation No. TL 158		
Designated Date: 14 April 2020 – 13 April 2023		
Designated Testing Laboratory : ITS Thailand-1		
No	Scope of Designation	Testing Standards
5.	Toaster/Oven (Cooking Appliance)	
	Bread Maker, Bread Toaster, Portable Oven, Induction Cooker, Grill, Sandwich Maker/Waffle Maker, Roaster	IEC 60335-1:2006 IEC 60335-2-9:2005
	Microwave Oven	IEC 60335-1:2006 IEC 60335-2-25:2010
6.	Rice Cooker	
	Rice Cooker	IEC 60335-1:2006 IEC 60335-2-15:2002
7.	Refrigerator	
	Refrigerator, Freezer, Minibar	IEC 60335-1:2010 IEC 60335-2-24:2009* *with modification
8.	Water Heater including Heating Elements if Supplied Separately	
	Storage Water Heater	IEC 60335-1:2006 IEC 60335-2-21:2004 with modification
	Instantaneous Water Heater	IEC 60335-1:2006 IEC 60335-2-35:2006 with modification
9.	Washing Machine	
	Washing Machine having drying	IEC 60335-1:2006 IEC 60335-2-7:2003 **with modification
	Washing Machine with Separate spin container	IEC 60335-1:2008 IEC 60335-2-4:2004 IEC 60335-2-7:2003 **with modification
	Tumbler Dryers	IEC 60335-1:2006 IEC 60335-2-11:2012
10.	Fan	
	Moving-louver fan, Ceiling fan, Auto fan, Pedestal fan, Table fan, Wall fan & applies to their separate regulators and with blade	IEC 60335-1:2006 IEC 60335-2-80:2004 * *with modification
	Ventilating fan, Decorative fan & applies to their separate regulators and fan without blade	IEC 60335-1:2006 IEC 60335-2-80:2004 * *with modification
	Humidifiers (eg. Air Cooler)	IEC 60335-1:2006 IEC 60335-2-98:2008

MALAYSIA		
Accreditation Basis: IECEE Accreditation No. TL 158		
Designated Date: 14 April 2020 – 13 April 2023		
Designated Testing Laboratory : ITS Thailand-1		
No	Scope of Designation	Testing Standards
11.	Hand Operated Hair Dryer/ Hair care/ Skin care	
	Hair Dryer, Hair Styling Set, Ionic Facial Steamer or similar to it	IEC 60335-1:2006 IEC 60335-2-23:2005
12.	Iron	
	Iron	IEC 60335-1:2006 IEC 60335-2-3:2005
13.	Vacuum Cleaner	
	Vacuum Cleaner, Water Suction Cleaner	IEC 60335-1:2006 IEC 60335-2-2:2004
14.	Hi-Fidelity Set	
	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
15.	Video and Visual Display unit	
	Electronic appliances such as: LCD, LED, Plasma, CRT, and similar to it	IEC 60065:2005
16.	Audio and Video Player unit	
	VCD, Laser Disc, Video Cassette Recorder, DVD, Video Rewinder, Children Video Game	IEC 60065:2005
17.	Air Conditioner	
	Split Air-conditioner, Portable Air-conditioner, Ceiling Air- conditioner (Cooling Capacity of 32,000 Btu/hr & below)	IEC 60335-1:2006 IEC 60335-2-40:2005
18.	Adaptor/ Charger	
	Audio video equipment	IEC 60065:2005

MYANMAR**Accreditation Basis:** IECEE Accreditation No. TL 158**Designated Date:** 14 April 2020 – 13 April 2023**Designated Testing Laboratory :** ITS Thailand-1

No	Scope of Designation	Testing Standards
1.	Electrical hair dryer	IEC 60335-2-23 Ed.5.1. (2008-03)
2.	Electrical heat pumps	IEC 60335-2-40 Ed.4.2. (2005-07)
3.	Electric iron	IEC 60335-1 IEC 60335-2-3:1993 Amd.1+Amd.2:1999 IEC 60335-2-3 Ed.5.2. (2008-07)
4.	Mobile split air-conditioners	IEC 60335-2-40 Ed.4.2 (2005-07)
5.	Electric fans	IEC 60335-2-80 Ed.2.0 (2002-10)
6.	Electric fryers	IEC 60335-2-15 Ed.5.2 (2008-09)
7.	Electric hair styling set	IEC 60335-2-23 Ed.5.1 (2008-03)
8.	Refrigerator	IEC 60335-1:1991 Amd.1:1994 IEC 60335-2-80:2000
9.	Rice cookers/ electrical multipurpose cookers	IEC 60335-2-15 Ed.5.2 (2008-09)
10.	Fan motor (safety)	IEC 60335-2-34: 2000
11.	Water pumps (safety)	IEC 60335-2-40 Ed.4.2 (2005-07)

PHILIPPINES**Accreditation Basis:** IECEE Accreditation No. TL 158**Designated Date:** 14 April 2020 – 13 April 2023**Designated Testing Laboratory :** ITS Thailand-1

No	Scope of Designation	Testing Standards
1.	Safety of household and similar electrical appliances Part 2-24: Particular requirements for refrigerating appliances, ice cream appliances and ice makers	IEC 60335-2-24:2000
2.	Safety requirements for electric irons	IEC 60335-2-3:1993 Amd.01:1999
3.	Safety requirements for appliances for heating liquids	IEC 60335-2-15:1995
4.	Audio, Video & Similar electronic apparatus - Safety	IEC 60065:1998
5.	Safety requirements for toasters, grills, roasters and similar appliances	IEC 60335-2-9:1993
6.	General requirements for safety of household and similar electrical appliances	IEC 60335-1:1991 Amd.01:1994
7.	Safety requirements for vacuum cleaners and water suction cleaning appliances	IEC 60335-2-2:1993
8.	Safety requirements for kitchen machines	IEC 60335-2-14:1984
9.	Luminaires	IEC 60598-1:1992
10.	Safety requirements for spin extractor	IEC 60335-2-4:1993
11.	Safety requirements for stationary cooking ranges, hobs, ovens and similar appliances	IEC 60335-2-6:1997 Amd.01:2000
12.	Safety requirements for washing machines	IEC 60335-2-7:2000
13.	Safety requirements for microwave ovens	IEC 60335-2-25:1996
14.	Safety requirements for instantaneous water heaters	IEC 60335-2-35:1997
15.	Safety requirements for electrical heat pumps air-conditioners and dehumidifiers	IEC 60335-2-40:1995
16.	Safety requirements for Fans	IEC 60335-2-80:1997
17.	Double-capped Fluorescent lamps (Linear)	IEC 61195:1999
18.	Single-capped fluorescent lamps (Circular)	IEC 61199:1999

SINGAPORE**Accreditation Basis:** IECEE Accreditation No. TL 158**Designated Date:** 14 April 2020 – 13 April 2023**Designated Testing Laboratory :** ITS Thailand-1

No	Scope of Designation	Testing Standards
1.	Adaptor	IEC 60065:2001 IEC 62368-1: 2014 (For electronic appliances)
2.	Audio and video products	IEC 60065:2001 IEC 62368-1: 2014
3.	Coffee maker, slow cooker, steam boat and similar appliances	IEC 60335-2-15:2002
4.	Hair care appliance	IEC 60335-2-23:2003
5.	Home computer system (inclusive of monitor, printer, speaker and other mains operated accessories)	IEC 62368-1: 2014
6.	Iron	IEC 60035-2-3:2002
7.	Liquid heating appliances	IEC 60335-2-15:2002 IEC 60335-2-21: 2004 (hot water dispenser-storage type) IEC 60335-2-35: 2002 (hot water dispenser-instantaneous type)
8.	Microwave Oven	IEC 60335-2-25:2002
9.	Refrigerator	IEC 60335-2-24:2000
10.	Rice cooker	IEC 60335-2-15:2002
11.	Room Air Conditioner	IEC 60335-2-40:2002
12.	Table lamp/standing lamp	IEC 60598-2-4:2017
13.	Toaster, grill, roaster, hot plate and similar appliances	IEC 60335-2-9:2002 (applicable for toaster, hot plate(including induction type), grill, oven and similar appliances) IEC 60335-2-13:2002 (applicable for deep fryer, electric work and similar appliances)
14.	Vacuum cleaner	IEC 60335-2-2:2002
15.	Washing machine	IEC 60335-2-7:2000
16.	Fan	IEC 60335-2-80:2002 (not including ceiling fans)
17.	Water Heater	IEC 60333-2-35:2002 (Instantaneous electric water heater) IEC 60335-2-21: 2004 (Mains pressure electric storage water heater)
18.	Air Cooler	IEC 60335-2-98: 2002
19.	Stationary cooking appliances	IEC 60335-2-6: 2002

VIET NAM**Accreditation Basis:** IECEE Accreditation No. TL 158**Designated Date:** 14 April 2020 – 13 April 2023**Designated Testing Laboratory :** ITS Thailand-1

No	Scope of Designation	Testing Standards
1.	Instantaneous water heaters	IEC 60335-2-35:2006 CISPR 14-1:2009
2.	Storage water heater	IEC 60335-2-21: 2004
3.	Hair dryer and other hair- made tools	IEC 60335-2-23:2003
4.	Electric Kettle	IEC 60335-2-15:2005
5.	Rice Cooker	IEC 60335-2-15:2005
6.	Electric Fan	IEC 60335-2-80:2004
7.	Electric Irons	IEC 60335-2-3:2005
8.	Microwave Ovens	IEC 60335-2-25:2006
9.	Electric oven, electric grill (mobile type)	IEC 60335-2-9: 2002, amendment 1: 2004
10.	Tea/ coffee maker	IEC 60335-2-15:2005
11.	Hands dryer	IEC 60335-2-23:2003
12.	Hand-held motor-operated drill	CISPR 14-1:2009
13.	Vacumn cleaner	CISPR 14-1:2009
14.	Washing machine	CISPR 14-1:2009
15.	Refrigerator, freezer	CISPR 14-1:2009
16.	Air conditioner	CISPR 14-1:2009