



**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. Hartono Istana Teknologi** with address at Jl. KHR. Asnawi PO. BOX 126, Kudus, Jawa Tengah, 59332 as listed testing laboratory for Brunei Darussalam, Cambodia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand, and Vietnam.

*This listing was made on 5 April 2022 and will be valid until 4 April 2025*

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

(Ms. Doan Thi Thanh Van)  
Chair

(Mr. Mao Thira)  
Vice-Chair

**SCOPE OF DESIGNATION**

**PT. Hartono Istana Teknologi** as listed testing laboratory for for Brunei Darussalam, Cambodia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand, and Vietnam.

Contact Address: Jl. KHR. Asnawi PO. BOX 126, Kudus, Jawa Tengah, 59332

Tel: +62 291 433255/66

Fax: +62 291 431948

Contact Person: Mr. Josaphat Bagus Purnama

Designation: Head of Laboratory

E-mail: lab@polytron.co.id

<b>BRUNEI DARUSSALAM</b> <b>Accreditation:</b> 1) KAN Certification Body Accreditation (LP-260-IDN) 2) SNI ISO/IEC 17025:2017 (SNI ISO/IEC 17025:2017) <b>Designated Date:</b> 5 April 2022 – 4 April 2025 <b>Designated Testing Laboratory:</b> PT Hartono Istana Teknologi		
No	Scope of Designation	Standard
1	Electric iron	IEC 60335-1:2001 Ed 4.0 IEC 60335-1:2004 Ed 4.1 IEC 60335-2-3:2002 Ed 5.0 IEC 60335-2-3:2005 Ed 5.1
2	Spin extractors	IEC 60335-1:2004 Ed 4.1 IEC 60335-2-4:2008 Ed 6.0
3	Washing machine	IEC 60335-1:2004 Ed 4.1 IEC 60335-2-7:2004 Ed 6.1
4	Kitchen machines (blender, juicer)	IEC 60335-1:2010 Ed 5.0 IEC 60335-2-14:2008 Ed 5.1
5	Heating liquid	IEC 60335-1:2010 Ed 5.0 IEC 60335-2-15:2008 Ed 5.2
6	Refrigerator, freezer	IEC 60335-1:2004 Ed 4.1 IEC 60335-1:2010 Ed 5.0 IEC 60335-2-24:2005 Ed 6.1 IEC 60335-2-24:2010 Ed 7.0
7	Air conditioner	IEC 60335-1:2004 Ed 4.1 IEC 60335-2-40:2005 Ed 4.2

**BRUNEI DARUSSALAM**

**Accreditation:** 1) KAN Certification Body Accreditation (LP-260-IDN)  
2) SNI ISO/IEC 17025:2017 (SNI ISO/IEC 17025:2017)

**Designated Date:** 5 April 2022 – 4 April 2025

**Designated Testing Laboratory:** PT Hartono Istana Teknologi

<b>No</b>	<b>Scope of Designation</b>	<b>Standard</b>
8	Electric fan	IEC 60335-1:2004 Ed 4.1 IEC 60335-2-80:2008 Ed 2.2
9	Commercial refrigerators	IEC 60335-1:2010 Ed 5.0 IEC 60335-2-89:2012
10	Information technology equipment (ITE)	IEC 60950-1 Ed. 2 IEC 60950-1 Ed. 2.0 (2009-12) IEC 60950-1 Ed. 2.0 (2013-05)
11	Audio, video and similar electronic apparatus	IEC 60065 Ed. 7 2001-12 IEC 60065 Ed. 7.1 2005-12 IEC 60065 Ed. 7.2 2011-02 IEC 60065 Ed. 8.0 2014-06

**CAMBODIA**

**Accreditation:** 1) KAN Certification Body Accreditation (LP-260-IDN)  
2) SNI ISO/IEC 17025:2017 (SNI ISO/IEC 17025:2017)

**Designated Date:** 5 April 2022 – 4 April 2025

**Designated Testing Laboratory:** PT Hartono Istana Teknologi

<b>No</b>	<b>Scope of Designation</b>	<b>Standard</b>
1	Electric iron	IEC 60335-1:2001 Ed 4.0 IEC 60335-1:2004 Ed 4.1 IEC 60335-2-3:2002 Ed 5.0 IEC 60335-2-3:2005 Ed 5.1
2	Spin extractors	IEC 60335-1:2004 Ed 4.1 IEC 60335-2-4:2008 Ed 6.0
3	Washing machine	IEC 60335-1:2004 Ed 4.1 IEC 60335-2-7:2004 Ed 6.1
4	Kitchen machines (blender, juicer)	IEC 60335-1:2010 Ed 5.0 IEC 60335-2-14:2008 Ed 5.1
5	Heating liquid	IEC 60335-1:2010 Ed 5.0 IEC 60335-2-15:2008 Ed 5.2
6	Refrigerator, freezer	IEC 60335-1:2004 Ed 4.1 IEC 60335-1:2010 Ed 5.0 IEC 60335-2-24:2005 Ed 6.1 IEC 60335-2-24:2010 Ed 7.0
7	Air conditioner	IEC 60335-1:2004 Ed 4.1 IEC 60335-2-40:2005 Ed 4.2
8	Electric fan	IEC 60335-1:2004 Ed 4.1 IEC 60335-2-80:2008 Ed 2.2
9	Commercial refrigerators	IEC 60335-1:2010 Ed 5.0 IEC 60335-2-89:2012
10	Information technology equipment (ITE)	IEC 60950-1 Ed. 2 IEC 60950-1 Ed. 2.0 (2009-12) IEC 60950-1 Ed. 2.0 (2013-05)
11	Audio, video and similar electronic apparatus	IEC 60065 Ed. 7 2001-12 IEC 60065 Ed. 7.1 2005-12 IEC 60065 Ed. 7.2 2011-02 IEC 60065 Ed. 8.0 2014-06

**LAO PDR**

**Accreditation:** 1) KAN Certification Body Accreditation (LP-260-IDN)  
2) SNI ISO/IEC 17025:2017 (SNI ISO/IEC 17025:2017)

**Designated Date:** 5 April 2022 – 4 April 2025

**Designated Testing Laboratory:** PT Hartono Istana Teknologi

<b>No</b>	<b>Scope of Designation</b>	<b>Standard</b>
1	Electric iron	IEC 60335-1:2001 Ed 4.0 IEC 60335-1:2004 Ed 4.1 IEC 60335-2-3:2002 Ed 5.0 IEC 60335-2-3:2005 Ed 5.1
2	Spin extractors	IEC 60335-1:2004 Ed 4.1 IEC 60335-2-4:2008 Ed 6.0
3	Washing machine	IEC 60335-1:2004 Ed 4.1 IEC 60335-2-7:2004 Ed 6.1
4	Kitchen machines (blender, juicer)	IEC 60335-1:2010 Ed 5.0 IEC 60335-2-14:2008 Ed 5.1
5	Heating liquid	IEC 60335-1:2010 Ed 5.0 IEC 60335-2-15:2008 Ed 5.2
6	Refrigerator, freezer	IEC 60335-1:2004 Ed 4.1 IEC 60335-1:2010 Ed 5.0 IEC 60335-2-24:2005 Ed 6.1 IEC 60335-2-24:2010 Ed 7.0
7	Air conditioner	IEC 60335-1:2004 Ed 4.1 IEC 60335-2-40:2005 Ed 4.2
8	Electric fan	IEC 60335-1:2004 Ed 4.1 IEC 60335-2-80:2008 Ed 2.2
9	Commercial refrigerators	IEC 60335-1:2010 Ed 5.0 IEC 60335-2-89:2012
10	Information technology equipment (ITE)	IEC 60950-1 Ed. 2 IEC 60950-1 Ed. 2.0 (2009-12) IEC 60950-1 Ed. 2.0 (2013-05)
11	Audio, video and similar electronic apparatus	IEC 60065 Ed. 7 2001-12 IEC 60065 Ed. 7.1 2005-12 IEC 60065 Ed. 7.2 2011-02 IEC 60065 Ed. 8.0 2014-06

**MALAYSIA**

**Accreditation:** 1) KAN Certification Body Accreditation (LP-260-IDN)  
2) SNI ISO/IEC 17025:2017 (SNI ISO/IEC 17025:2017)

**Designated Date:** 5 April 2022 – 4 April 2025

**Designated Testing Laboratory:** PT Hartono Istana Teknologi

<b>No</b>	<b>Scope of Designation</b>	<b>Standard</b>
1	Iron	IEC 60335-1:2001 Ed 4.0 IEC 60335-1:2004 Ed 4.1 IEC 60335-2-3:2002 Ed 5.0 IEC 60335-2-3:2005 Ed 5.1
2	Washing Machine with separate spin container	IEC 60335-1:2004 Ed 4.1 IEC 60335-2-4:2008 Ed 6.0
3	Blender, Chopper, Food Processor, Juice Extractor, Grinder, Mixer	IEC 60335-1:2010 Ed 5.0 IEC 60335-2-14:2008 Ed 5.1
4	Heating Liquids such as: Coffee/Tea Maker, Food Steamer, Egg Boiler, Jug, Slow Cooker, Steamboat, Kettle, Airpot, Bottle Warmer, Sterillizer	IEC 60335-1:2010 Ed 5.0 IEC 60335-2-15:2008 Ed 5.2
5	Adaptor for IT Equipment (up to 20V)	IEC 60950-1 Ed. 2 IEC 60950-1 Ed. 2.0 (2009-12) IEC 60950-1 Ed. 2.0 (2013-05)
6	IT & Office products	IEC 60950-1 Ed. 2 IEC 60950-1 Ed. 2.0 (2009-12) IEC 60950-1 Ed. 2.0 (2013-05)
7	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, Turntables/record Players, Compact Disc Player, Audio/Video Recorder up to 4 channels, Electronic appliances such as: LCD, LED, Plasma, CRT, And similar to it, VCD, Laser Disc, Video Cassette Recorder, DVD, Video Rewinder, Children Video Game, and Adaptor for Audio Video equipment	IEC 60065 Ed. 7 2001-12 IEC 60065 Ed. 7.1 2005-12 IEC 60065 Ed. 7.2 2011-02 IEC 60065 Ed. 8.0 2014-06

**MYANMAR**

**Accreditation:** 1) KAN Certification Body Accreditation (LP-260-IDN)  
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**Designated Testing Laboratory:** PT Hartono Istana Teknologi

<b>No</b>	<b>Scope of Designation</b>	<b>Standard</b>
1	Electric iron	IEC 60335-1:2001 Ed 4.0 IEC 60335-1:2004 Ed 4.1 IEC 60335-2-3:2002 Ed 5.0 IEC 60335-2-3:2005 Ed 5.1
2	Spin extractors	IEC 60335-1:2004 Ed 4.1 IEC 60335-2-4:2008 Ed 6.0
3	Washing machine	IEC 60335-1:2004 Ed 4.1 IEC 60335-2-7:2004 Ed 6.1
4	Kitchen machines (blender, juicer)	IEC 60335-1:2010 Ed 5.0 IEC 60335-2-14:2008 Ed 5.1
5	Heating liquid	IEC 60335-1:2010 Ed 5.0 IEC 60335-2-15:2008 Ed 5.2
6	Refrigerator, freezer	IEC 60335-1:2004 Ed 4.1 IEC 60335-1:2010 Ed 5.0 IEC 60335-2-24:2005 Ed 6.1 IEC 60335-2-24:2010 Ed 7.0
7	Air conditioner	IEC 60335-1:2004 Ed 4.1 IEC 60335-2-40:2005 Ed 4.2
8	Electric fan	IEC 60335-1:2004 Ed 4.1 IEC 60335-2-80:2008 Ed 2.2
9	Commercial refrigerators	IEC 60335-1:2010 Ed 5.0 IEC 60335-2-89:2012
10	Information technology equipment (ITE)	IEC 60950-1 Ed. 2 IEC 60950-1 Ed. 2.0 (2009-12) IEC 60950-1 Ed. 2.0 (2013-05)
11	Audio, video and similar electronic apparatus	IEC 60065 Ed. 7 2001-12 IEC 60065 Ed. 7.1 2005-12 IEC 60065 Ed. 7.2 2011-02 IEC 60065 Ed. 8.0 2014-06

**PHILIPINES**

**Accreditation:** 1) KAN Certification Body Accreditation (LP-260-IDN)  
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**Designated Date:** 5 April 2022 – 4 April 2025

**Designated Testing Laboratory:** PT Hartono Istana Teknologi

<b>No</b>	<b>Scope of Designation</b>	<b>Standard</b>
1	Safety requirements for electric irons	IEC 60335-2-3:2002 Ed 5.0 IEC 60335-2-3:2005 Ed 5.1
2	Safety requirements for spin extractors	IEC 60335-2-4:2008 Ed 6.0
3	Safety requirements for washing machines	IEC 60335-2-7:2004 Ed 6.1
4	Safety requirements for appliances for heating liquids	IEC 60335-2-15:2008 Ed 5.2
5	Safety requirements for Fans	IEC 60335-2-80:2008 Ed 2.2
6	Audio, video & similar electronic apparatus - Safety	IEC 60065 Ed. 7 2001-12 IEC 60065 Ed. 7.1 2005-12 IEC 60065 Ed. 7.2 2011-02 IEC 60065 Ed. 8.0 2014-06



**SINGAPORE**

**Accreditation:** 1) KAN Certification Body Accreditation (LP-260-IDN)  
2) SNI ISO/IEC 17025:2017 (SNI ISO/IEC 17025:2017)

**Designated Date:** 5 April 2022 – 4 April 2025

**Designated Testing Laboratory:** PT Hartono Istana Teknologi

<b>No</b>	<b>Scope of Designation</b>	<b>Standard</b>
1	Iron	IEC 60335-2-3:2002 Ed 5.0 IEC 60335-2-3:2005 Ed 5.1
2	Washing machine	IEC 60335-2-7:2004 Ed 6.1
3	Kitchen machines	IEC 60335-2-14:2008 Ed 5.1
4	Liquid heating appliances	IEC 60335-2-15:2008 Ed 5.2
5	Room air-conditioner	IEC 60335-2-40:2005 Ed 4.2
6	Fans	IEC 60335-2-80:2008 Ed 2.2
7	AC adaptor (for computer/telephonic appliances)	IEC 60950-1 Ed. 2 IEC 60950-1 Ed. 2.0 (2009-12) IEC 60950-1 Ed. 2.0 (2013-05)
8	Home computer system (inclusive of monitor, printer, speaker and other mains operated accessories)	IEC 60950-1 Ed. 2 IEC 60950-1 Ed. 2.0 (2009-12) IEC 60950-1 Ed. 2.0 (2013-05)
9	Audio and Video products	IEC 60065 Ed. 7 2001-12 IEC 60065 Ed. 7.1 2005-12 IEC 60065 Ed. 7.2 2011-02 IEC 60065 Ed. 8.0 2014-06

**THAILAND**

**Accreditation:** 1) KAN Certification Body Accreditation (LP-260-IDN)  
2) SNI ISO/IEC 17025:2017 (SNI ISO/IEC 17025:2017)

**Designated Date:** 5 April 2022 – 4 April 2025

**Designated Testing Laboratory:** PT Hartono Istana Teknologi

<b>No</b>	<b>Scope of Designation</b>	<b>Standard</b>
1	Electric irons	IEC 60335-2-3:2002 Ed 5.0 IEC 60335-2-3:2005 Ed 5.1
2	Washing machines: safety requirements	IEC 60335-2-7:2004 Ed 6.1
3	AC electric fans: safety requirements	IEC 60335-2-80:2008 Ed 2.2
4	Audio, video & similar electronic apparatus - Safety	IEC 60065 Ed. 7 2001-12 IEC 60065 Ed. 7.1 2005-12 IEC 60065 Ed. 7.2 2011-02 IEC 60065 Ed. 8.0 2014-06 TIS 1195-2536 (1993)

**VIET NAM**

**Accreditation:** 1) KAN Certification Body Accreditation (LP-260-IDN)  
2) SNI ISO/IEC 17025:2017 (SNI ISO/IEC 17025:2017)

**Designated Date:** 5 April 2022 – 4 April 2025

**Designated Testing Laboratory:** PT Hartono Istana Teknologi

<b>No</b>	<b>Scope of Designation</b>	<b>Standard</b>
1	Electric irons	IEC 60335-2-3:2002 Ed 5.0 IEC 60335-2-3:2005 Ed 5.1
2	Electric Kettle	IEC 60335-1:2010 Ed 5.0 IEC 60335-2-15:2008 Ed 5.2
3	Electric fans	IEC 60335-1:2004 Ed 4.1 IEC 60335-2-80:2008 Ed 2.2

