



**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/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.

Underwriters Laboratories (Thailand) Limited (UL Thailand) with address at 888 Moo 5, Srinakarin Road, Samrong Nuea, Mueang Samut Prakan, Samut Prakan as listed testing laboratory for Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar and Singapore.

This listing was made on 21 December 2018 and will be valid until 14 August 2021.

JOINT SECTORAL COMMITTEE FOR ELECTRICAL AND ELECTRONIC EQUIPMENT.

(Mr Neil Catajay)
Chair

(Mr. Sim Choon Siong)
Co-Chair

SCOPE OF DESIGNATION

Underwriters Laboratories (Thailand) Limited (UL Thailand) as listed testing laboratory for Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar and Singapore.

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BRUNEI DARUSSALAM Designated Testing Laboratory - UL Thailand -			
No	Scope of Designation	Testing Standards	Basis for Designation
1	Washing machine	IEC 60335-2-7:2008 IEC 60335-2-7:2008/AMD1:2011 IEC 60335-2-7:2008/AMD2:2016	IECEE CB Scheme No. TL682
		IEC 60335-2-7 Edition 6.0:2002 IEC 60335-2-7 Edition 6.1:2004 IEC 60335-2-7 Edition 6.2:2006 IEC 60335-2-7 Edition 7.0:2008 IEC 60335-2-7 Edition 7.1:2012 IEC 60335-2-7 Edition 7.2:2016	TISI NSC-ONSC Accreditation No. 18T067/0691
2	Refrigerator	IEC 60335-2-24:2010 IEC 60335-2-24:2010/AMD1:2012 IEC 60335-2-24:2010/AMD2:2017	IECEE CB Scheme No. TL682
		IEC 60335-2-24 Edition 5.0:2000 IEC 60335-2-24 Edition 6.0:2002 IEC 60335-2-24 Edition 6.1:2005 IEC 60335-2-24 Edition 6.2:2007 IEC 60335-2-24 Edition 7.0:2010 IEC 60335-2-24 Edition 7.1:2012 IEC 60335-2-24 Edition 7.2:2017	TISI NSC-ONSC Accreditation No. 18T067/0691
3	Air-conditioner	IEC 60335-2-40:2013 IEC 60335-2-40:2013/AMD1:2016	IECEE CB Scheme No. TL682
		IEC 60335-2-40 Edition 4.0:2002 IEC 60335-2-40 Edition 4.2:2005 IEC 60335-2-40 Edition 5.0:2013 IEC 60335-2-40 Edition 5.1:2016 IEC 60335-2-40 Edition 6.0:2018	TISI NSC-ONSC Accreditation No. 18T067/0691

CAMBODIA Designated Testing Laboratory - UL Thailand -			
No	Scope of Designation	Testing Standards	Basis for Designation
1	Electric washing machine	IEC 60335-2-7:2008 IEC 60335-2-7:2008/AMD1:2011 IEC 60335-2-7:2008/AMD2:2016	IECEE CB Scheme No. TL682
		IEC 60335-2-7 Edition 6.0:2002 IEC 60335-2-7 Edition 6.1:2004 IEC 60335-2-7 Edition 6.2:2006 IEC 60335-2-7 Edition 7.0:2008 IEC 60335-2-7 Edition 7.1:2012 IEC 60335-2-7 Edition 7.2:2016	TISI NSC-ONSC Accreditation No. 18T067/0691
2	Refrigerators, Freezers and other refrigerating or freezing equipment	IEC 60335-2-24:2010 IEC 60335-2-24:2010/AMD1:2012 IEC 60335-2-24:2010/AMD2:2017	IECEE CB Scheme No. TL682
		IEC 60335-2-24 Edition 5.0:2000 IEC 60335-2-24 Edition 6.0:2002 IEC 60335-2-24 Edition 6.1:2005 IEC 60335-2-24 Edition 6.2:2007 IEC 60335-2-24 Edition 7.0:2010 IEC 60335-2-24 Edition 7.1:2012 IEC 60335-2-24 Edition 7.2:2017	TISI NSC-ONSC Accreditation No. 18T067/0691

INDONESIA Designated Testing Laboratory - UL Thailand -			
No	Scope of Designation	Testing Standards	Basis for Designation
1	Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines	IEC 60335-2-7:2008 IEC 60335-2-7:2008/AMD1:2011 IEC 60335-2-7:2008/AMD2:2016	IECEE CB Scheme No. TL682
		IEC 60335-2-7 Edition 6.0:2002 IEC 60335-2-7 Edition 6.1:2004 IEC 60335-2-7 Edition 6.2:2006 IEC 60335-2-7 Edition 7.0:2008 IEC 60335-2-7 Edition 7.1:2012	TISI NSC-ONSC Accreditation No. 18T067/0691
2	Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers	IEC 60335-2-24:2010 IEC 60335-2-24:2010/AMD1:2012 IEC 60335-2-24:2010/AMD2:2017	IECEE CB Scheme No. TL682
		IEC 60335-2-24 Edition 5.0:2000 IEC 60335-2-24 Edition 6.0:2002 IEC 60335-2-24 Edition 6.1:2005 IEC 60335-2-24 Edition 6.2:2007 IEC 60335-2-24 Edition 7.0:2010	TISI NSC-ONSC Accreditation No. 18T067/0691
3	Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers	IEC 60335-2-40:2013 IEC 60335-2-40:2013/AMD1:2016	IECEE CB Scheme No. TL682
		IEC 60335-2-40 Edition 4.0:2002 IEC 60335-2-40 Edition 4.2:2005 IEC 60335-2-40 Edition 5.0:2013 IEC 60335-2-40 Edition 5.1:2016 IEC 60335-2-40 Edition 6.0:2018	TISI NSC-ONSC Accreditation No. 18T067/0691

LAO PDR Designated Testing Laboratory - UL Thailand -			
No	Scope of Designation	Testing Standards	Basis for Designation
1	Safety of household and similar electrical appliances – Part 2-34: Particular requirements for motor -compressors	IEC 60335-2-34:2012 IEC 60335-2-34:2012/AMD1:2015 IEC 60335-2-34:2012/AMD2:2016	IECEE CB Scheme No. TL682
		IEC 60335-2-34 Edition 4.0:2002 IEC 60335-2-34 Edition 4.2:2009 IEC 60335-2-34 Edition 5.0:2012 IEC 60335-2-34 Edition 5.1:2015 IEC 60335-2-34 Edition 5.2:2016	TISI NSC-ONSC Accreditation No. 18T067/0691
2	Safety of household and similar electrical appliances – Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers	IEC 60335-2-40:2013 IEC 60335-2-40:2013/AMD1:2016	IECEE CB Scheme No. TL682
		IEC 60335-2-40 Edition 4.0:2002 IEC 60335-2-40 Edition 4.2:2005 IEC 60335-2-40 Edition 5.0:2013 IEC 60335-2-40 Edition 5.1:2016 IEC 60335-2-40 Edition 6.0:2018	TISI NSC-ONSC Accreditation No. 18T067/0691
3	Safety of household and similar electrical appliances – Part 2-11: Particular requirements for tumble dryers	IEC 60335-2-11 Edition 7.0:2008 IEC 60335-2-11 Edition 7.1:2012 IEC 60335-2-11 Edition 7.2:2015	TISI NSC-ONSC Accreditation No. 18T067/0691

MALAYSIA Designated Testing Laboratory - UL Thailand -			
No	Scope of Designation	Testing Standards	Basis for Designation
1	Washing Machine having drying	IEC 60335-1:2006 IEC 60335-2-7:2008 IEC 60335-2-7:2008/AMD1:2011 IEC 60335-2-7:2008/AMD2:2016	IECEE CB Scheme No. TL682 & TISI NSC-ONSC Accreditation No. 18T067/0691
2	Refrigerator, Freezer, Minibar.	IEC 60335-1:2010 IEC 60335-2-24:2010 IEC 60335-2-24:2010/AMD1:2012 IEC 60335-2-24:2010/AMD2:2017	IECEE CB Scheme No. TL682 & TISI NSC-ONSC Accreditation No. 18T067/0691
3	- Split Air-conditioner - Portable Air-Conditioner - Ceiling Air- conditioner (Cooling Capacity of 32,000Btu/hr&below)	IEC 60335-2-40:2013 IEC 60335-2-40:2013/AMD1:2016	IECEE CB Scheme No. TL682 & TISI NSC-ONSC Accreditation No. 18T067/0691

MYANMAR Designated Testing Laboratory - UL Thailand -			
No	Scope of Designation	Testing Standards	Basis for Designation
1	Refrigerators	IEC 60335-2-24:2010 IEC 60335-2-24:2010/AMD1:2012 IEC 60335-2-24:2010/AMD2:2017	IECEE CB Scheme No. TL682
		IEC 60335-2-24 Edition 5.0:2000 IEC 60335-2-24 Edition 6.0:2002 IEC 60335-2-24 Edition 6.1:2005 IEC 60335-2-24 Edition 6.2:2007 IEC 60335-2-24 Edition 7.0:2010 IEC 60335-2-24 Edition 7.1:2012 IEC 60335-2-24 Edition 7.2:2017	TISI NSC-ONSC Accreditation No. 18T067/0691
2	Mobile split air-conditioners	IEC 60335-2-40:2013 IEC 60335-2-40:2013/AMD1:2016	IECEE CB Scheme No. TL682
		IEC 60335-2-40 Edition 4.0:2002 IEC 60335-2-40 Edition 4.2:2005 IEC 60335-2-40 Edition 5.0:2013 IEC 60335-2-40 Edition 5.1:2016 IEC 60335-2-40 Edition 6.0:2018	TISI NSC-ONSC Accreditation No. 18T067/0691
3	Electric heat pumps	IEC 60335-2-40:2013 IEC 60335-2-40:2013/AMD1:2016	IECEE CB Scheme No. TL682
		IEC 60335-2-40 Edition 4.0:2002 IEC 60335-2-40 Edition 4.2:2005 IEC 60335-2-40 Edition 5.0:2013 IEC 60335-2-40 Edition 5.1:2016 IEC 60335-2-40 Edition 6.0:2018	TISI NSC-ONSC Accreditation No. 18T067/0691
4	Water Pump	IEC 60335-2-40:2013 IEC 60335-2-40:2013/AMD1:2016	IECEE CB Scheme No. TL682
		IEC 60335-2-40 Edition 4.0:2002 IEC 60335-2-40 Edition 4.2:2005 IEC 60335-2-40 Edition 5.0:2013 IEC 60335-2-40 Edition 5.1:2016 IEC 60335-2-40 Edition 6.0:2018	TISI NSC-ONSC Accreditation No. 18T067/0691

SINGAPORE Designated Testing Laboratory - UL Thailand -			
No	Scope of Designation	Testing Standards	Basis for Designation
1	Washing machine	IEC 60335-2-7:2008 IEC 60335-2-7:2008/AMD1:2011 IEC 60335-2-7:2008/AMD1:2012	IECEE CB Scheme No. TL682
		IEC 60335-2-7 Edition 6.0:2002 IEC 60335-2-7 Edition 6.1:2004 IEC 60335-2-7 Edition 6.2:2006 IEC 60335-2-7 Edition 7.0:2008 IEC 60335-2-7 Edition 7.1:2012	TISI NSC-ONSC Accreditation No. 18T067/0691
2	Refrigerator	IEC 60335-2-24:2010 IEC 60335-2-24:2010/AMD1:2012 IEC 60335-2-24:2010/AMD2:2017	IECEE CB Scheme No. TL682
		IEC 60335-2-24 Edition 5.0:2000 IEC 60335-2-24 Edition 6.0:2002 IEC 60335-2-24 Edition 6.1:2005 IEC 60335-2-24 Edition 6.2:2007 IEC 60335-2-24 Edition 7.0:2010 IEC 60335-2-24 Edition 7.1:2012 IEC 60335-2-24 Edition 7.2:2017	TISI NSC-ONSC Accreditation No. 18T067/0691
3	Room air-conditioner	IEC 60335-2-40:2013 IEC 60335-2-40:2013/AMD1:2016	IECEE CB Scheme No. TL682
		IEC 60335-2-40 Edition 4.0:2002 IEC 60335-2-40 Edition 4.2:2005 IEC 60335-2-40 Edition 5.0:2013 IEC 60335-2-40 Edition 5.1:2016 IEC 60335-2-40 Edition 6.0:2018	TISI NSC-ONSC Accreditation No. 18T067/0691