

10.6 Schedule of Accreditation

Issue No: 1/ Issue Date: 04/05/2017
Accreditation Manager: Atta Subhan



Product Certification Body Accreditation No. APC 0035

is accredited by the GCC Accreditation Center (GAC) in accordance with the recognized International Standard ISO/IEC 17065:2012, “Conformity assessment -- Requirements for bodies certifying products, processes and services”

Intertek ETL SEMKO Korea Limited	
Issue No: 1	Issue Date: 4 th May 2017
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Locations where certification activities covered by the above Accreditation Standard are undertaken

1- **address:** Intertek Building, 3, Gongdan-ro 160beon-gil, Gunpo-si, Gyeonggi-do, 15845, Korea, Republic of Korea.

For the following scope:

Version: 2

Date: 5 January 2016

Approved by: Brahim Houla

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Scope:

40. Certification

40.02 Product Certification

Scope details are as follows:

Product Category	Items, Materials Or Products	Specific Tests Or Properties Measured	Specification, Standard Method Or Technique Used
Low Voltage Electrical Products	General requirements	Safety General requirements	IEC 60335-1:2010+AMD1:2013 < Excluding the following > Cl. 15.1 (tests for IP5X, IP6X, IPX1, IPX2, IPX6 and IPX8), 22.32 (oxygen bomb test) and 24 (component tests to other standards) and Annex R (Note: The above standard should be used in conjunction with the product test standards as detailed in relevant Part 2 of AS/NZS 60335, EN 60335 or IEC 60335.)
	Domestic Electrical Fans	Particular requirements for fans	IEC 60335-2-80:2002+AMD1:2004+AMD2:2008 < Excluding the following > Cl. 15.1 (tests for IP5X, IP6X, IPX1, IPX2, IPX6 and IPX8), 22.32 (oxygen bomb test) and 24 (component tests to other standards)

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	Refrigerating appliances, ice-cream appliances and ice makers	Particular requirements for refrigerating appliances, ice-cream appliances and ice makers	IEC 60335-2-24:2010+AMD1:2012 < Excluding the following > Cl. 15.1 (tests for IP5X, IP6X, IPX1, IPX2, IPX6 and IPX8), 22.7, 22.32 (oxygen bomb test), 22.103, 22.106, 22.107, 22.108, 22.109, 22.110 (flammability refrigerant), and 24 (component tests to other standards)
	Centrifugal clothes dryers and Clothes washing machines, including machines which both wash and dry	Particular requirements for washing machines	IEC 60335-2-7:2008+AMD1:2011 < Excluding the following > Cl. 15.1 (tests for IP5X, IP6X, IPX1, IPX2, IPX6 and IPX8), 22.32 (oxygen bomb test) and 24 (component tests to other standards); Annex BB
		Particular requirements for clothes dryers and towel rails	60335-2-43:2002+AMD1:2005+AMD2:2008
		Particular requirements for tumble dryers	IEC 60335-2-11:2008+AMD1:2012 < Excluding the following > Cl. 15.1 (tests for IP5X, IP6X, IPX1, IPX2, IPX6 and IPX8), 22.32 (oxygen bomb test) and 24 (component tests to other standards)
		Particular requirements for spin extractors	IEC 60335-2-4:2008+AMD1:2012 < Excluding the following > Cl. 15.1 (tests for IP5X, IP6X, IPX1, IPX2, IPX6 and IPX8), 22.32 (oxygen bomb test) and 24 (component tests to other standards)

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	Food grinders and mixers, fruit or vegetable juice extractors.	Particular requirements for kitchen machines	IEC 60335-2-14:2006+AMD1:2008+AMD2:2012 < Excluding the following > Cl. 15.1 (tests for IP5X, IP6X, IPX1, IPX2, IPX6 and IPX8), 15.2, 22.32 (oxygen bomb test) and 24 (component tests to other standards); for mixer also Cl. 10, 11, 13 and 18
	Toasters	Particular requirements for grills, toasters and similar portable cooking appliances	IEC 60335-2-9:2008+AMD1:2012 < Excluding the following > Cl. 15.1 (tests for IP5X, IP6X, IPX1, IPX2, IPX6 and IPX8), 22.32 (oxygen bomb test) and 24 (component tests to other standards)
	Electro-thermic hair-dressing apparatus and hand dryers	Particular requirements for appliances for skin or hair care	IEC 60335-2-23:2003+AMD1:2008+AMD2:2012 < Excluding the following > Cl. 15.1 (tests for IP5X, IP6X, IPX1, IPX2, IPX6 and IPX8), 19.2 (heater for hair rollers), 22.32 (oxygen bomb test) and 24 (component tests to other standards)
	Domestic electric heating apparatus	Particular requirements for thermal storage room heaters	IEC 60335-2-61:2002+AMD1:2005+AMD2:2008
		Particular requirements for room heaters	IEC 60335-2-30: 2009 AC: (1 ~ 300) V Max. 5 kW DC: (1 ~ 300) V Max. 600 W Frequency: (50 ~ 60) Hz

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	Microwave ovens	Particular requirements for microwave ovens, including combination microwave ovens	IEC 60335-2-25:2010+AMD1:2014
	Other ovens; cookers, cooking plates, boiling rings, grillers and roasters	Particular requirements for warming plates and similar appliances	IEC 60335-2-12:2002+AMD1:2008
		Particular requirements for grills, toasters and similar portable cooking appliances	IEC 60335-2-9:2008+AMD1:2012 < Excluding the following > Cl. 15.1 (tests for IP5X, IP6X, IPX1, IPX2, IPX6 and IPX8), 22.32 (oxygen bomb test) and 24 (component tests to other standards)
		Particular requirements for appliances for heating liquids	IEC 60335-2-15:2012 < Excluding the following > Clauses 15.1 (tests for IP5X, IP6X, IPX1, IPX2, IPX6 and IPX8), 19.4 (pressure cooker), 22.7 (pressure cooker), 22.32 (oxygen bomb test), 22.108 (pressure cooker) and 24 (component tests to other standards)
	Electric instantaneous or storage water heaters and immersion heaters	Particular requirements for instantaneous water heaters	IEC 60335-2-35:2012
		Particular requirements for storage water heaters	IEC 60335-2-21: 2012
		Particular requirements for fixed immersion heaters	IEC 60335-2-73:2002+AMD1:2006+AMD2:2009
		Particular requirements for portable immersion heaters	IEC 60335-2-74:2002+AMD1:2006+AMD2:2009

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		Particular requirements for electric irons	IEC 60335-2-3:2012 <Excluding the following> Cl. 15.1 (tests for IP5X, IP6X, IPX1, IPX2, IPX6 and IPX8), 22.32 (oxygen bomb test) and 24 (component tests to other standards)
		Particular requirements for ironers	IEC 60335-2-44:2002+AMD1:2008+AMD2:2011
		Particular requirements for fabric steamers	IEC 60335-2-85:2002+AMD1:2008 < Excluding the following > Cl. 15.1 (tests for IP5X, IP6X, IPX1, IPX2, IPX6 and IPX8), 22.32 (oxygen bomb test) and 24 (component tests to other standards)
	Air conditioners	Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers	IEC 60335-2-40:2013
	Plugs, Socket outlets, Adaptors, and chargers	Plugs and socket-outlets for household and similar purposes	
		General requirements	IEC 60884-1:2002+AMD1:2006+AMD2:2013
		Particular requirements for fused plugs	IEC 60884-2-1:2006
		Particular requirements for socket-outlets for appliances	IEC 60884-2-2:2006
		Particular requirements for switched socket-outlets without interlock for fixed installations	IEC 60884-2-3:2006
		Particular requirements for adaptors	IEC 60884-2-5:1995
		Specification for rewirable and non-rewirable 13 A fused Plugs	BS 1363-1:1995+A4:2012
		Specification for 13 A switched and unswitched socket-outlets	BS 1363-2:1995+A4:2012

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		Specification for 13 A adaptors	BS 1363-3:1995+A4:2012
		Specification for 13 A fused connection units switched and unswitched	BS 1363-4:1995+A4:2012
		Specification for Plugs made of resilient material	BS 546: 1950 with PD1752, PD4389, AMD251, outlets and socket outlet adaptors AMD2307, AMD4045, AMD5809, AMD6144 and AMD8914 < Excluding the following > Cl. 5 for 2A plugs; Testing of materials to Cl. 12 is conducted according to in-house methods: TM000546-009 to TM000546-011; Cl. 32 for 2A plugs; Cl. 15 of Supplement No. 1: 1960; Supplement No. 2: 1987;
	Battery chargers		
		Particular requirements for battery chargers	IEC 60335-2-29:2002+AMD1:2004+AMD2:2009 < Excluding the following > Cl. 15.1 (tests for IP5X, IP6X, IPX1, IPX2, IPX6 and IPX8), 22.32 (oxygen bomb test) and 24 (component tests to other standards) and 25.6
	Electromagnetic compatibility	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission	CISPR 14-1: 2016
		Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 2: Immunity	CISPR 14-2: 2015

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		Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement	KN11:2015
		Electromagnetic compatibility (EMC) - Part 3- 2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)	IEC 61000-3-2:2014 Harmonic: Max. 16 A
		Electromagnetic compatibility (EMC) - Part 3- 3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low- voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection	IEC 61000-3-3:2013 3 phase, 400 V, 16 A
		Electromagnetic compatibility (EMC) - Part 3- 11: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low- voltage supply systems - Equipment with rated current ≤ 75 A and subject to conditional connection	IEC 61000-3-11:2000 3 phase, 400 V, 32 A
		Electromagnetic compatibility (EMC) – Part 3- 12: Limits – Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16 A and ≤ 75 A per phase	IEC 61000-3-12:2011 3 phase, 400 V, 32 A

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END

Intertek ETL SEMKO Korea Limited is recorded as issuing GAC accredited certificates to organizations in the countries listed below. This list is current at the time of issue of this schedule.

United Arab Emirates	Bahrain	Saudi Arabia	Oman	Qatar	Kuwait	Yemen