

10.6 Schedule of Accreditation

Issue No: 2/ Issue Date: 06 Nov 2017
Accreditation Manager: Hamza Khan

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Korea Testing Certification (KTC) ATL 0026

is accredited by the GCC Accreditation Center (GAC) in accordance with the recognized International Standard ISO/IEC 17025:2005, "General requirements for the competence of testing and calibration laboratories"

No. AC 0080-1 – KTC...	
Issue No: 2	Issue Date: 06 / 11 /2017
22 Heungan-daero 27 beon-gil, Gunpo-City, Gyeonggi-Do, 435-862, REPUBLIC OF KOREA	Contact: Junrae Cho Tel: +82314288430 Fax: +82314298460 Email: jrcho@ktc.re.kr Web Address: www.ktc.re.kr

Locations where testing activities covered by the above Accreditation Standard are undertaken

22 Heungan-daero 27 beon-gil, Gunpo-City, Gyeonggi-Do, 435-862, REPUBLIC OF KOREA

For the following scope:

Version: 2

Date: 5 January 2016

Approved by: Brahim Houla

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Scope:

3. Performance and Approvals Testing

50. GSO Directives

50.01. Toys

50.01.02. Type Approval

50.02. Low Voltage Equipment

50.02.02. Type Approval

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Scope details are as follows:

PART 1

Test category	Items, Materials or Products Tested	Specific Tests or Properties Measured	Specification, Standard Method or Technique Used
Toys and children products	Toys	Warnings	GCC Technical Regulation on Children Toys (BD-131704-01), Issue No. 2, (Date: 08.05.2013)
		- Warnings	- Article (11) Cl. 1, 2, 3, 4, 5 and 6 - Annex III Part A and Part B
	Toys	Flammability tests	Standard Consumer Safety Specification for Toys Safety



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Toys and children products		<ul style="list-style-type: none"> - Essential Safety requirements - Flammability 	<ul style="list-style-type: none"> - ASTM F963-11 - 4.2 Flammability
	Toys	Physical and mechanical tests	Standard Consumer Safety Specification for Toys Safety
		<ul style="list-style-type: none"> - Essential Safety requirements - Physical and mechanical properties 	<ul style="list-style-type: none"> - ASTM F963-11
	Electric toys	Electrical tests	GCC Technical Regulation on Children Toys (BD-131704-01), Issue No. 2, (Date: 08.05.2013)
<ul style="list-style-type: none"> - Essential Safety requirements - Electrical properties 		<ul style="list-style-type: none"> - Article (10) Cl. 2 and 3 - Test procedure for compliance: IEC 62115: 2011 	
Toys and children products	Toys	Chemical tests	GCC Technical Regulation on Children Toys (BD-131704-01), Issue No. 2, (Date: 08.05.2013)
		<ul style="list-style-type: none"> - Essential Safety requirements - Chemical properties: - Migration of certain elements 	<ul style="list-style-type: none"> - Article (10) Cl. 2 and 3 - Annex II Part III Cl. 11 and Appendix (4) - Test procedure for compliance: BS EN 71-3:2013+A1:2014 Safety of toys Migration of certain elements - KS G ISO 8124-3:2015

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Toys and children products			Safety of toys - Part 3 : Migration of certain elements ISO 8124-3:2010 Safety of toys - Part 3 : Migration of certain elements
	Experimental sets	- Chemical properties:	- BS EN 71-4:2013 Safety of toys. Experimental sets for chemistry and related activities
	Chemical toys other than experimental sets	- Chemical properties:	- BS EN 71-5:2015 Safety of toys Chemical toys (sets) other than experimental sets
	Finger paints	- Chemical properties:	- BS EN 71-7:2014 Safety of toys: Finger paints - Requirements and test methods
	Organic chemical compounds	- Chemical properties:	- BS EN 71-9:2005+A1:2007 Safety of toys. Organic chemical compounds. Requirements
			- BS EN 71-10:2005 Safety of toys: Organic chemical compounds. Sample preparation and extraction
			- BS EN 71-11:2005 Safety of toys. Organic chemical compounds. Methods of analysis
	Care articles for children plastic materials	Chemical tests	GCC Technical Regulation on Children Toys (BD-131704-01), Issue No. 2, (Date: 08.05.2013)
- Essential Safety requirements		- Article (10) Cl. 2 and 3	

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Toys and children products		- Chemical properties: Phthalates	- Annex II Part III Cl. 12, Appendix (7-a) and Appendix (7-b) - Test procedure for compliance: <ul style="list-style-type: none"> o Ministry of Trade, Industry & Energy Notification: No. 2015-0108 Safety Confirmation standard Annex 2:2015 Care articles for children o KS M 1991:2016 Determination of phthalates content in plastic materials DEP(Diethyl phthalate) DBP(Dibutyl phthalate) DEHA[Di(2-ethylhexyl)adipate] DEHP[Di(2-ethylhexyl)phthalate] DINP(Diisononyl phthalate)
	Care articles for children	- Essential Safety requirements Chemical properties: Nitrosamines and Nitrosables	- Ministry of Trade, Industry & Energy Notification: No. 2015-0108 Safety Confirmation standard Annex 2:2015 5.2.6 N-nitrosamines and n- nitrosable substances

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PART 2

Test category	Items, Materials or Products Tested	Specific Tests or Properties Measured	Specification, Standard Method or Technique Used
Household and similar electrical appliances	General requirements	Safety General requirements	GSO IEC 60335-1:2016
	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 IEC 60335-2-89:2010/AMD2:2015
	Centrifugal clothes dryers and Clothes washing machines, including machines which both wash and dry	Particular requirements for washing machines Particular requirements for clothes dryers and towel rails Particular requirements for tumble dryers Particular requirements for spin extractors	IEC 60335-2-7:2008/AMD2:2016 GSO IEC 60335-2-43:2008 IEC 60335-2-11:2008/AMD2:2015 IEC 60335-2-4:2008/AMD1:2012
	Food grinders and mixers, fruit or vegetable juice extractors.	Particular requirements for kitchen machines	IEC 60335-2-14:2016 GSO IEC 60335-2-64:2009
	Toasters	Particular requirements for grills, toasters and similar portable cooking appliances	IEC 60335-2-9:2008/AMD2:2016 GSO IEC 60335-2-48:2011
	Electro-thermic hair-dressing apparatus and hand dryers	Particular requirements for appliances for skin or hair care	IEC 60335-2-23:2016
Household and similar electrical appliances	Domestic electric heating apparatus	Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers Particular requirements for thermal storage room heaters Particular requirements for room heaters	IEC 60335-2-30:2009/AMD1:2016 IEC 60335-2-40:2013/AMD1:2016 GSO IEC 60335-2-61:2009

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	Microwave ovens	Particular requirements for microwave ovens, including combination microwave ovens	IEC 60335-2-25:2010/AMD2:2015 IEC 60335-2-90:2015
	Other ovens; cookers, cooking plates, boiling rings, grillers and roasters	Particular requirements for warming plates and similar appliances Particular requirements for grills, toasters and similar portable cooking appliances Particular requirements for appliances for heating liquids	IEC 60335-2-6:2014 IEC 60335-2-9:2008/AMD2:2016 GSO IEC 60335-2-12:2013 IEC 60335-2-13:2009/AMD1:2016 IEC 60335-2-15:2012/AMD1:2016 GSO IEC 60335-2-36:2009 IEC 60335-2-37:2002/AMD2:2011 GSO IEC 60335-2-38:2011 IEC 60335-2-39:2012 GSO IEC 60335-2-42:2011 GSO IEC 60335-2-47:2009 GSO IEC 60335-2-48:2011 IEC 60335-2-49:2002/AMD1:2008 IEC 60335-2-50:2002/AMD1:2007 IEC 60335-2-75:2012/AMD1:2015 IEC 60335-2-78:2002/AMD1:2008

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Household and similar electrical appliances	Electric instantaneous or storage water heaters and immersion heaters	Particular requirements for instantaneous water heaters Particular requirements for storage water heaters Particular requirements for fixed immersion heaters Particular requirements for portable immersion heaters	IEC 60335-2-35:2012/AMD1:2016 IEC 60335-2-21:2012 IEC 60335-2-63:1990 GSO IEC 60335-2-73:2011 GSO IEC 60335-2-74:2011
	Electric smoothing irons	Particular requirements for electric irons Particular requirements for fabric steamers Particular requirements for ironers	GSO IEC 60335-2-3:2015 IEC 60335-2-85:2002/AMD1:2008 GSO IEC 60335-2-44:2012
	Air conditioners	Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers	IEC 60335-2-40:2013/AMD1:2016
	Plugs, Socket outlets, Adaptors, Cord Extension Sets and chargers	Plugs, Socket outlets, Adaptors, Cord Extension Sets and chargers	IEC 60884-1:2002+A1:2006 +A2:2013 GSO IEC 60884-2-1:2009 GSO IEC 60884-2-2:2009 GSO IEC 60884-2-3:2009 GSO IEC 60884-2-4:2008 GSO IEC 60884-2-5:2007 GSO IEC 60884-2-6:2007 GSO IEC 60884-2-7:2013 IEC 60335-2-29: 2016
	Domestic Electrical Fan	Particular requirements for fans	IEC 60335-2-80:2015
	Electromagnetic compatibility	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus -	IEC 61000-3-3 Ed. 3.0 : 2013 IEC 61000-3-2 Ed. 4.0 : 2014

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Test category	Items, Materials or Products Tested	Specific Tests or Properties Measured	Specification, Standard Method or Technique Used
Household and similar electrical appliances		Part 1: Emission Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity	GSO IEC 61000-3-11:2008 CISPR 14-1:2005 +A1:2008+A2:2011 CISPR 14-2 Ed. 2.0 : 2015 CISPR 14-2:1997+A1:2001+A2:2008 CISPR 11 Ed. 5.1 b:2010 CISPR 11:2009+A1:2010 CISPR 11 Ed. 6.0 b : 2015 GSO IEC 62233:2008 GSO IEC 61000-4-2:2008 IEC 61000-4-3 Ed 3.2 : 2010 IEC 61000-4-4 Ed 3.0 : 2012 IEC 61000-4-5 Ed 3.0 : 2014 IEC 61000-4-6 Ed 4.0 : 2013 IEC 61000-4-8 : 2009 GSO IEC 61000-4-11:2008

Note: The text in blue indicates the upgrade of standard edition in this schedule of accreditation

END

Korean Testing Laboratories KTC is recorded as issuing GAC accredited reports 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
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