

Schedule

GIC Testing & Inspection Services Pte Ltd
158 Kallang Way
#08-01 Performance Building
Singapore 349245

Certificate No. : LA-2019-0738-A
Issue No. : 7
Date : 29 May 2024
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FIELD OF TESTING: Chemical & Biological Testing

MATERIALS / PRODUCTS TESTED	TESTS / PROPERTIES	STANDARD METHODS / TECHNIQUES / EQUIPMENT
A Textiles / Toys / Children's Products / Furniture / Footwear / Jewelry / Stationery / Upholstery Materials / Surface Coating / Fabric / Leather / Metal / Paint / Paper / Wood / Coloured Materials / Plastics	1. Total Lead Content / Total Cadmium Content / Total Heavy Metals Content	<ul style="list-style-type: none"> • CPSC-CH-E1001-08.3 • CPSC-CH-E1002-08.3 • CPSC-CH-E1003-09.1 • ASTM F963-23 Section 8.3.1 • 16 CFR 1303 Ban of Lead-Containing Paint and Certain Consumer Products Bearing Lead-Containing Paint • BS EN 1122: 2011 • ASTM F963-23 Section 4.3.5 <p>Specifications / Regulations:</p> <ul style="list-style-type: none"> • United States Code, 2009 Edition Title 15 – Commerce and Trade Chapter 30 – Hazardous Substance Sec. 1278a – Children's Product Containing lead; lead Paint Rule • 16 CFR PART 1250—Safety Standard Mandating ASTM F963 For Toys • CPSIA 2008 Section 101 Children's Products Containing Lead; Lead Paint Rule • REACH Regulation (EC) No. 1907/2006 Annex XVII Entry 23 and Entry 63 • Surface Coating Materials Regulations, SOR/2016-193 • Consumer Products Containing Lead Regulations, SOR/2018-83 • Products Containing Mercury Regulations SOR/2014-254 under Canadian Environment Protection Act, 1999. Section 2(e)

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	<p>2. Extractable Lead and Cadmium Content</p> <p>3. Migration of Certain Elements</p> <p>4. Phthalates Content</p>	<ul style="list-style-type: none"> • Heavy Metals Content in Surface Coating - Canada Consumer Product Safety Act (CCPSA), S.C. 2010, c. 21, Toys Regulations SOR/2011-17 with its Latest Amendment SOR/2022-122, Section 23 • Netherlands 1999 Cadmium Decree • United Kingdom Environmental Protection (Controls on Injurious Substances (No. 2) Regulations 1993 No. 1643 for cadmium content • Swedish Ordinance SFS 1998: 944 • Directive 94/62/EC <p>• CPSC-CH-E1004-11</p> <ul style="list-style-type: none"> • ASTM F963-23 Section 4.3.3.2 • BS EN 71-3: 2019+A1:2021 • ASTM F963-23 Section 8.3.2 to 8.3.4 • BS EN 14350-2: 2020 Clause 5.2 • BS EN 1400: 2013 + A2: 2018 Clause 10.3.1 • ISO 8124-3: 2020 • AS/NZS ISO 8124.3: 2021 • ASTM F963-23 Section 4.3.5.2 (2)(b) <p>Specifications / Regulations:</p> <ul style="list-style-type: none"> • Toys Regulations, SOR/2011-17 Clause 23(b) • 16 CFR PART 1250—Safety Standard Mandating ASTM F963 For Toys <ul style="list-style-type: none"> • CPSC-CH-C1001-09.4 • BS EN ISO 14389: 2022 • BS EN 14372: 2004 Section 6.3.2 • ISO 8124-6: 2023 • GB/T 22048-2022 • ISO 16181-1 & 2: 2021 <p>Specifications / Regulations:</p> <ul style="list-style-type: none"> • 16 CFR Part 1307 Prohibition of Children's Toys and Childcare Articles Containing Specified Phthalates • 16 CFR PART 1250—Safety Standard Mandating ASTM F963 For Toys • CPSIA 2008 Section 108 Prohibition On Sale of Certain Products Containing Specified Phthalates • REACH Regulation (EC) No. 1907/2006 Annex XVII Entry 51 and 52

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		<ul style="list-style-type: none"> • Directive 2005/84/EC • Phthalates Regulations SOR/2016-188
B Textiles / Leather / Upholstery Materials	5. Polycyclic Aromatic Hydrocarbons Content	<ul style="list-style-type: none"> • BS ISO 21461:2012 • AfPS GS 2019:01 PAK Testing and Assessment of Polycyclic Aromatic Hydrocarbons <p>Specifications / Regulations:</p> <ul style="list-style-type: none"> • REACH Regulation (EC) No. 1907/2006 Annex XVII Entry 50
	1. Formaldehyde Content	<ul style="list-style-type: none"> • BS EN ISO 14184-1: 2011 • AATCC 112-2020 • GB/T 2912.1-2009
C Textiles / Apparel / Upholstery Materials	1. Colourfastness to Perspiration	<ul style="list-style-type: none"> • AATCC 15-21e • BS EN ISO 105-E04: 2013 • GB/T 3922-2013
	2. Colourfastness to Saliva	<ul style="list-style-type: none"> • DIN 53160-1: 2010-10
	3. Colourfastness to Water	<ul style="list-style-type: none"> • AATCC 107-22e • BS EN ISO 105-E01: 2013 • GB/T 5713-2013
	4. Colourfastness to Water Spotting	<ul style="list-style-type: none"> • BS EN ISO 105-E07: 2010
D Textiles / Upholstery Materials	1. pH	<ul style="list-style-type: none"> • AATCC 81-2022 • BS EN ISO 3071: 2020 • GB/T 7573-2009
E Products Intended To Come Into Direct Contact With Skin	1. Nickel Release	<ul style="list-style-type: none"> • BS EN 1811: 2023 • BS EN 12472: 2020 <p>Specifications / Regulations:</p> <ul style="list-style-type: none"> • REACH Regulation (EC) No. 1907/2006 Annex XVII Entry 27 • Regulation (EC) No. 552/2009
F Electrical & Electronic Products / Automotive	1. ROHS	<ul style="list-style-type: none"> • IEC 62321-1: 2013 • IEC 62321-2: 2021 • IEC 62321-4: 2017 • IEC 62321-5: 2013 • IEC 62321-6: 2015 • IEC 62321-7-1: 2015 • IEC 62321-7-2: 2017 • IEC 62321-8: 2017

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<p>G Food Contact Materials</p>	<p>1. Overall Migration</p> <p>2. Specific Migration: a. Heavy Elements (<i>Except Ammonium</i>)</p> <p>b. Color Release</p> <p>c. Organic Matter (in terms of Potassium Permanganate Consumed)</p>	<p>Specifications / Regulations: • Directive 2011/65/EU • Directive 2000/53/EC</p> <p>• DIN EN 1186-1: 2002 • DIN EN 1186-2: 2022 • DIN EN 1186-3: 2022 • DIN EN 1186-11: 2002 • DIN EN 1186-13: 2002 • BS EN 13130-1: 2004</p> <p>Specifications / Regulations: • Germany LFGB (LMBG) Food and Feed Law § 30, 31 • FDA 21 CFR 175.300 • FDA 21 CFR 177.1520 • FDA 21 CFR 177.1640 • FDA 21 CFR 177.2600 • Directive (EC) 1935/2004 • Regulation (EU) 10/2011 • TIS 656-2556 • MOPH Notification No. 435 B.E. 2022</p> <p>• BS EN 13130-1: 2004</p> <p>Specifications / Regulations: • Directive (EC) 1935/2004 • Regulation (EU) 10/2011 • TIS 656-2556 • MOPH Notification No. 435 B.E. 2022</p> <p>• BS EN 13130-1: 2004</p> <p>Specifications / Regulations: • Directive (EC) 1935/2004 • Regulation (EU) 10/2011 • TIS 656-2556 • TIS 655-2553 Part 1 • MOPH Notification No. 435 B.E. 2022</p> <p>• BS EN 13130-1: 2004 • JETRO Specifications, Standards and Testing Methods for Foodstuffs, Implements, Containers and Packaging, Toys, Detergents 2008 Section II, B-1</p> <p>Specifications / Regulations: • Directive (EC) 1935/2004 • Regulation (EU) 10/2011 • TIS 656-2556 • MOPH Notification No. 435 B.E. 2022</p>

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H Metals	1. Corrosion Resistance	<ul style="list-style-type: none">• ASTM B117-19• BS EN ISO 9227: 2022

Approved Signatories

S/N	Name	Scope
1.	Ms Chong Siew Mee Suzen	- For all accredited tests.
2.	Mr. Lau Wan Yin, Alex	- For all accredited tests.

Note:

This laboratory is accredited in accordance with the recognised International Standard ISO/IEC 17025. A laboratory's fulfilment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001.