

Schedule

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

Certificate No. : LA-2019-0739-G
Issue No. : 7
Date : 30 May 2024
Expiry Date : 17 December 2027
Page : 1 of 5

FIELD OF TESTING : Mechanical Testing

MATERIALS / PRODUCTS TESTED	TESTS / PROPERTIES	STANDARD METHODS / TECHNIQUES / EQUIPMENT
A Textiles / Apparel / Upholstery Materials	1. Colourfastness to Crocking / Rubbing	AATCC 8- 2016e(2022)e BS EN ISO 105-X12: 2016 GB/T 3920-2008
	2. Colourfastness to Laundering	AATCC 61-2013e(2020) BS EN ISO 105-C06: 2010
	3. Dimensional Stability	AATCC 135-2018 AATCC 150-2018
	4. Drawstring Safety	ASTM F1816-2018 BS EN 14682: 2014 16 CFR 1120.3(b)
	5. Flammability	16 CFR 1610 BS 5852: 2006 TB 117: 2013
	6. Resistance to Abrasion / Pilling	ASTM D4966-2022 BS EN ISO 12947-1: 1998 BS EN ISO 12947-2: 2016 BS EN ISO 12947-3: 1999 BS EN ISO 12947-4: 1999 ASTM D3512 / D3512M-22 BS EN ISO 12945-2: 2020
	7. Tensile Strength	ASTM D5034-21 BS EN ISO 13934-1: 2013 BS EN ISO 13934-2: 2014
B Rubber / Plastic / Metal - Coated Material	1. Abrasion Resistance	ASTM D4060-19 BS EN ISO 5470-1: 2016

Schedule



Certificate No. : LA-2019-0739-G

Issue No. : 7

Date : 30 May 2024

Page : 2 of 5

MATERIALS / PRODUCTS TESTED	TESTS / PROPERTIES	STANDARD METHODS / TECHNIQUES / EQUIPMENT
C Toys	<p>1. Physical and Mechanical Tests:</p> <p>Safety Requirement and Test Method</p> <p>Technical requirements for determining Sharp Point</p> <p>Technical requirements for determining Sharp Edge</p> <p>Method for identifying choking and/or suffocation hazards</p>	<p>ASTM F963-23 16 CFR 1250 Cl. 4.1, 4.3.3.1, 4.3.7, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.12, 4.13, 4.14, 4.15, 4.16, 4.17, 4.18, 4.19, 4.20, 4.20.2, 4.21, 4.22, 4.23, 4.24, 4.25, 4.26, 4.27, 4.28, 4.30, 4.31, 4.32, 4.33, 4.34, 4.35, 4.36, 4.37, 4.38, 4.39, 4.40 and 4.41</p> <p>BS EN 71-1: 2014 + A1: 2018 Cl. 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.12, 4.13, 4.14, 4.15, 4.16, 4.17, 4.18, 4.19, 4.20, 4.21, 4.22, 4.23, 4.24, 4.25, 4.26 and 4.27</p> <p>ISO 8124-1:2022 AS/NZS ISO 8124.1: 2023 Cl. 4.3, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 4.12, 4.13, 4.14, 4.15, 4.16, 4.17, 4.18, 4.19, 4.20, 4.20.2, 4.21, 4.22, 4.23, 4.24, 4.25, 4.26, 4.27, 4.28, 4.30, 4.31, 4.32, 4.33, 4.34, 4.35, 4.36, 4.37, 4.38, 4.39</p> <p>SOR/2011-17 Cl. 3, 4, 7, 8, 9, 13, 14, 15, 16, 17, 18, 19, 28, 29, 30, I31, 37, 40, 41, 43 and 44</p> <p>TIS 685 Part 1-2540 (1997) TIS 685 Part 2-2540 (1997) TIS 685 Part 3-2540 (1997) ASTM F963-23: Section 8 BS EN 71-1: 2014 + A1: 2018: Section 8</p> <p>16 CFR Part 1500.48</p> <p>16 CFR Part 1500.49</p> <p>16 CFR Part 1510 in conjunction with test methods specified in 16 CFR Part 1500.51 [excluding bite test to 1500.51(c) and flexure test to 1500.51 (d)]</p>

Schedule



Certificate No. : LA-2019-0739-G

Issue No. : 7

Date : 30 May 2024

Page : 3 of 5

MATERIALS / PRODUCTS TESTED	TESTS / PROPERTIES	STANDARD METHODS / TECHNIQUES / EQUIPMENT
C Toys	Method for identifying mechanical hazards because of small balls and Dive Stick	16 CFR Part 1500.18(a)(17), 16 CFR Part 1500.86(a)(7), 16 CFR Part 1500.86(a)(8)
	Requirement for Pacifiers	16 CFR Part 1511
	Test methods for simulating use and abuse of toys intended for use by children - Impact test - Bite test - Flexure test - Torque test - Tension test - Compression test	16 CFR Parts 1500.50, 1500.51, 1500.52 and 1500.53
	Method for identifying choking, aspiration, or ingestion hazards because of small parts	16 CFR Part 1501 in conjunction with test methods specified in 16 CFR Parts 1500.51 or 16 CFR 1500.52 [excluding bite test to 1500.51(c) or 1500.52 (c)]
	2 Labelling Requirements	ASTM F963-23 Section 5 16 CFR Part 1500.19 BS EN 71-1: 2014 + A1: 2018 Section 7 ISO 8124-1:2022 Annex A and Annex B AS/NZS ISO 8124.1: 2023 Section Annex A and Annex B SOR/2011-17 Section 3
3 Instructional Literature	ASTM F963-23 Section 6 BS EN 71-1: 2014 + A1: 2018 Section 4.2	
4 Producer's Markings	ASTM F963-23 Section 7	
5 Flammability	ASTM F963-23 Section 4.2, Annex A5 and Annex A6 16 CFR Part 1500.44 16 CFR 1610 BS EN 71-2:2020 ISO 8124-2: 2014 AS/NZS ISO 8124.2: 2016 SOR/2011-17 Section 32 to 34	

Schedule



Certificate No. : LA-2019-0739-G

Issue No. : 7

Date : 30 May 2024

Page : 4 of 5

MATERIALS / PRODUCTS TESTED	TESTS / PROPERTIES	STANDARD METHODS / TECHNIQUES / EQUIPMENT
D Children's Furniture	1. Bunk Beds Safety	ASTM F1427-21e 16 CFR 1513 Requirements for Bunk Beds BS EN 747-1: 2024 BS EN 747-2: 2024 AS/NZS 4220:2010
	2. Cots Safety	BS EN 716-1: 2017 BS EN 716-2: 2017
	3. Cribs Safety	ASTM F1169-19 16 CFR 1219 Safety Standard for Full-Size Baby Cribs
	4. Toddler Beds Safety	ASTM F1821-19e2 16 CFR 1217 Requirements for Toddler Beds
	5. Children Beds Safety	BS 8509: 2008 + A1: 2011
	6. High Chairs Safety	ASTM F404-21 16 CFR 1231 Requirements for High Chairs
	7. Chairs and Stools Safety	ASTM F2613-22 16 CFR 1232 Requirements for Folding Chairs and Stools
	8. Baby Changing Products Safety	ASTM F2388-21 16 CFR 1235
E General Furniture / Automotive	1. General Safety	BS EN 60065: 2014 + A11: 2017 Section 5 and 12 ANSI/BIFMA X5.6-2016(R2021)
	2. Seating Safety	BS EN 1022: 2023 BS EN 12520: 2015 BS EN 16139: 2013 ANSI/BIFMA X5.4-2020
	3. Table Safety	BS EN 12521: 2023
	4. Bed Safety	EN 1725: 2023 ISO 19833: 2018
	5. Storage Furniture Safety	ASTM F2057-23 ASTM F3096-2023 BS EN 14749:2016+A1:2022 16 CFR 1261

Schedule



Certificate No. : LA-2019-0739-G

Issue No. : 7

Date : 30 May 2024

Page : 5 of 5

MATERIALS / PRODUCTS TESTED	TESTS / PROPERTIES	STANDARD METHODS / TECHNIQUES / EQUIPMENT
F Outdoor Furniture	1. Seating & Table Safety	BS EN 581-1:2017 BS EN 581-2:2015 BS EN 581-3:2017
G Office Furniture	1. Seating Safety	BS EN 1335-1:2020 BS EN 1335-2:2018 ANSI/BIFMA X5.1-2017(R2022)
	2. Storage Safety	ANSI/BIFMA X5.9-2019
	3. Table Safety	ANSI/BIFMA X5.5-2021
	4. Office Ergonomics	SS 514: 2016
	5. Ranked Seating	BS EN 12727: 2016 BS EN 15372: 2016
H Nonmetals	1. Exposure to Light	ASTM G154-23 BS EN ISO 4892-2:2013+A1:2021 BS EN ISO 4892-3:2016

Approved Signatory

S/N	Name	Scope
1.	Ms Chong Siew Mee Suzen	- For all accredited tests.
2.	Mr Wong Kok Leong	- For all accredited tests

Note:

This laboratory is accredited in accordance with the recognised International Standard ISO/IEC 17025:2017. A laboratory's fulfillment of the requirements of ISO/IEC 17025:2017 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 17025:2017 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001.