



No. 036

Specialized Technology Resources (H.K.) Limited

勝邦（香港）公證有限公司

ADDRESS : 16-17/F., Tower B, Regent Centre, 63 Wo Yi Hop Road, Kwai Chung, New Territories,
地址 Hong Kong
香港新界葵涌和宜合道 63 號麗晶中心 B 座 16 及 17 樓

AUTHORISED REPRESENTATIVE : Mr. KWOK Wei Hung, Managing Director
委任代表 郭偉雄先生，董事總經理

ENQUIRY : Dr. Jacqueline CHIU, Q.A. Director
查詢 招桂鳳博士，品質保證董事

Tel 電話 : 2418 8015
Fax 傳真 : 2480 5436
E-mail 電郵 : jacqueline.chiu@strhk.com
Website Address 網址 : <http://www.strhk.com/>

CLIENTELE Public
服務對象 : 公眾

ACCREDITED TEST CATEGORIES : Chemical Testing 化學測試
認可測試類別 Construction Materials 建築材料
Electrical and Electronic Products 電氣及電子產品
Physical and Mechanical Testing 物理及機械測試
Textiles and Garments 紡織品及成衣
Toys and Children's Products 玩具及兒童產品

SCOPE OF ACCREDITATION : As shown on the following pages 詳見後頁
認可範圍

* * * * *

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
CHEMICAL TESTING 化學測試	Plastics	Cadmium content	<p>European Council Directive 91/338/EEC United Kingdom Environmental Protection (Control on Injurious Substances) No.2 Regulations 1993 No. 1643 Swedish Ordinance SFS 1998: 944 Section 1 – Section 5 of Chapter 9 and Appendix 2, Swedish Regulation KIFS 1998: 8 (based on English translated version last amended by “KIFS 2008.1” issued in April 2008 by Swedish Chemicals Agency) Austria Federal Law Gazette No. 855/1993 (Cadmium Ordinance) Switzerland Ordinance on Risk Reduction related to Chemical Products (ORRChem), SR814.81 of 18 May 2005, Annex 2.9 Netherlands Law Gazette 1999 No. 149 and Amendment in Sept. 2000 No. 186 (Chemical Substances Act) EN 1122: 2001 Method A (wet decomposition) BS EN 1122: 2001 Method A (wet decomposition) DIN EN 1122: 2002 Method A (wet decomposition) EN 1122: 2001 Method B (wet decomposition) BS EN 1122: 2001 Method B (wet decomposition) DIN EN 1122: 2002 Method B (wet decomposition) In House Method SLIHT007</p>
	Liquid paint, printing ink and other surface coating materials	Cadmium content	<p>European Council Directive 91/338/EEC United Kingdom Environmental Protection (Control on Injurious Substances) No.2 Regulations 1993 No. 1643 Swedish Ordinance SFS 1998: 944 Section 1 – Section 5 of Chapter 9 and Appendix 2, Swedish Regulation KIFS 1998: 8 (based on English translated version last amended by “KIFS 2008.1” issued in April 2008 by Swedish Chemicals Agency) Austria Federal Law Gazette No. 855/1993 (Cadmium Ordinance) Switzerland Ordinance on Risk Reduction related to Chemical Products (ORRChem), SR814.81 of 18 May 2005, Annex 2.8 Netherlands Law Gazette 1999 No. 149 and Amendment in Sep 2000 No. 186 (Chemical Substances Act) In House Method SLIHT002 In House Method SLIHT004</p>

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
CHEMICAL TESTING (cont'd) 化學測試 (續上)	<p>Pencils and artists brushes (surface coating materials)</p> <p>Pencils, coloured pencils and graphic instruments 鉛筆、彩色鉛筆和繪圖用具</p> <p>Paint and other similar surface-coating materials (furniture articles for consumer use)</p>	<p>Total lead content</p> <p>Migration of certain elements: Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium 特定元素的遷移: 銻, 砷, 鋇, 鎘, 鉻, 鉛, 汞, 硒</p> <p>- Total lead content</p>	<p>Canada Hazardous Products Act R.S. 1985 c.H-3, Schedule I Part I Item 18 (Revised June 2005) <i>Compliance test procedures for total lead content:-</i> In House Method SLIHT002 In House Method SLIHT004 ASTM D3335-85a (Reapproved 2005)</p> <p>Australian Customs (Prohibited Imports) Regulations 1956, Schedule 2, Item 7 UK The Pencils and Graphic Instruments (Safety) Regulations SI 2406: 1998 JIS S 6006: 2007 Clauses 6.1 (Table 4), 6.2 (Table 6), and 8.8 GB 8771: 2007 GB 21027: 2007 Clauses 3.1 and 4.1</p> <p>US 16 CFR Part 1303 <i>Test procedures for compliance testing:-</i> CPSC Test method: CPSC-CH-E1003-09 Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, April 26, 2009 <Excluding the following> Composite testing</p>

Specialized Technology Resources (H.K.) Limited
 勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
CONSTRUCTION MATERIALS 建築材料	Building Glass	- Impact tests and classification of safety glass	BS 6206: 1981 with AMD 4580, AMD 5189, AMD 7589, AMD 8156 and AMD 8693

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
ELECTRICAL and ELECTRONIC PRODUCTS 電氣及電子產品	Audio, video and similar electronic apparatus - Television sets (TV), video recording equipment (VCR), audio equipment, TV - VCR combination set, digital video broadcasting- terrestrial set top box (DVB-T STB), TV - DVB-T STB combination set with rated voltage not more than 250 V and rated frequency of 50 Hz single phase	Product performance test :- - Measurement of power consumption in standby mode.	BS EN 62301:2005 EN 62301:2005 IEC 62301:2005 (Note: The above three standards should be used in conjunction with the test method standards as detailed in BS EN 62087:2003, EN 62087:2003 or IEC 62087:2002)

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
ELECTRICAL and ELECTRONIC PRODUCTS (cont'd) 電氣及電子產品 (續上)	<p>Hand-held motor-operated electric tools</p> <ul style="list-style-type: none"> - General requirements for single phase electric tools with rated voltage not more than 250 V < Excluding > - tools with impact mechanism or heating element - tools intended to be connected to water supply <p>Drills with rated voltage not more than 250V single phase < Excluding ></p> <ul style="list-style-type: none"> - tools with impact mechanism or heating element - tools intended to be connected to water supply <p>Screwdrivers and impact wrenches with rated voltage not more than 250 V single phase < Excluding ></p> <ul style="list-style-type: none"> - tools with impact mechanism or heating element - tools intended to be connected to water supply 	<p>Safety tests :-</p> <ul style="list-style-type: none"> - Compliance inspection and safety tests - Compliance inspection and safety tests - Compliance inspection and safety tests 	<p>BS EN 60745-1: 2006 with AMD 17210 EN 60745-1: 2006 < Excluding the following > for the above two standards Clauses 6, 9.1 (charge measurement above 450V), 14 (tests for IPX1, IPX5 and IPX6) and 23 (component tests to other standards)</p> <p>IEC 60745-1: 2006 < Excluding the following > Clauses 9.1 (charge measurement above 450V), 14 (tests for IPX1, IPX5 and IPX6) and 23 (component tests to other standards)</p> <p>(Note: The above three standards should be used in conjunction with the product test standards as detailed in relevant Part 2 of BS EN 60745, EN 60745 or IEC 60745.)</p> <p>BS EN 60745-2-1: 2003 with AMD 17014 EN 60745-2-1: 2003 + A11 < Excluding the following > for the above two standards Clauses 6, 9.1 (charge measurement above 450V), 14 (tests for IPX1, IPX5 and IPX6) and 23 (component tests to other standards)</p> <p>IEC 60745-2-1: 2003 + A1 < Excluding the following > Clauses 9.1 (charge measurement above 450V), 14 (tests for IPX1, IPX5 and IPX6) and 23 (component tests to other standards)</p> <p>BS EN 60745-2-2: 2003 with AMD 17186 EN 60745-2-2: 2003 + A11 < Excluding the following > for the above two standards Clauses 6, 9.1 (charge measurement above 450V), 14 (tests for IPX1, IPX5 and IPX6) and 23 (component tests to other standards)</p> <p>IEC 60745-2-2: 2003 + A1 < Excluding the following > Clauses 9.1 (charge measurement above 450V), 14 (tests for IPX1, IPX5 and IPX6) and 23 (component tests to other standards)</p>

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
ELECTRICAL and ELECTRONIC PRODUCTS (cont'd) 電氣及電子產品 (續上)	Hand-held motor-operated electric tools (cont'd) - Sanders and polishers other than disk type with rated voltage not more than 250 V single phase < Excluding > - tools with impact mechanism or heating element - tools intended to be connected to water supply	Safety tests :- (cont'd) - Compliance inspection and safety tests	BS EN 60745-2-4: 2003 with AMD 17185 EN 60745-2-4: 2003 + A11 < Excluding the following > for the above two standards Clauses 6, 9.1 (charge measurement above 450V), 14 (tests for IPX1, IPX5 and IPX6) and 23 (component tests to other standards) IEC 60745-2-4: 2002 + A1 < Excluding the following > Clauses 9.1 (charge measurement above 450V), 14 (tests for IPX1, IPX5 and IPX6) and 23 (component tests to other standards)

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
ELECTRICAL and ELECTRONIC PRODUCTS (cont'd) 電氣及電子產品 (續上)	<p>Household and similar electrical appliances</p> <ul style="list-style-type: none"> - General requirements for single phase electrical appliances with rated voltage not more than 250 V < Excluding the following > - appliances with electronic disconnection <p>- Appliances for electric fans with rated voltage not more than 250 V single phase</p> < Excluding the following > <ul style="list-style-type: none"> - liquid filled radiator - appliances with electronic disconnection <p>- Appliances for grills toasters, and similar cooking appliances rated not more than 250V single phase</p> < Excluding the following > <ul style="list-style-type: none"> - Induction hotplate - appliances with electronic disconnection 	<p>Safety tests :- (cont'd)</p> <ul style="list-style-type: none"> - Compliance inspection and safety tests - Compliance inspection and safety tests - Compliance inspection and safety tests 	<p>BS EN 60335-1: 2002 with AMD 15051, AMD 15172, AMD 15536, AMD 15626, AMD 16414 and AMD 16671</p> <p>EN 60335-1: 2002 + A1 + A2 + A11 + A12 + A13</p> <p>IEC 60335-1: 2001 + A1 + A2</p> <p>< Excluding the following ></p> <p>for the above three standards</p> <p>Clauses 8.1.4 (charge measurement above 450V), 15.1.1 (tests to IPX1, IPX5 and IPX6) 22.32 (oxygen bomb test) and 24 (component tests to other standards)</p> <p>(Note: The above three standards should be used in conjunction with the product test standards as detailed in relevant Part 2 of BS EN 60335, EN 60335 or IEC 60335.)</p> <p>BS EN 60335-2-80:2003 with AMD 15201</p> <p>EN 60335-2-80:2003 + A1</p> <p>IEC 60335-2-80: 2002 + A1 + A2</p> <p>< Excluding the following ></p> <p>for the above three standards</p> <p>Clauses 8.1.4 (charge measurement above 450V), 15.1.1 (tests to IPX1, IPX5 and IPX6 of EN 60529 or IEC 60529), 22.32 (oxygen bomb test) and 24 (component tests to other standards)</p> <p>BS EN 60335-2-9:2003 with AMD 15203, AMD 16523 and A12</p> <p>EN 60335-2-9:2003 + A1 + A2 + A12</p> <p>IEC 60335-2-9:2002 + A1 + A2</p> <p>IEC 60335-2-9:2008</p> <p>< Excluding the following ></p> <p>for the above four standards</p> <p>Clauses 8.1.4 (charge measurement above 450V), 15.1.1 (tests to IPX1, IPX5 and IPX6 of EN 60529 or IEC 60529), 22.32 (oxygen bomb test) and 24 (component tests to other standards)</p>

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
ELECTRICAL and ELECTRONIC PRODUCTS (cont'd) 電氣及電子產品 (續上)	<p>Household and similar electrical appliances (cont'd)</p> <ul style="list-style-type: none"> - Appliances for heating liquids with rated voltage not more than 250 V single phase < <i>Excluding the following</i> > <ul style="list-style-type: none"> - espresso coffee - makers, pressure cookers - appliances with electronic disconnection - Fan heaters with rated voltage not more than 250V single phase < <i>Excluding the following</i> > <ul style="list-style-type: none"> - appliances with electronic disconnection <p>Hand-held motor operated electric tools, household appliances and luminaires</p>	<p>Safety tests :- (cont'd)</p> <ul style="list-style-type: none"> - Compliance inspection and safety tests - Compliance inspection and safety tests - Tests for degrees of protection provided by enclosures of equipment against access to hazardous parts, against ingress of foreign objects and against ingress of water (IP code) 	<p>BS EN 60335-2-15: 2002 with AMD 14998, AMD 15893, AMD 16041 and AMD 16948 EN 60335-2-15: 2002 + A1 +A2 IEC 60335-2-15: 2002 + A1 +A2</p> <p>< <i>Excluding the following</i> > for the above three standards Clauses 8.1.4 (charge measurement above 450V), 15.1.1 (tests to IPX1, IPX5 and IPX6) 22.32 (oxygen bomb test) and 24 (component tests to other standards)</p> <p>BS EN 60335-2-30:2003 with AMD 15537, AMD 15901 and AMD 17273 EN 60335-2-30:2003 + A1 + A2 IEC 60335-2-30:2002 + A1 + A2</p> <p>< <i>Excluding the following</i> > for the above three standards Clauses 8.1.4 (charge measurement above 450V), 15.1.1 (tests to IPX1, IPX5 and IPX6 of EN 60529 or IEC 60529), 22.32 (oxygen bomb test) and 24 (component tests to other standards)</p> <p>BS EN 60529: 1992 with AMD 7643 and AMD 10931 EN 60529: 1991 + A1 IEC 60529: 1989 + A1</p> <p>< <i>Excluding the following</i> > for the above three standards Clause 14 (tests for IP5X, IP6X; IPX1, IPX5, IPX6 and IPX8)</p> <p>(Note: The above three standards should be used in conjunction with the relevant product test standards as detailed in IEC 60745, IEC 60335 or IEC 60598 series of standards.)</p>

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
ELECTRICAL and ELECTRONIC PRODUCTS (cont'd) 電氣及電子產品 (續上)	<p>Luminaires</p> <p>- General requirements for luminaires up to 300W</p> <p>- Aquarium luminaries up to 300W</p> <p>- Fixed general purpose luminaries up to 300W</p>	<p>Safety tests :- (cont'd)</p> <p>- Compliance inspection and safety tests</p> <p>- Compliance inspection and safety tests</p> <p>- Compliance inspection and safety tests</p>	<p>BS EN 60598-1: 2000 with AMD 13039, AMD 13092 AMD 13308 and AMD 14413</p> <p>BS EN 60598-1: 2004 with AMD 16925 and AMD 17471</p> <p>BS EN 60598-1: 2008</p> <p>EN 60598-1: 2000 + A11 + A12</p> <p>EN 60598-1: 2004 + A1</p> <p>EN 60598-1: 2008 + A11</p> <p>IEC 60598-1: 1999</p> <p>IEC 60598-1: 2003 + A1</p> <p>IEC 60598-1: 2008</p> <p>< Excluding the following > for the above nine standards Clauses 4.13.4, 4.20, 4.24, 4.26 and 9.2 (tests for IP5X, IP6X, IPX1, IPX5, IPX6 and IPX8); Annex F</p> <p>(Note: The above nine standards should be used in conjunction with the product test standards as detailed in relevant Part 2 of BS EN 60598, EN 60598 or IEC 60598.)</p> <p>BS EN 60598-2-11:2005</p> <p>EN 60598-2-11:2005</p> <p>IEC 60598-2-11:2005</p> <p>< Excluding the following > for the above three standards Clauses 11.6 (tests to Clauses 4.13.4, 4.20, 4.24 and 4.26 of Part 1) and 11.13 (tests for IP5X, IP6X, IPX1, IPX5, IPX6</p> <p>BS 4533: Section 102.1: 1990</p> <p>EN 60598-2-1: 1989</p> <p>IEC 60598-2-1: 1979 + A1</p> <p>< Excluding the following > for the above three standards Clauses 1.6 (tests to Clauses 4.13.4, 4.20, 4.24 and 4.26 of Part 1) and 1.13 (tests for IP5X, IP6X, IPX1, IPX5, IPX6 and IPX8)</p>

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
ELECTRICAL and ELECTRONIC PRODUCTS (cont'd) 電氣及電子產品 (續上)	<p>Luminaires</p> <p>- Lighting chains up to 300W</p> <p>- Luminaries with built-in transformers for filament lamps up to 300W</p> <p>- Portable general purpose luminaries up to 300W</p> <p>- Portable luminaries for children up to 300W</p>	<p>Safety tests :- (cont'd)</p> <p>- Compliance inspection and safety tests</p> <p>- Compliance inspection and safety tests</p> <p>- Compliance inspection and safety tests</p> <p>- Compliance inspection and safety tests</p>	<p>BS EN 60598-2-20: 1998 with AMD 10117, AMD 10561, AMD 15237, AMD 15417, AMD 15492 and AMD 16055</p> <p>EN 60598-2-20: 1997 + A1 + A2</p> <p>IEC 60598-2-20: 1996 + A1 + A2</p> <p>< Excluding the following > for the above three standards</p> <p>Clauses 20.6 (tests to Clauses 4.13.4, 4.20, 4.24 and 4.26 of Part 1) and 20.13 (tests for IP5X, IP6X, IPX1, IPX5, IPX6 and IPX8)</p> <p>BS EN 60598-2-6:1995 with AMD 9553</p> <p>EN 60598-2-6:1994 + A1</p> <p>IEC 60598-2-6:1994 + A1</p> <p>< Excluding the following > for the above three standards</p> <p>Clauses 6.6 (tests to Clauses 4.13.4, 4.20, 4.24 and 4.26 of Part 1) and 6.13 (tests for IP5X, IP6X, IPX1, IPX5, IPX6 and IPX8)</p> <p>BS EN 60598-2-4: 1998</p> <p>EN 60598-2-4: 1997</p> <p>IEC 60598-2-4: 1997</p> <p>< Excluding the following > for the above three standards</p> <p>Clauses 4.6 (tests to Clauses 4.13.4, 4.20, 4.24 and 4.26 of Part 1) and 4.13 (tests for IP5X, IP6X, IPX1, IPX5, IPX6 and IPX8)</p> <p>BS EN 60598-2-10:2003 with AMD 16079</p> <p>EN 60598-2-10:2003</p> <p>IEC 60598-2-10:2003</p> <p>< Excluding the following > for the above three standards</p> <p>Clauses 10.6 (tests to Clauses 4.13.4, 4.20, 4.24 and 4.26 of Part 1),</p> <p>10.13 (tests for IP5X, IP6X, IPX1, IPX5, IPX6 and IPX8),</p> <p>10.15.1 and</p> <p>10.15.2</p>

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
ELECTRICAL and ELECTRONIC PRODUCTS (cont'd) 電氣及電子產品 (續上)	Luminaires - Portable luminaires for garden use up to 300W - Luminaires for emergency lighting system - Self-contained luminaires for emergency lighting system	Safety tests :- (cont'd) - Compliance inspection and safety tests - Compliance inspection and safety tests - Glow wire and needle flame tests - Compliance inspection and safety tests - Glow wire and needle flame tests	BS EN 60598-2-7: 1997 with AMD 8487, AMD 8724, AMD 9424, AMD 9623 and AMD 10563 EN 60598-2-7: 1989 + A2 + A11 + A12 + A13 IEC 60598-2-7: 1982 + A1 + A2 < <i>Excluding the following</i> > for the above three standards Clauses 7.6 (tests to Clauses 4.13.4, 4.20, 4.24 and 4.26 of Part 1) and 7.13 (tests to IP5X, IP6X, IPX1, IPX5, IPX6 and IPX8) FSD Circular No. 1/2006 Appendix I [PPA/104] Paragraph 11 in conjunction with in-house test method no. H-114 FSD Circular No. 1/2006 Appendix II [PPA/104(A)] Paragraph 3 in conjunction with in-house test method no. H-114

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
PHYSICAL and MECHANICAL TESTING 物理及機械測試	Furniture - Beds - Bunk beds / High beds - Domestic adult beds (supplied with bed bases) and mattresses - Chairs or seating - Domestic seating - Domestic and contract seating - Non-domestic seating - Outdoor seating for camping, domestic and contract use (excluding seating with fabric parts in construction) - Upright chairs and stools	Safety and performance tests :- - Safety, strength and durability requirements - Strength, durability and safety requirements - Stability test, vertical impact test, durability of bed edge, vertical static load test and vertical static load test of the edge of bed - Stability tests - Strength and durability tests - Strength and durability tests - Strength and durability tests - General safety requirements - Mechanical safety tests - Stability tests	EN 747-1: 2007 NF EN 747-1: 2007 EN 747-2: 2007 NF EN 747-2: 2007 BS EN 1725: 1998 DIN EN 1725: 1998 EN 1725: 1998 BS EN 1022: 2005 DIN EN 1022: 2005 EN 1022: 2005 BS EN 1728: 2001 EN 1728: 2000 BS 4875-1: 2001 BS 4875-1: 2007 BS EN 15373: 2007 with AMD 17224 EN 15373: 2007 < Excluding the following > for the above two standards Clauses 5.3.2 and 5.4 BS EN 581-1: 2006 DIN EN 581-1: 2006 EN 581-1: 2006 DD ENV 581-2: 2000 DIN V ENV 581-2: 2000 ENV 581-2: 2000 < Excluding the following > for the above three standards Annex A and B ISO 7174-1: 1988

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
PHYSICAL and MECHANICAL TESTING (cont'd) 物理及機械測試 (續上)	Furniture (cont'd) - Storage furniture - Chests, door chests and dressers of a height of at least 30 inches - Domestic storage furniture - Non-domestic storage furniture - Domestic and kitchen storage units and worktops - Glass for inclusion in the construction of furniture, other than tables or trolleys, including cabinets, shelving systems and wall hung or free standing mirrors Metal finished products - Coated structure or article with dry film thickness up to 5.0 mils (125 µm) - Coated structure or article with dry film thickness up to 120 µm	Safety and performance tests :- (cont'd) - Safety tests - Safety tests - Stability tests - Safety tests - Impact test for vertical glass components - Performance tests and dimensional measurements - Impact tests and classification of safety glass Performance tests - Adhesion measurement by tape test - Cross-cut test	ASTM F2057-04 BS EN 1727: 1998 DIN EN 1727: 1998 EN 1727: 1998 BS 4875-8: 1998 with AMD 16896 BS EN 14749: 2005 EN 14749: 2005 < <i>Excluding the following</i> > for the above two standards Clause 6.6 BS EN 14072: 2003 or EN 14072: 2003 Clauses 5 and 7 BS 7449: 1991 with AMD 9376 and AMD 10565 < <i>Excluding the following</i> > Clause 10.2 (Only to stability test of office furniture without wall fixing) BS 6206: 1981 with AMD 4580, AMD 5189, AMD 7589, AMD 8156 and AMD 8693 ASTM D3359-08 Method B < <i>Excluding the following</i> > 12.1 BS 3900-E6:2007 BS EN ISO 2409:2007 EN ISO 2409:2007 ISO 2409:2007 < <i>Excluding the following</i> > for the above four standards Clauses 5.2 and 5.3

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TEXTILES and GARMENTS 紡織品及成衣	Leather 皮革	Chemical analysis :- - pH value - Free formaldehyde content 游離水解甲醛含量 - Chromium (VI)	BS EN ISO 4045: 1998 DIN EN ISO 4045: 1998 EN ISO 4045: 1998 ISO 4045: 1977 BS EN ISO 4045:2008 DIN EN ISO 4045:2008 EN ISO 4045: 2008 ISO 4045: 2008 IULTCS/IUC 11:2008 DIN 53315: 1996 <Excluding the following> Clause 6.2 DD CEN ISO/TS 17226: 2003 CEN ISO/TS 17226: 2003 DIN ISO/TS 17226: 2004 ISO/TS 17226:2003 IULTCS/IUC 19: 2003 GB/T 19941-2005 <Excluding the following> For the above six standards Clause 4 EN ISO 17226-2: 2008 DIN EN ISO 17226-2: 2008 ISO 17226-2:2008 with Corr. 1 IULTCS/IUC 19-2:2008 with Corr. 1 BS EN 420: 2003 Annex B EN 420: 2003 Annex B DIN EN 420: 2003 Annex B DD CEN/TS 14495: 2003 CEN/TS 14495: 2003 DIN CEN/TS 14495: 2003 IULTCS/IUC 18: 2003 BS EN ISO 17075: 2007 EN ISO 17075: 2007 DIN EN ISO 17075: 2008 ISO 17075: 2007 IULTCS/IUC 18: 2007

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TEXTILES and GARMENTS 紡織品及成衣	Textiles and garments	Care performance tests :- - Dimensional stability to dry cleaning - Dimensional stability to steaming - Dimensional stability to washing 洗水縮率 - Preparation, marking and measuring for dimensional change tests 測定尺寸變化的試驗中織物 試樣和服裝的準備、標記及測量 - Wash and wear performance - Skewness after washing	AATCC 158-2005 BS 4323: 1979 ISO 3005: 1978 AATCC Test Method 135-2004 AATCC Test Method 150-2003 BS EN ISO 5077: 2008 DIN EN ISO 5077: 2008 EN ISO 5077: 2008 ISO 5077: 2007 BS EN ISO 6330: 2001 + A1 DIN EN ISO 6330: 2009 EN ISO 6330: 2000 + A1 ISO 6330: 2000 + A1 GB/T 8629-2001 GB/T 8630-2002 BS 4931: 1986 BS EN ISO 3759: 2008 EN ISO 3759: 2008 DIN EN ISO 3759: 2008 ISO 3759: 2007 GB/T 8628-2001 AATCC Test Method 88B-2006 AATCC Test Method 88C-2006 AATCC Test Method 124-2006 AATCC Test Method 143-2006 AATCC Test Method 179-2004

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TEXTILES and GARMENTS (cont'd) 紡織品及成衣 (續上)	Textiles and garments	Chemical analysis :- - Free formaldehyde content 游離水解甲醛含量 - Oil content - pH value (Textiles) pH 值(紡織品) - Released formaldehyde content 釋放甲醛含量 Colour fastness tests :- - Bleaching (hypochlorite) 耐次氯酸鹽漂白色牢度 - Burnt gas fumes	BS EN ISO 14184-1: 1999 DIN EN ISO 14184-1: 1999 EN ISO 14184-1: 1998 ISO 14184-1: 1998 JIS L 1041: 2000 Section 6.3.1 (b) JIS L 1096: 1999 Section 8.39 JIS L 1018: 1999 Section 8.45 JIS L 1087: 2002 Section 7.24 GB 18401-2003 Clause 6.1 using test method GB/T 2912.1-1998 WOOLMARK TM 136-2003 AATCC Test Method 81-2006 BS EN 1413: 1998 DIN EN 1413: 1998 EN 1413: 1998 ISO 3071: 1980 BS EN ISO 3071:2006 DIN EN ISO 3071:2006 EN ISO 3071:2006 ISO 3071:2005 GB 18401-2003 Clause 6.2 using test method GB/T 7573-2002 AATCC Test Method 112-2008 BS EN ISO 14184-2: 1998 DIN EN ISO 14184-2: 1998 EN ISO 14184-2: 1998 ISO 14184-2: 1998 GB/T 2912.2-1998 AS 2001.4.11-1982 ISO 105-N01: 1993 BS EN 20105-N01: 1995 DIN EN 20105-N01: 1995 EN 20105-N01: 1995 GB/T 7069-1997 AATCC Test Method 23-2005

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TEXTILES and GARMENTS (cont'd) 紡織品及成衣 (續上)	Textiles and garments (cont'd)	Colour fastness tests :- (cont'd) - Chlorinated water 耐氯化水色牢度 - Dry cleaning 耐乾洗色牢度 - Hot pressing - Light 耐光色牢度 - Perspiration 耐汗漬色牢度	AS/NZS 2001.4.5-1998 AATCC Test Method 162-2002 ISO 105-E03: 1994 BS EN ISO 105-E03: 1997 DIN EN ISO 105-E03: 1996 EN ISO 105-E03: 1996 GB/T 8433-1998 AATCC Test Method 132-2004 ISO 105-D01: 1993 BS EN ISO 105-D01: 1995 DIN EN ISO 105-D01: 1995 EN ISO 105-D01: 1995 GB/T 5711-1997 AATCC Test Method 133-2004 BS EN ISO 105-X11: 1996 EN ISO 105-X11: 1996 DIN EN ISO 105-X11: 1996 ISO 105-X11: 1994 AATCC Test Method 16-2004 (Option 3) ISO 105-B02: 1994 + A1 + A2 Methods 1 and 2 BS EN ISO 105-B02: 1999 + A1 (with Corr. 1 & 2) Methods 1 and 2 DIN EN ISO 105-B02: 2002 Methods 1 and 2 EN ISO 105-B02: 1999 + A1 Methods 1 and 2 GB/T 8427-1998 AS 2001.4.E04-2005 AATCC Test Method 15-2007 ISO 105-E04: 1994 with Corr. 1 ISO 105-E04: 2008 <Excluding the following> Instrument rating method BS EN ISO 105-E04: 2009 DIN EN ISO 105-E04: 1996 EN ISO 105-E04: 2009 GB 18401-2003 Clause 6.4 using test method GB/T 3922-1995

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TEXTILES and GARMENTS (cont'd) 紡織品及成衣 (續上)	Textiles and garments (cont'd)	Colour fastness tests :- (cont'd) - Spotting (alkaline) 耐鹼斑色牢度 - Spotting (water) 耐水斑色牢度 - Washing 耐洗色牢度	AATCC Test Method 6-2006 ISO 105-E06: 2006 BS EN ISO 105-E06: 2006 DIN EN ISO 105-E06: 2006 EN ISO 105-E06: 2006 GB/T 5716-1997 AS/NZS 2001.4.4-1998 AATCC Test Method 104-2004 ISO 105-E07: 1989 with Corr. 1 BS EN ISO 105-E07: 1997 with Corr. 1 DIN EN ISO 105-E07: 1997 EN ISO 105-E07: 1997 GB/T 5717-1997 AS 2001.4.15-1994 AATCC Test Method 61-2007 Test No. 1A to 5A ISO 105-C01 to C03: 1989 ISO 105-C04 to C05: 1989 ISO 105-C06 A to E: 1994 with Corr. 1 ISO 105-C08: 2001 with Corr. 1 & Amd. 1 BS EN 20105-C01: 1993 BS EN 20105-C02 to C03: 1993 BS EN 20105-C04 to C05: 1993 DIN EN 20105-C01 to C03: 1993 DIN EN 20105-C04 to C05: 1993 EN 20105-C01 to C03: 1992 EN 20105-C04 to C05: 1992 BS EN ISO 105-C06: 1997 with Corr. 1 BS EN ISO 105-C08: 2002 + A1 DIN EN ISO 105-C06: 1997 DIN EN ISO 105-C08:2008 EN ISO 105-C06: 1997 + AC EN ISO 105-C08: 2002 + A1 BS EN ISO 105-C10: 2007 EN ISO 105-C10: 2007 DIN EN ISO 105-C10: 2007 ISO 105-C10: 2006 JIS L0844-2005 Test A1-A3 GB/T 3921.1 to 5-1997

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TEXTILES and GARMENTS (cont'd) 紡織品及成衣 (續上)	Textiles and garments (cont'd)	Colour fastness tests :- (cont'd) - Water 耐水色牢度 Construction tests: - Fabric weight 布重 - Fabric width - Threads per unit length, woven - Twist of yarn - Yarn liner density	AS 2001.4.E01-2001 AATCC Test Method 107-2007 ISO 105-E01: 1994 with Corr. 1 BS EN ISO 105-E01: 1996 with Corr. 1 DIN EN ISO 105-E01: 1996 EN ISO 105-E01: 1996 GB 18401-2003 Clause 6.3 using test method GB/T 5713-1997 ASTM D3776-09 ASTM D3887-96 (2008) Section 9 BS 2471:2005 BS EN 12127:1998 ISO 3801:1977 DIN EN 12127:1997 EN 12127:1997 GB/T 4669-1995 ASTM D3774-96 (2004) ASTM D3887-96 (2008) Section 10 BS EN 1773:1997 ISO 3932:1976 DIN EN 1773:1997 EN 1773:1996 ASTM D3775-08 BS EN 1049-2:1994 ISO 7211-2:1984 DIN EN 1049-2:1994 EN 1049-2:1993 ASTM D1422-99 (2008) ASTM D1423-02 (2008) BS EN ISO 2061: 1996 EN ISO 2061: 1995 DIN EN ISO 2061: 1995 ISO 2061: 1995 BS ISO 7211-4: 1984 ISO 7211-4: 1984 ASTM D1059-01 BS ISO 7211-5 : 1984 ISO 7211-5 : 1984

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TEXTILES and GARMENTS (cont'd) 紡織品及成衣 (續上)	Textiles and garments (cont'd)	Construction tests:- (cont'd) - Weft knit, stitch density Fabric performance tests :- - Abrasion resistance (a) Martindale tester (b) Stoll flat abrasion tester (c) Flex abrasion tester (d) Taber abrasion tester - Absorbency of bleached textiles - Aqueous liquid repellency - Odour 異味 - Oil repellency - Pilling resistance	ASTM D3887-96 (2008) Section 12 BS 5441: 1988 with Amd. 1:1991 (2002) AS 2001.2.25.1 to 4-2006 ASTM D4966-98 (2007)e1 ISO 12947-1 to 4: 1998 with Corr. 1 BS EN ISO 12947-1 to 4: 1999 DIN EN ISO 12947-1 to 4: 2007 EN ISO 12947-1 to 4: 1998 + AC ASTM D3886-99 (2007)e1 ASTM D3885-07a ASTM D3884-07 AATCC Test Method 79-2007 AATCC Test Method 193-2007 GB 18401-2003 Clause 6.7 AATCC Test Method 118-2007 BS 5811: 1986 (1997) ASTM D3512-07 ASTM D4970-07 BS EN ISO 12945-1: 2001 with Corr. 1 DIN EN ISO 12945-1: 2001 EN ISO 12945-1: 2000 ISO 12945-1: 2000 SN EN ISO 12945-1: 2001 BS EN ISO 12945-2: 2000 DIN EN ISO 12945-2: 2000 EN ISO 12945-2: 2000 ISO 12945-2: 2000 SN EN ISO 12945-2: 2000 JIS L 1076-1992 (1997) Methods A and D-3 WOOLMARK TM 152-2000 SN 198525-1990

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TEXTILES and GARMENTS (cont'd) 紡織品及成衣 (續上)	Textiles and garments (cont'd)	Fabric performance tests :- (cont'd) - Soil release performance - Water repellency - Water resistance 防水 (Hydrostatic pressure) - Water resistance (Rain test) - Water vapour permeability - Wrinkle Recovery (Recovery Angle Method) - Wrinkle Recovery (Appearance method)	AATCC Test Method 130-2000 AATCC Test Method 22-2005 BS EN 24920: 1992 (1996) with Amd. 1: 1992 DIN EN 24920: 1992 EN 24920: 1992 ISO 4920: 1981 AATCC Test Method 127-2008 BS 3424-Part26: 1990 Methods 29A and 29C ISO 811: 1981 BS EN 20811: 1992 (1996) with Amd. 1: 1992 DIN EN 20811: 1992 EN 20811: 1992 ISO 1420: 2001 CAN/CGSB-4.2 No. 26.3-95 / ISO 811: 1981 JIS L 1092-1998 Section 6.1 (Method A) GB/T 4744-1997 AATCC Test Method 35-2006 BS 7209:1990 Appendix B AATCC Test Method 66-2008 ISO 2313: 1972 BS EN 22313: 1992 DIN EN 22313: 1992 EN 22313: 1992 AATCC Test Method 128-2004 ISO 9867: 1991

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TEXTILES and GARMENTS (cont'd) 紡織品及成衣 (續上)	Textiles and garments (cont'd) - Children sleepwear other than children's nightgowns, nightshirts, dressing gowns, bathrobes, housecoats, robes, pyjamas and baby-doll pyjamas up to and including size 14X - Bedding items Children's sleepwear Carpet and rugs Upholstered composites for seating including - Visible part of upholstery - Non-visible part of upholstery	Flammability tests :- - 45 degree angle test - 45 degree angle test - 45 degree angle test - Ignitability (surface flash) - Vertical test - Method for determining the surface flammability when exposed to a methenamine tablet - Ignitability by smouldering and flaming ignition source	US 16 CFR Part 1610 CPAI-75: 1976 ASTM D1230-94 (2001) Canada Hazardous Products Acts, R.S., 1985, c. H-3, Schedule 1, Part 1, Item 4 (Revised June 2005) (amended up to SOR/2007-205) using test method CAN/CGSB 4.2 No. 27.5-94 Canada Hazardous Products Acts, R.S., 1985, c. H-3, Schedule 1, Part 1, Item 5 (Revised June 2005) (amended up to SOR/2007-205) using test method CAN/CGSB 4.2 No. 27.5-94 Canada Hazardous Products Acts, R.S., 1985, c. H-3, Schedule 1, Part 1, Item 13 (Revised June 2005) (amended up to SOR/2007-205) using test method CAN/CGSB 4.2 No. 27.5-94 BS 4569: 1983 US 16 CFR Parts 1615 and 1616 US 16 CFR Parts 1630 and 1631 The Furniture and Furnishings (Fire) (Safety) Regulations 1988 (Statutory Instrument 1988 No. 1324) with Amendments in 1989 (Statutory Instrument 1989 No. 2358) and in 1993 (Statutory Instrument 1993 No. 207) Schedule 4 Part I using test method BS 5852: Part 1: 1979 (Cigarette test) Schedule 4 Part II using test method BS 5852: Part 1: 1979 (Cigarette test)

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TEXTILES and GARMENTS (cont'd) 紡織品及成衣 (續上)	Textiles and garments	Fibre analysis :- - Fibre content (Qualitative method) - Fibre content 纖維定量分析 (Quantitative method – mechanical separation and chemical analysis) (定量方法 – 機械分離和化學分析) - Fibre content 纖維定量分析 (Quantitative method – microscopic analysis) (定量方法 – 顯微鏡分析) - Fibre diameter (Animal fibres, yarn and fabric only) - Fibre diameter (by projection microscope) 纖維直徑（投影顯微鏡法） Strength tests :- - Bursting strength - Pile retention	AATCC Test Method 20-2007 <Excluding the following> Refractive Index, Melting Point, Micro-FTIR AATCC Test Method 20A-2008 BS 4407: 1988 (2002) + Amd. 1 + Amd. 2 <Excluding the following> Methods 12, 13, 17 & 18 ISO 1833: 1977 + Amd. 1 <Excluding the following> Sections 14 & 18 ISO 5088: 1976 GB/T 2910-1997 GB/T 2911-1997 The Textile Products (Determination of Composition) Regulation 2006 (Statutory Instrument 2006 No. 3298) European Council Directive 73/44/EEC European Council Directive 96/73/EC as amended by European Council Directive 2006/2/EC and European Council Directive 2007/4/EC <Excluding the following> Method Nos. 12 and 15 ISO 1833-1 to 5, 7 to 14, 16 to 18: 2006 ISO 1833-6: 2007 AATCC Test Method 20A-2008 BS ISO 17751: 2007 ISO 17751: 2007 GB/T 16988-1997 ASTM D2130-90 (2008) ISO 137: 1975 GB 10685-89 ASTM D3786-08a ASTM D3787-07 ISO 13938-1 & 2: 1999 BS EN ISO 13938-1 & 2: 1999 DIN EN ISO 13938-1 & 2: 1999 EN ISO 13938-1 & 2: 1999 ASTM D4685-1987

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS 玩具及兒童產品	Toys	Chemical tests :- - Cellulose nitrate	Canada Hazardous Products Act R.S. 1985 c.H-3, Schedule I Part I Item 7 (Revised June 2005) NZS 5820: Part 4: 1982 with Amendment No. 1: 1990 Clause 403 UK Toys (Safety) Regulations SI 1367: 1974 Section 3
	Toys	- DEHP	In House Method SLIHT006
	Pacifiers, rattles and teethers	- DEHP	ASTM F963-08 Clause 4.3.8 ASTM F963-07(e1) Clause 4.3.8 <i>Test procedures for compliance testing:</i> ASTM D3421-75 (with modifications)
	Toys	- Heavy metals	Canada Hazardous Products Act R.S. 1985 c.H-3, Schedule I Part I, Item 9 (Revised June 2005) NZS 5820: Part 3: 1982 with Amendment No. 1: 1990 Clauses 303.3 and 303.5 <i>Compliance test procedures for total metal content:-</i> In House Method SLIHT002 In House Method SLIHT004 ASTM D3335-85a (Reapproved 2005)
	Furniture and other articles for children (surface coating materials)	-Total lead content	Canada Hazardous Products Act R.S. 1985 c.H-3, Schedule I Part I, Item 2 (Revised June 2005) <i>Compliance test procedures for total lead content:-</i> In House Method SLIHT002 In House Method SLIHT004 ASTM D3335-85a (Reapproved 2005)
	Materials for use by children (surface coating materials)	- Total lead content	Canada Surface Coating Materials Regulations (SOR/2005-109 of April 2005) <i>Compliance test procedures for total lead content:-</i> In House Method SLIHT002 In House Method SLIHT004 ASTM D3335-85a (Reapproved 2005)

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	<p>Toys – paint and similar surface-coating materials</p> <p>Toys and other articles intended for use by children – paint and other similar surface-coating materials</p> <p>Children's metal products</p> <p>Children's non-metal products</p> <p>Toys and children articles</p>	<p>Chemical tests (cont'd) :-</p> <p>- Total lead content</p> <p>- Soluble migrated elements: Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium</p> <p>-Total lead content</p> <p>-Total lead content</p> <p>-Total lead content</p> <p>- Dibutyl Phthalate (DBP) - Di-(2-ethylhexyl) Phthalate (DEHP) - Benzyl Butyl Phthalate (BBP) - Di-n-octyl phthalate (DNOP) - Diisononyl phthalate (DINP) - Diisodecyl phthalate (DIDP)</p>	<p>ASTM F963-07(e1) Clause 4.3.5 ASTM F963-08 Cause 4.3.5 Clause 4.3.5.1 <i>Test procedures for compliance testing:-</i> CPSC Test method: CPSC-CH-E1003-09 Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, April 26, 2009 <Excluding the following> Composite testing</p> <p>Clause 4.3.5.2</p> <p>US Public Law 110 -314 (HR4040) Consumer Product Safety Improvement Act 2008 US 16 CFR Part 1303 <i>Test procedures for compliance testing:-</i> CPSC Test method: CPSC-CH-E1003-09 Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, April 26, 2009 <Excluding the following> Composite testing</p> <p>US Public Law 110 -314 (HR4040) Consumer Product Safety Improvement Act 2008 <i>Test procedures for compliance testing:</i> CPSC Test Method: CPSC-CH-E1001-08 Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry), December 4, 2008</p> <p><i>Test procedures for compliance testing:</i> CPSC Test Method: CPSC-CH-E1002-08 Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products , February 1, 2009</p> <p><i>Test procedure for compliance testing:</i> CPSC Test Method: CPSC-CH-C1001-09.3 Standard Operating Procedure for Determination of Phthalates, April 1, 2010</p>

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	<p>All toys' materials</p> <p>Materials which are mainly composed of polyethylene, polyvinyl chloride or acetyl cellulose (excluding parts on which paint coating is applied)</p> <p>Decalcomania, folded paper and rubber-made toys (excluding rubber pacifiers)</p> <p>Vinyl chloride resin coating</p> <p>The paint coating applied to the body or the components of the toys (excluding the printing ink used for paper containers)</p> <p>Textile products used for toys</p> <p>Ink and the like used for the graphic instruments that are provided with the toys such as pencils, ball-point pens, markers, crayons, pastels, water colours, chalks, etc.</p> <p>Synthetic resin mainly composed of polyvinyl chloride, for which phthalate compound is used as raw material (including those used for paint coating)</p>	<p>Chemical tests (cont'd):-</p> <p>- Colouring matters</p> <p>- Consumption of potassium permanganate</p> <p>- Residue on evaporation</p> <p>- Heavy metals</p> <p>- Arsenic</p> <p>- Cadmium (excluding materials mainly composed of polyethylene)</p> <p>- Heavy metals</p> <p>- Arsenic</p> <p>- Consumption of potassium permanganate</p> <p>- Residue on evaporation</p> <p>- Lead</p> <p>- Arsenic</p> <p>- Cadmium</p> <p>- Heavy metals: 8 elements (antimony, arsenic, barium, cadmium, chromium, lead, mercury and selenium)</p> <p>- Free formaldehyde</p> <p>- Colouring matters</p> <p>- Heavy metals: 8 elements (antimony, arsenic, barium, cadmium, chromium, lead, mercury and selenium)</p> <p>- Bis (2-ethylhexyl) phthalate (DEHP)</p> <p>- Dibutyl phthalate (DBP)</p> <p>- Butyl benzyl phthalate (BBP)</p> <p>- Di-isononyl phthalate (DINP)</p> <p>- Di-isodecyl phthalate (DIDP)</p> <p>- Di-n-octyl phthalate (DNOP)</p>	<p>Japan Toy Safety Standard ST2002, Ninth Edition, (2009.9.1), Part 3 (Based on the English translation published by JTA) Clause 1.1</p> <p>Clause 1.2</p> <p>Clause 1.3</p> <p>Clause 1.4</p> <p>Clause 1.5</p> <p>Clause 1.6 <Excluding the following> Confirmation test by HPLC</p> <p>Clause 1.8</p> <p>Clause 1.9 <Excluding the following> Clause 1.9.3</p>

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	Rubber pacifiers Metals used for toy (neither painted nor covered) Decals Origami paper Rubber pacifiers Coating film of toys Coating film coated by using Polyvinyl chloride Parts (excluding coating film) manufactured using materials mainly composed of polyvinyl chloride	Chemical tests (cont'd):- - Material test: Cadmium and Lead - Dissolution test: Phenol, Formaldehyde, Zinc, Heavy metals and Residue on evaporation - Lead - Heavy metals - Arsenic - Heavy metals - Arsenic - Materials testing: - Cadmium and lead - Eluting testing: - Phenol, Formaldehyde, Zinc, Heavy metals and Evaporation of residue - Cadmium, lead and arsenic - Potassium permanganate consumption - Evaporation of residue - Potassium permanganate consumption - Heavy metals - Cadmium - Evaporation of residue - Arsenic	Japan Toy Safety Standard ST2002, Ninth Edition, (2009.9.1), Part 3 (Based on the English translation published by JTA) (cont'd) Clause 1.10 Clause 1.11 Specifications and Standards for Foods, Food Additives, etc. under the Food Sanitation Act (ABSTRACTS) 2008, JETRO January 2009, Part V "TOYS" <i>Test procedure for compliance testing:-</i> Specifications, Standards and Testing Methods for Foodstuffs, Implements, Containers and Packaging, Toys, Detergents, JETRO January 2009 (Based on the tentative English translation published by JETRO January 2009) Part III Section A Paragraph 1 Part III Section A Paragraph 2 Part III Section A Paragraph 3 Part II Section D Paragraph 3, Sub-paragraph 2 Part III Section A Paragraph 4 Part III Section A Paragraph 5 Part III Section A Paragraph 6

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	<p>Synthetic resin whose primary component is polyvinyl chloride</p> <p>Toys which are made of paper, wood, bamboo, rubber, leather, celluloid, plastic, metal or china and which naturally come into contact with infants' mouths during their use with synthetic resin whose primary component is polyvinyl chloride</p> <p>Parts (excluding coating film) manufactured using materials mainly composed of polyethylene</p> <p>Metallic accessories and toys that might be swallowed by infants and small children</p> <p>Synthetic resin-based colouring agents used in the manufacture of toys</p>	<p>Chemical tests (cont'd):-</p> <p>- bis (2-ethylhexyl) phthalate (DEHP)</p> <p>- Diisononyl phthalate (DINP)</p> <p>- Potassium permanganate consumption</p> <p>- Heavy metals</p> <p>- Evaporation of residue</p> <p>- Arsenic</p> <p>- Lead</p> <p>- Colouring agent</p>	<p>Specifications and Standards for Foods, Food Additives, etc. under the Food Sanitation Act (ABSTRACTS) 2008, JETRO January 2009, Part V "TOYS"</p> <p><i>Test procedure for compliance testing:-</i> Specifications, Standards and Testing Methods for Foodstuffs, Implements, Containers and Packaging, Toys, Detergents, JETRO January 2009 (Based on the tentative English translation published by JETRO) (cont'd)</p> <p>Part III Section A Paragraph 7</p> <p>Part III Section A Paragraph 8</p> <p>Part III Section A Paragraph 9</p> <p>Part III Section A Paragraph 10</p> <p>Part III Section B</p>

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	Battery operated toys < Excluding the following > - Battery powered ride on toys Electric toys supplied at extra-low voltage 電玩具 < Excluding the following > - Toys incorporating lasers and light-emitting diodes 含激光和二極管的玩具 - Toys incorporating automatic controls and switches 含自動控制器和開關的玩具	Electrical tests :- - Battery operated toy safety tests - Compliance inspection and safety tests 安全測試	AS/NZS ISO 8124.1: 2002 + Amdt 1 Annex A ASTM F963-07 (e1) Clauses 4.25 and 8.18 ASTM F963-08 Clauses 4.25 and 8.17 EN 50088: 1996 + A1 + A2 + A3 + A4 < Excluding the following > Clauses 16 (component tests to other standards), 19.2.1 (burning tests to other standards) BS EN 62115: 2005 EN 62115: 2005 IEC 62115: 2003 + A1 AS/NZS 62115: 2008 IS 15644: 2006 < Excluding the following > for the above five standards Clauses 16 (component tests to other standards), 19.2.1 (burning tests to other standards), GB 19865-2005 < Excluding the following 不包含 > Clauses 16 (component tests to other standards), 19.2.1 (burning tests to other standards), 16 (按其他標準的元件測試), 19.2.1 (按其他標準的燃燒測試),

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	Pile fabrics used for toys Toys 玩具	Ignitability (surface flash) test Flammability test 耐燃性試驗 Flammability test 燃燒性能測試	BS 4569: 1983 CNS 4797-1: 2007 <i><Excluding the following></i> Test for flammable gases, extremely flammable liquids, highly flammable liquids, flammable liquids, 不包含: 可燃性氣體、易燃性液體、高度易燃性液體、可燃性液體 GB 6675-2003 with amendment no. 1 Clause 4.2 & Annex B <i><Excluding the following></i> Test for flammable gases, extremely flammable liquids, highly flammable liquids, flammable liquids, 不包含: 易燃氣體、極度易燃液體、高度易燃液體、易燃液體

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	Toys	Physical and mechanical tests :- - Normal use - Reasonably foreseeable abuse - Material - Small parts - Shape, size and strength of certain toys - Edges - Points - Projections - Metal wires and rods - Plastic film or plastic bags in packaging and in toys - Cords and elastics - Folding mechanisms - Holes, clearances and accessibility of mechanisms - Springs - Stability and overload requirements - Enclosures - Simulated protective equipment such as helmets, hats and goggles - Projectile toys - Aquatic toys - Braking - Toy bicycles - Speed limitation of electrically driven ride-on toys - Toys containing a heat source - Liquid-filled toys - Mouth-actuated toys - Toy roller skates and toy skateboards - Percussion caps - Magnets - Test methods - Safety labelling guidelines and manufacturer's markings - Acoustics	AS/NZS ISO 8124.1: 2002 + Amdt 1 + Amdt.2 + Amdt. 3 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 < Excluding the following > 4.25(c) 4.26 4.27 4.28 5 Annex C (Informative) Annex F (informative) < Excluding the following > Toys with earphones or headphones

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	Toys (cont'd)	Physical and mechanical tests :- (cont'd) - Normal use - Reasonably foreseeable abuse - Material - Small parts - Shape, size and strength of certain toys - Edges - Points - Protruding parts - Metal wires and rods - Plastic film or plastic bags in packaging and in toys - Cords and elastics - Folding mechanisms - Holes, clearances and accessibility of mechanisms - Springs - Stability and overload requirements - Enclosures - Simulated protective equipment such as helmets, hats and goggles - Projectile toys - Aquatic toys - Braking - Toy bicycles - Speed limitation of electrically driven ride-on toys - Toys containing a heat source - Liquid-filled toys - Mouth-actuated toys - Toy roller skates and toy skateboards - Percussion caps - Acoustic requirements - Test methods	ISO 8124-1: 2000 + A1 + A2 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 < Excluding the following > 4.25(c) 4.26 4.27 4.28 (with modification by using sound level meter Complying with the specification of IEC 60651 and IEC 60804) 5

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	Toys (cont'd)	Physical and mechanical tests :- (cont'd) Requirements - Normal use - Reasonably foreseeable abuse - Material - Small parts - Shape, size and strength of certain toys - Edges - Points - Projections - Metal wires and rods - Plastic film or plastic bags in packaging and in toys - Cords and elastics - Folding mechanisms - Holes, clearances and accessibility of mechanisms - Springs - Stability and overload requirements - Enclosures - Simulated protective equipment such as helmets, hats and goggles - Projectile toys - Aquatic toys - Braking - Toy bicycles - Speed limitation of electrically driven ride-on toys - Toys containing a heat source - Liquid-filled toys - Mouth-actuated toys - Toy roller skates, toy inline skates and toy skateboards - Percussion caps - Acoustic requirements - Toy scooters - Test methods - Safety labelling guidelines and manufacturer's markings - Toy gun marking	ISO 8124-1: 2009 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 < <i>Excluding the following</i> > 4.25(c) 4.26 4.27 4.28 (with modification by using sound level meter complying with the specification of IEC 60651 and IEC 60804) 4.29 5 Annex B (Informative) Annex D (Informative)

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	Toys (cont'd)	Physical and mechanical tests :- (cont'd) - Normal use - Reasonably foreseeable abuse - Material - Small parts - Shape, size and strength of certain toys - Edges - Points - Projections - Metal wires and rods - Plastic film or plastic bags in packaging - Cords and elastics - Folding mechanisms - Holes, clearances and accessibility of mechanisms - Springs - Stability and overload requirements - Enclosures - Simulated protective equipment such as helmets, hats and goggles - Projectile toys - Aquatic toys - Braking - Toy bicycles - Speed limitation of electrically driven ride -on toys - Toys containing a heat source - Liquid -filled toys - Mouth -actuated toys - Toy roller skates and toy skateboards - Percussion caps - Test methods - Acoustics	IS 9873 (Part 1): 2001 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 < <i>Excluding the following</i> > 4.25(c) 4.26 4.27 5 Annex F (Informative) < <i>Excluding the following</i> > Toys with earphones or headphones

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	Toys (cont'd)	Physical and mechanical tests :- (cont'd) Requirements - Normal use - Reasonably foreseeable abuse - Material - Small parts - Shape, size and strength of certain toys - Edges - Points - Projections - Metal wires and rods - Plastic film or plastic bags in packaging and in toys - Cords and elastics - Folding mechanisms - Holes, clearances and accessibility of mechanisms - Springs - Stability and overload requirements - Enclosures - Simulated protective equipment such as helmets, hats and goggles - Projectile toys - Aquatic toys - Braking - Toy bicycles - Speed limitation of electrically driven ride-on toys - Toys containing a heat source - Liquid-filled toys - Mouth-actuated toys - Toy roller skates, toy inline skates and toy skateboards - Percussion caps - Acoustic requirements - Toy scooters - Test methods - Safety labelling guidelines and manufacturer's markings - Toy gun marking	SANS 8124-1: 2009 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 < Excluding the following > 4.25(c) 4.26 4.27 4.28 (with modification by using sound level meter complying with the specification of IEC 60651 and IEC 60804) 4.29 5 Annex B (Informative) Annex D (Informative)

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	Toys (cont'd)	Physical and mechanical tests :- (cont'd) Safety requirements : - Sound producing toys - Small objects - Accessible edges - Projections - Accessible points - Wires or rods - Nails and fasteners - Packaging film - Folding mechanisms & hinges - Cords, straps and elastics - Stability and over-load requirements - Confined spaces - Wheels, tires & axles - Holes, clearance and accessibility of mechanisms - Simulated protective devices - Pacifiers - Projectile toys - Teethers and teething toys - Rattles - Squeeze toys - Toys intended to be attached to a crib or Playpen - Toy chests - Stuffed and beanbag-type toys - Stroller and carriage toys - Toy gun marking - Balloons - Certain toys with spherical ends - Marbles - Balls - Pompoms - Hemispheric-shaped objects - Yo yo elastic tether toys - Magnets - Labeling requirements - Instructional literature - Producer's markings - Test methods	ASTM F963-07(e1) 4.5 (with modification by using sound level meter complying with the specifications of IEC 60651 and IEC 60804) 4.6 <i><Excluding the following></i> 4.6.2 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 <i><Excluding the following></i> 4.20.1 4.21 4.22 4.23 4.24 4.26 4.27 4.28 4.29 4.31 4.32 4.33 4.34 4.35 4.36 4.37 4.38 4.39 5 6 7 8

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	Toys (cont'd)	Physical and mechanical tests :- (cont'd) Safety requirements : - Sound-producing toys - Small objects - Accessible edges - Projections - Accessible points - Wires or rods - Nails and fasteners - Packaging film - Folding mechanisms and hinges - Cords, straps, and elastics - Stability and over-load requirements - Confined spaces - Wheels, tires, and axles - Holes, clearance, and accessibility of mechanisms - Simulated protective devices - Pacifiers - Projectile toys - Teethers and teething toys - Rattles - Squeeze toys - Toys intended to be attached to a crib or playpen - Stuffed and beanbag-type toys - Stroller and carriage toys - Toy gun marking - Balloons - Certain toys with spherical ends - Marbles - Balls - Pompoms - Hemispheric-shaped objects - Yo yo elastic tether toys - Magnets - Jaw entrapment in handles and steering wheels - Labeling requirements - Instructional literature - Producer's markings - Test methods	ASTM F963-08 4.5 (with modification by using sound level meter complying with the specification of IEC 60651 and IEC 60804) 4.6 <i><Excluding the following></i> 4.6.2 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 <i><Excluding the following></i> 4.20.1 4.21 4.22 4.23 4.24 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 5 6 7 8

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	Toys (cont'd)	Physical and mechanical tests :- (cont'd) General requirements :- - Material - Assembly - Flexible plastic sheeting - Toy bags - Glass - Expanding materials - Edges - Points and metallic wires - Protruding parts - Parts moving against each other - Mouth-actuated toys - Balloons - Cords of toy kites and other flying toys - Enclosures - Toys intended to bear the mass of a child - Heavy immobile toys - Projectiles - Aquatic toys - Percussion caps specifically designed for use in toys and toys using percussion caps - Acoustics - Toys containing a non-electrical heat source - Small balls - Magnets Toys intended for children under 36 months: - General requirements - Filling materials - Plastic sheeting - Cords on toys - Liquid filled toys - Speed limitation of electrically driven toys - Glass and porcelain - Shape and size of certain toys - Toys comprising monofilament fibres - Small balls - Play figures - Hemispheric-shaped toys - Suction cups	BS EN 71-1: 2005 + A9 EN 71-1: 2005 + A9 DIN EN 71-1: 2009 4.1 4.2 4.3 4.4 4.5 4.6 4.7 4.8 4.9 4.10 4.11 <Excluding the following> 4.11(c) 4.12 4.13 4.14 4.15 4.16 4.17 4.18 4.19 4.20 (with modification by using sound level meter complying with the specifications of IEC 60651 and IEC 60804) < Excluding the following > Toys with earphones or headphones 4.21 4.22 4.23 5.1 5.2 5.3 5.4 5.5 5.6 5.7 5.8 5.9 5.10 5.11 5.12 5.13

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	Toys (cont'd)	Physical and mechanical tests :- (cont'd) - General - Packaging - Toys for children under 3 years of age - Exposed metal edges - Ends of wires - Plastic edges - Exposed wooden surfaces, edges and corners - Glass edges and corners - Fasteners - Folding mechanism, bracket and bracing - Spring-wound driving mechanism - Projectiles - Toys which a child can enter - Stationary toys intended to bear the weight of a child - Dolls and soft toys - sharp edge or point - stuffing material - eye or nose - squeaker, reed, valve or similar device - Pull and push toys - Rattles - Elastic - Method for testing the security of the attachment of eyes or nose to dolls and soft toys - Volumetric container to determine ingestion and aspiration hazards - Template to determine impaction hazard of rattles	Canada Hazardous Products (Toys) Regulations C.R.C., c.931 (amended up to SOR/2004-65) 3 4 7 8(a) 8(b) 8(c) 8(d) 8(e) 8(f) 8(g) 8(h) 8(i) (test to Health Canada Product Safety Reference Manual Book – Laboratory Policies and Procedures Part B: test Method Section, Method M-01.1 Clause 5.4) 8(j) 8(k) 13 14 < <i>Excluding the following</i> > 14(c) 15 19 21 25 26 Schedule III Schedule VIII Schedule IX

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	Toys (cont'd)	Physical and mechanical tests :- (cont'd) Materials: - Flexible plastics sheeting - Wood - Glass - Stuffing materials - Expanding materials Construction: - Edges - Overlap joints - Fastenings - Points and wires - Components protruding from the body of the toy - Folding mechanisms - Hinges - Diving mechanisms - Springs - Dry cells - Small toys and detachable components - Non-detachable components - Toys intended to be put into the mouth - Elastic cords used for toys intended for children under 18 months of age - Toys intended to be pulled along by the child - Toys which a child can enter - Toys intended to bear the weight of a child - Heavy immobile toys - Toys containing a heat source - Projectiles - Non-projectile imitation weapons - Imitation protective equipment - Toys designed to produce sound when shaken and toys incorporating wires, metal rods and metal nails that are inaccessible but have sharp points and ends - Kites and other flying toys - Aquatic toys - Inflatable vinyl toys	Japan Toy Safety Standard ST 2002 Ninth Edition (2009.9.1) Part 1 4.1.1 4.1.2 4.1.3 4.1.4 4.1.5 4.2.1.1 4.2.1.2 4.2.1.3 4.2.1.4 4.2.1.5 4.2.1.6 4.2.1.7 4.2.1.8 4.2.1.9 4.2.1.10 <Excluding the following> Button cell compartment capable of opening easily 4.2.2.1 4.2.2.2 4.2.2.3 4.2.2.4 4.2.2.5 4.2.2.6 4.2.2.7 4.2.2.8 4.2.2.9 < Excluding the following > 4.2.2.9.1 and 4.2.2.9.2 4.2.2.10 < Excluding the following > 4.2.2.10.3(1)(3) 4.2.2.11 4.2.2.12 4.2.2.13 4.2.2.14 4.2.2.15 4.2.2.16 < Excluding the following > 4.2.2.16.1

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	Toys (cont'd)	Physical and mechanical tests :- (cont'd) Construction: - Toys intended to be used by children under 18 months of age - Noise level of sound producing toys - Large toys - Method of test: - Packaging - Labelling - Safety requirements of toys intended for children under the age of 3 years - Safety requirements of toys which contain magnets	Japan Toy Safety Standard ST 2002 Ninth Edition (2009.9.1) Part 1 4.2.2.17 4.2.2.18 (for sound pressure level up to 130dB) 4.2.2.19 5 6 7 Supplement 1 Supplement 2

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	Balls intended for use by children under 3 years of age Marbles, small balls, balloons and other small Parts intended for use by children above 3 years of age Toys intended for use by children under 8 years of age Toys Toys and other articles intended for use by children under 3 years of age Rattles Pacifiers Dive sticks	Physical and mechanical tests :- (cont'd) - Method for identifying mechanical hazards because of small balls - Labeling requirements - Technical requirements for determining a sharp point in toys - Technical requirements for determining a sharp metal or glass edge in toys - 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 - Labeling requirements: prominence, placement and conspicuousness - Method for identifying choking, aspiration, or ingestion hazards because of small parts - Method for identifying choking and/or suffocation hazards - Requirement for pacifiers - Method for identifying mechanical hazards because of dive sticks	16 CFR 1500.18(a)(17) 16 CFR 1500.19 16 CFR 1500.48 16 CFR 1500.49 16 CFR 1500.50, 1500.51, 1500.52 and 1500.53 16 CFR 1500.121 16 CFR 1501 in conjunction with test methods specified in 16 CFR 1500.51 or 16 CFR 1500.52 [excluding bite test to 1500.51(c) or 1500.52 (c)] 16 CFR 1510 in conjunction with test methods specified in 16 CFR 1500.51 [excluding bite test to 1500.51(c) and flexure test to 1500.51 (d)] 16 CFR 1511 16 CFR 1500.18(a)(19) in conjunction with test methods specified in 16 CFR 1500.86(a)(7) or 16 CFR 1500.86(a)(8)

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	Toys 玩具	Physical and mechanical tests :- 機械和物理性能測試 - Instructions for use of toys 玩具使用說明 Technical requirements 技術要求 - Normal use 正常使用 - Reasonably foreseeable abuse 可預見的合理濫用 - Material 材料 - Small parts 小零件 - Shape, size and strength of certain toys 某些特定玩具的形狀、尺寸及強度 - Edges 邊緣 - Points 尖端 - Projections 突出物 - Metal wires and rods 金屬絲和杆件 - Plastic film or plastic bags in packaging and in toys 用於包裝或玩具中的塑膠袋或塑膠薄膜 - Cords and elastics 繩索和彈性繩 - Folding mechanisms 折疊機構 - Holes, clearances and accessibility of mechanisms 孔、間隙、機械裝置的可觸及性 - Springs 彈簧 - Stability and overload requirements 穩定性和超載要求 - Enclosures 封閉式玩具 - Simulated protective equipment such as helmets, hats and goggles 仿製防護玩具(頭盔、帽子、護目鏡) - Projectile toys 彈射玩具 - Aquatic toys 水上玩具 - Braking 制動玩具 - Toy bicycles 玩具自行車 - Speed limitation of electrically driven ride-on toys 電動童車的速度要求 - Toys containing a heat source 熱源玩具 - Liquid-filled toys 液體填充玩具 - Mouth-actuated toys 口動玩具 - Toy roller skates and toys skateboards 玩具旱冰鞋及玩具滑板 - Percussion caps 玩具火藥帽	GB 5296.5-2006 GB 6675-2003 with amendment no. 1 4.1.1 / A.4.1 4.1.2 / A.4.2 4.1.3 / A.4.3 4.1.4 / A.4.4 4.1.5 / A.4.5 4.1.6 / A.4.6 4.1.7 / A.4.7 4.1.8 / A.4.8 4.1.9 / A.4.9 4.1.10 / A.4.10 4.1.11 / A.4.11 4.1.12 / A.4.12 4.1.13 / A.4.13 4.1.14 / A.4.14 4.1.15 / A.4.15 4.1.16 / A.4.16 4.1.17 / A.4.17 4.1.18 / A.4.18 4.1.19 / A.4.19 4.1.20 / A.4.20 4.1.21 / A.4.21 4.1.22 / A.4.22 4.1.23 / A.4.23 4.1.24 / A.4.24 4.1.25 / A.4.25 < Excluding the following 不包含 > 4.1.25 c) / A.4.25 c) 4.1.26 / A.4.26 4.1.27 / A.4.27

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	Toys (cont'd) 玩具(續上)	Physical and mechanical tests :- (cont'd) 機械和物理性能測試(續上) Test methods 測試方法 - Acoustics 聲響玩具 - Safety of toys (general requirements) 玩具安全(一般要求)	GB 6675-2003 with amendment no. 1 A.5 Annex A.F (Informative) 附錄 A.F (資料性附錄) < Excluding the following 不包含 > Toys with earphones or headphones 備有耳機或頭戴受話器的玩具 CNS 4797: 2007 < Excluding the following 不包含 > 3(4), 3(5), 3(6) and 3(7)

Specialized Technology Resources (H.K.) Limited
勝邦（香港）公證有限公司

TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
TOYS and CHILDREN'S PRODUCTS (cont'd) 玩具及兒童產品 (續上)	Toys (cont'd) 玩具(續上)	Physical and mechanical tests :- (cont'd) 物理性試驗(續上) Technical requirements 技術要求 - Normal use 正當使用 - Reasonably foreseeable abuse 合理可預見的濫用 - Material 材料 - Small parts 小物件 - Shape, size and strength of certain toys 特定玩具的形狀、尺度及強度 - Edges 邊緣 - Points 尖端 - Projections 突出物 - Metal wires and rods 金屬線和桿 - Plastic film or plastic bags in packaging and in toys 包裝上及玩具中之塑膠薄膜或塑膠袋 - Cords and elastics 繩索及鬆索帶 - Folding mechanisms 摺疊機構 - Holes, clearances and accessibility of mechanisms 孔洞、間隙和可觸及之機構 - Springs 彈簧 - Stability and overload requirements 穩定性和超載要求 - Enclosures 密閉空間 - Simulated protective equipment such as helmets, hats and goggles 模擬防護裝置 - Projectile toys 拋射體玩具 - Aquatic toys 水上玩具 - Braking 煞車 - Toy bicycles 玩具自行車 - Speed limitation of electrically driven ride-on toys 電動騎乘玩具速度限制 - Toys containing a heat source 含有熱源的玩具 - Liquid-filled toys 液體充填玩具 - Mouth-actuated toys 口啣玩具 - Toy roller skates and toys skateboards 玩具輪式溜冰鞋 Test methods 試驗方法	CNS 4797-3: 2004 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 3.10 3.11 3.12 3.13 3.14 3.15 3.16 3.17 3.18 3.19 3.20 3.21 3.22 3.23 3.24 3.25 < Excluding the following 不包含 > 3.25(3) 3.26 4

