



Bureau Veritas Hong Kong Limited - Kowloon Bay Office

立德國際公証香港有限公司 - 九龍灣辦事處

ADDRESS : 1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong
地址 香港九龍九龍灣啟興道2號太平洋貿易中心1樓

ENQUIRY : Mr Kent LAI Ka-ming
查詢 Director
賴家明先生，總監

TELEPHONE : (852) 2331 0888
電話

FAX : (852) 2331 0889
傳真

E-MAIL : kent.lai@hk.bureauveritas.com
電郵

WEBSITE ADDRESS : www.bureauveritas.com/cps/
網址

CLIENTELE : Public
服務對象 公眾



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ADDRESS : 1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong
地址 香港九龍九龍灣啟興道2號太平洋貿易中心1樓

Room 2106-2107, 21/F, Westin Centre, 26 Hung To Road, Kwun Tong, Kowloon,
Hong Kong.

香港九龍觀塘鴻圖道26號威登中心21樓2106-2107室

ACCREDITED TEST : Testing Required by the China Compulsory Certification System (CCC)

CATEGORY 中國強制性產品認證制度規定的檢測

認可測試類別 Chemical Testing 化學測試

Electrical and Electronic Products 電氣及電子產品

Environmental Testing 環境測試

Food 食品

Miscellaneous 雜類

Pharmaceutical Products 藥物

Textiles and Garments 紡織品及成衣

Toys and Children's Products 玩具及兒童產品

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Testing Required by the China Compulsory Certification System (CCC) 中國強制性產品認證制度規定的檢測

ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY 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
<p>Toy and children's product 兒童用品</p> <ul style="list-style-type: none"> - Toy (2202) - 玩具(2202) - Electric toy <Excluding the following> <ul style="list-style-type: none"> - toy containing gas or liquid - imitation weapon toy - chemical toy - cosmetic toy - toy with direct food contact - percussion cap - toy to be cleaned with liquid - 電玩具 <不包括> <ul style="list-style-type: none"> - 含氣體或液體玩具 - 仿真武器玩具 - 化學遊戲玩具 - 玩具化妝品 - 與食品直接接觸的玩具 - 玩具火藥帽 - 可能用液體清潔的玩具 	<p>All required tests as specified in CNCA-C22-02: 2020</p> <p>CNCA-C22-02: 2020 有關規定的所有檢測</p>	<p>GB 6675.1-2014 GB 6675.2-2014 + Amendment 1 GB 6675.3-2014 GB 6675.4-2014 GB 19865-2005 + Amendment 1</p> <p>GB 6675.1-2014 GB 6675.2-2014 + 第 1 號修改單 GB 6675.3-2014 GB 6675.4-2014 GB 19865-2005 + 第 1 號修改單</p>

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<p>Toys and children's products (cont'd) 兒童用品(續上)</p> <p>- Toy (2202) (cont'd) - 玩具(2202) (續上)</p> <p>- Plastic toy <Excluding the following> - toy containing gas or liquid - imitation weapon toy - chemical toy - cosmetic toy - toy with direct food contact - percussion cap</p> <p>- 塑膠玩具 <不包括> - 含氣體或液體玩具 - 仿真武器玩具 - 化學遊戲玩具 - 玩具化妝品 - 與食品直接接觸的玩具 - 玩具火藥帽</p> <p>- Metal toy <Excluding the following> - toy containing gas or liquid - imitation weapon toy - chemical toy - cosmetic toy - toy with direct food contact - percussion cap</p> <p>- 金屬玩具 <不包括> - 含氣體或液體玩具 - 仿真武器玩具 - 化學遊戲玩具 - 玩具化妝品 - 與食品直接接觸的玩具 - 玩具火藥帽</p>	<p>All required tests as specified in CNCA-C22-02: 2020</p> <p>CNCA-C22-02: 2020 有關規定的所有檢測</p> <p>All required tests as specified in CNCA-C22-02: 2020</p> <p>CNCA-C22-02: 2020 有關規定的所有檢測</p>	<p>GB 6675.1-2014 GB 6675.2-2014 + Amendment 1 GB 6675.3-2014 GB 6675.4-2014</p> <p>GB 6675.1-2014 GB 6675.2-2014 + 第 1 號修改單 GB 6675.3-2014 GB 6675.4-2014</p> <p>GB 6675.1-2014 GB 6675.2-2014 + Amendment 1 GB 6675.3-2014 GB 6675.4-2014</p> <p>GB 6675.1-2014 GB 6675.2-2014 + 第 1 號修改單 GB 6675.3-2014 GB 6675.4-2014</p>

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Chemical Testing 化學測試

ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY 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
Products (intended to come into direct contact with skin)	Nickel release	Regulation (EC) No 1907/2006 on REACH Annex XVII Item No 27 as amended by Commission Regulation (EC) No 552/2009 <i>Test methods for compliance testing for Nickel content:-</i> EN 1811: 2011+A1: 2015 BS EN 1811: 2011+A1: 2015
Coated articles that come into direct and prolonged contact with the skin (excluding articles with an outer coating containing nickel and those which are inserted into pierced ears and other parts of the human body)	Nickel release	Regulation (EC) No. 1907/2006 on REACH Annex XVII Item No 27 as amended by Commission Regulation (EC) No. 552/2009 <i>Compliance test procedures for nickel release content:-</i> BS EN 12472: 2020 & BS EN 1811:2011 + A1: 2015 EN 12472: 2020 & EN 1811:2011 + A1: 2015 Netherlands Law Gazette 1999 No. 149 (Chemical Substances Act) Regulation (EC) No 1907/2006 on REACH Annex XVII Item No 23 as amended by Commission Regulation (EC) No 835/2012 and Commission Regulation (EU) No 2016/217 United Kingdom Environmental Protection (Controls on Injurious Substances) (No.2) Regulations 1993 No. 1643 for cadmium content Swedish Ordinance SFS 1998: 944 German Chemicals Prohibition Ordinance paragraph 18: Cadmium Switzerland Ordinance relating to Environmentally Hazardous Substances (Ordinance on Substances) of 9 June 1986 (updated Jan 1996) with Amd. of 11 Nov 1998, Annex 4.11 & 4.12
Surface coating, fabric, leather, metal, paint, paper, wood and coloured materials	Cadmium content	<i>Test method for compliance testing for Cadmium content in other materials except plastics:-</i> In House Method SOP# CH-355C
Plastics	Cadmium content	<i>Test methods for compliance testing for Cadmium content in plastics:-</i> BS EN 1122: 2001 method B (wet decomposition) EN 1122: 2001 method B (wet decomposition)

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<p>Products made from leather and textile products</p>	<p>- Amine (Azo colourants) :</p> <p>4-aminodiphenyl Benzidine 4-chloro-o-toluidine 2-naphthylamine o-aminoazotoluene 5-nitro-o-toluidine 4-chloroaniline 4-methoxy-m-phenylenediamine 4,4'-diaminodiphenylmethane 3,3'-dichlorobenzidine 3,3'-dimethoxybenzidine 3,3'-dimethylbenzidine 4,4'-methylenedi-o- toluidine p-cresidine 4,4'-methylene-bis-(2-chloroaniline) 4,4'-oxydianiline 4,4'-thiodianiline o-toluidine 4-methyl-m-phenylenediamine 2,4,5-trimethylaniline 2-methoxyaniline</p> <p>4-aminoazobenzene</p>	<p>Regulation (EC) No. 1907/2006 on REACH Annex XVII Item No 43 as amended by Commission Regulation (EC) No. 552/2009 and Commission Regulation (EU) No. 2020/2096</p> <p><i>Test methods for compliance testing for leather products:</i> EN ISO 17234-1: 2015</p> <p><i>Test method for compliance testing for textile products</i> EN ISO 14362-1: 2017</p> <p><i>Test methods for compliance testing for leather products:</i> EN ISO 17234-2: 2011</p> <p><i>Test methods for compliance testing for textile products:</i> EN ISO 14362-3: 2017</p> <p>Techniques used are GC-MSD and HPLC-DAD for all test methods listed above.</p>

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Chemical Testing 化學測試

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Food 食品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY 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
Food containers (ceramic ware)	Toxicological tests :- - Leachable Cadmium and Lead	US FDA Compliance Policy Guides 7117.06 (2005)- 7117.07 (2005) <i>Test procedures for compliance:-</i> AOAC Official Method 973.32 (2005) AOAC Official Method 973.82 (2005) < Excluding the following > Clause F ASTM C738-94 (Reapproved 2020)
Food containers (lip & rim areas of glass tumblers externally decorated with ceramic glass enamels)	- Leachable Cadmium and Lead	ASTM C927-80 (Reapproved 2019)e1
Food containers (Glazed ceramic and glassware, excluding decorative products)	- Lead and cadmium	Canada Consumer Product Safety Act (S.C. 2010, c.21) Glazed Ceramics and Glassware Regulations SOR2016-175 <i>Test procedures for compliance testing:</i> Health Canada Product Safety Reference manual Book 5 – Laboratory Policies and Procedures Part B: Test Methods Section, Method C-10: Determination of Leachable Lead and Cadmium from Glazed Ceramics and Glassware by Flame Atomic Absorption Spectrometer (2017-10-20)

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Miscellaneous 雜類

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Cosmetics, Liquids, Pastes, Putties, Gels and Powders	Microbiological tests :- - Antimicrobial effectiveness testing - Efficacy of antimicrobial preservation Microbiological examination of non- sterile products: - Microbial enumeration test - Test for specified microorganisms	USPNF 2022, Issue 3, Chapter < 51 > British Pharmacopoeia (2023) App. XVI C European Pharmacopoeia 11 th edition (2023), General texts 5.1.3 USPNF 2022, Issue 3, Chapter < 61 > British Pharmacopoeia (2023) App. XVI B, Method 2 European Pharmacopoeia 11 th edition (2023), Method 2.6.12 USPNF 2022, Issue 3, Chapter < 62 > British Pharmacopoeia (2023) App. XVI B, Method 1 European Pharmacopoeia 11 th edition (2023), Method 2.6.13

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Cosmetics	Microbiological tests (cont'd) :- Microbiological examination of non- sterile products: - Microbial Enumeration Test - Test for specified microorganisms - Efficacy of antimicrobial preservation	The European Cosmetic Regulation 1223/2009/EC (Annex I, Part A: Item 3) and The SCCS Notes of Guidance for the Testing of Cosmetics Ingredients and Their Safety Evaluation, 11th Revision, 30-31 March 2021, SCCS/1628/21, Appendix 9: Guidelines on Microbiological Quality of the Finished Cosmetic Product <i>Test procedures for compliance testing:-</i> British Pharmacopoeia (2023) App. XVI B, Method 2 European Pharmacopoeia 11 th edition (2023), Method 2.6.12 British Pharmacopoeia (2023) App. XVI B, Method 1 European Pharmacopoeia 11 th edition (2023), Method 2.6.13 British Pharmacopoeia (2023) App. XVI C European Pharmacopoeia 11 th edition (2023), General texts 5.1.3
Water	- Total coliform count	DoE(1983) The Bacteriological Examination of Drinking Water Supplies, 1982 (Membrane Filtration Procedure: Sections 7.8, 7.9.4.1 and 7.9.4.2; Bacterial Confirmation: Section 7.9.4.3)

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Pharmaceutical Products 藥物

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Pharmaceutical articles	<p>Microbiological examination :-</p> <p>Microbiological examination of non- sterile products:</p> <ul style="list-style-type: none"> - Microbial Enumeration Test - Test for specified microorganisms <ul style="list-style-type: none"> - Microbial Enumeration Test <ul style="list-style-type: none"> - Test for specified microorganisms 	<p><i>Acceptance criteria:</i> The Japanese Pharmacopoeia, JP XVIII (2021) <G4-1-170> G4 Microorganisms, Microbial Attributes of Non-sterile Pharmaceutical Products</p> <p><i>Test procedures for compliance testing:</i> The Japan Pharmacopoeia, JP XVIII (2021) General test 4.05 Microbiological Examination of non-sterile products</p> <p><i>Acceptance criteria:</i> USPNF 2022, Issue 3, Chapter <1111></p> <p><i>Test procedures for compliance testing:</i> USPNF 2022, Issue 3, Chapter < 61 ></p> <p><i>Acceptance criteria:</i> British Pharmacopoeia (2023) App. XVI D</p> <p><i>Test procedures for compliance testing:</i> British Pharmacopoeia (2023) App. XVI B, Method 2</p> <p><i>Acceptance criteria:</i> European Pharmacopoeia 11th edition (2023), General texts 5.1.4</p> <p><i>Test procedures for compliance testing:</i> European Pharmacopoeia 11th edition (2023), Method 2.6.12</p> <p><i>Acceptance criteria:</i> USPNF 2022, Issue 3, Chapter <1111></p> <p><i>Test procedures for compliance testing:</i> USPNF 2022, Issue 3, Chapter <62></p> <p><i>Acceptance criteria:</i> British Pharmacopoeia (2023) App. XVI D</p> <p><i>Test procedures for compliance testing:</i> British Pharmacopoeia (2023) App. XVI B, Method 1</p> <p><i>Acceptance criteria:</i> European Pharmacopoeia 11th edition (2023), General texts 5.1.4</p> <p><i>Test procedures for compliance testing:</i> European Pharmacopoeia 11th edition (2023), Method 2.6.13</p>



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Textiles and Garments 紡織品及成衣

ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY 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
General Textiles and Garments :- - General Textiles and Garments	Care performance tests :- - Dimensional stability to washing - Skewness after washing - Wash and wear performance Chemical tests :- - Free formaldehyde content	AATCC TM135-2018t AATCC TM179-2019 AATCC TM124-2018t ISO 14184-1: 2011

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Textiles and Garments 紡織品及成衣

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General Textiles and Garments :- (cont'd) - General Textiles and Garments 一般紡織品及成衣	Colour fastness tests :- 色牢度 :- - Light - Perspiration 耐汗漬色牢度 - Phenolic yellowing - Rubbing/crocking - Seawater - Water 耐水色牢度	AATCC TM16.3-2020 AATCC TM15-2021 ISO 105-E04: 2013 <Excluding the following> for the above two standards Instrument rating method GB/T 3922- 2013 ISO 105-X18: 2007 <Excluding the following> Instrument rating method AATCC TM8-2016e AATCC TM106-2009e(2013)e3 ISO 105-E02: 2013 <Excluding the following> for the above two standards Instrument rating method AATCC TM107-2013e2 ISO 105-E01: 2013 <Excluding the following> for the above two standards Instrument rating method GB/T 5713-2013

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General Textiles and Garments :- (cont'd) - General Textiles and Garments	Fibre analysis :- - Fibre content (Qualitative method) - Fibre content (Quantitative method – mechanical Separation, chemical analysis and microscopic analysis) - Fibre content (quantitative method - mechanical separation and chemical analysis)	AATCC TM20-2021 <Excluding the following> Cl. 9.4 (Refractive index), 9.6 (Density), 9.9 (Stain Tests), 9.10 (Melting Point) and 9.11 (Micro-FTIR) AATCC TM20A-2021 <Excluding the following> Methods 9.1.4 (enzyme treatment) and 13.3 (stain test) BS 4407: 1988 < Excluding the following > Methods 13, 17 and 18 Regulation (EU) no 1007/2011 < Excluding the following > Methods 12, 15 and Annex X



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General Textiles and Garments :- (cont'd) - General Textiles and Garments	Fibre analysis :- (cont'd) - Fibre content (quantitative method - mechanical separation and chemical analysis) (cont'd)	ISO 1833-1: 2020 (Note: The above Part 1 standard should be used in conjunction with other parts of ISO 1833 for particular fibre mixtures) ISO 1833-2: 2020 ISO 1833-3: 2020 ISO 1833-4: 2017 ISO 1833-5: 2006 ISO 1833-6: 2018 ISO 1833-7: 2017 ISO 1833-8: 2006 ISO 1833-9: 2019 ISO 1833-10: 2019 ISO 1833-11: 2017 ISO 1833-12: 2020 ISO 1833-13: 2019 ISO 1833-14: 2019 ISO 1833-16: 2019 ISO 1833-17: 2019 ISO 1833-18: 2020 ISO 1833-20: 2018

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Textiles and Garments 紡織品及成衣

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General Textiles and Garments (cont'd) - General Textiles and Garments Specific Products :- - Wearing apparel - Children's sleepwear - Carpet and rugs - General Textiles and Garments	Flammability tests :- - 45 degree angle test - Surface flash flammability - Flammability of vinyl plastic film - Vertical test - Method for determining the surface flammability when exposed to a methenamine tablet Strength tests :- - Bursting strength (Diaphragm bursting method) - Pile retention (Corduroy fabrics) - Tensile strength (Grab method) - Tearing strength (Elmendorf)	US 16 CFR Part 1610 BS 4569: 1983 US 16 CFR Part 1611 US 16 CFR Parts 1615 and 1616 US 16 CFR Parts 1630 and 1631 ASTM D3786/D3786M-18 ASTM D4685/D4685M-15 (2020) BS EN ISO 13934-2: 2014 ISO 13937-1: 2000 with Corr. 1 (2004)

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立德國際公証香港有限公司 - 九龍灣辦事處

1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong

香港九龍九龍灣啟興道2號太平洋貿易中心1樓

Toys and Children's Products 玩具及兒童產品

ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY 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
Ceramicware (ceramic toy components intended or likely to hold food)	Chemical tests :- - Lead and cadmium Contamination	ASTM F963-17 Cl. 4.3.3.2 & FDCA Section 402 (a) (2) (c) & applicable US FDA Compliance Policy Guides ASTM F963-23 Cl. 4.3.3.2 & FDCA Section 402 (a) (2) (c) & applicable US FDA Compliance Policy Guides <i>Test procedures for compliance testing of lead and cadmium contents:-</i> ASTM C738-94 (Reapproved 2020)
Child use and care articles – cutlery and feeding utensils	- Bis-(2-ethylhexyl) Phthalate (DEHP) - Dibutyl Phthalate (DBP) - Benzyl Butyl Phthalate (BBP) - Di-n-octyl Phthalate (DNOP) - Diisononyl Phthalate (DINP) - Diisodecyl Phthalate (DIDP)	EN14372: 2004 Cl. 5.4.2.3 and 6.3.2 <Excluding the following> Gravimetric method
Toys and other articles intended for use by children – paint and other similar surface-coating materials	- Total lead content	US Public Law 110-314 Consumer Product Safety Improvement Act 2008 US 16 CFR Part 1303 <i>Test procedures for compliance testing:-</i> CPSC Test Method: CPSC-CH-E1003-09.1 Standard Operating Procedure for Determining Lead (Pb) in Paint & other similar Surface Coatings, February 25, 2011 ASTM F2853-10 (Reapproved 2015) (For determination of lead in paint layers and similar coatings on plastic and metal substrates only)
Toys – paint and similar surface-coating materials	- Total lead content - Total element content screening Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium	ASTM F963-17 Cl. 4.3.5.1 (1) ASTM F963-23 Cl. 4.3.5.1 (1) <i>Test procedures for compliance testing:-</i> CPSC Test method: CPSC-CH-E1003-09.1 Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, February 25, 2011 ASTM F963-17 Cl. 4.3.5.1 (2) and 8.3.1.3 ASTM F963-23 Cl. 4.3.5.1 (2) and 8.3.1.3 <i>Test procedures for compliance testing:-</i> In-house method: SOP# CH-572C

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1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong

香港九龍九龍灣啟興道2號太平洋貿易中心1樓

Toys and Children's Products 玩具及兒童產品

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<p>Toys – paint and similar surface-coating Materials (cont'd)</p> <p>Toys – substrate materials (not including children's jewelry)</p>	<p>Chemical tests (cont'd) :-</p> <ul style="list-style-type: none"> - Migration of the elements Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium - Migration of the elements Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium - Total lead content - Total element content screening Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium - Migration of the elements Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium - Migration of the elements Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium 	<p>ASTM F963-17 Cl. 4.3.5.1 (2) <i>Test procedures for compliance testing:-</i> ASTM F963-17 Cl. 8.3.2 – 8.3.4</p> <p>ASTM F963-23 Cl. 4.3.5.1 (2) <i>Test procedures for compliance testing:-</i> ASTM F963-23 Cl. 8.3.2 – 8.3.4</p> <p>ASTM F963-17 Cl. 4.3.5.2 (2)(a) ASTM F963-23 Cl. 4.3.5.2 (2)(a) <i>Test procedures for compliance testing:-</i> CPSC Test Method: CPSC-CH-E1001-08.3 Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry), November 15, 2012 <Excluding the following > XRF spectrometry CPSC Test Method: CPSC-CH-E1002-08.3 Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products, November 15, 2012 <Excluding the following > XRF spectrometry</p> <p>ASTM F963-17 Cl. 4.3.5.2 (2)(b) & (c) and 8.3.1.3 ASTM F963-23 Cl. 4.3.5.2 (2)(b) & (c) and 8.3.1.3 <i>Test procedures for compliance testing:-</i> In-house method: SOP# CH-572C</p> <p>ASTM F963-17 Cl. Cl. 4.3.5.2 (2)(b) <i>Test procedures for compliance testing:-</i> ASTM F963-17 Cl. 8.3.5</p> <p>ASTM F963-23 Cl. Cl. 4.3.5.2 (2)(b) & (c) <i>Test procedures for compliance testing:-</i> ASTM F963-23 Cl. 8.3.5</p>

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1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong

香港九龍九龍灣啟興道2號太平洋貿易中心1樓

Toys and Children's Products 玩具及兒童產品

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Children's metal products	Chemical tests (cont'd) :- - Total lead content	US Public Law 110-314 Consumer Product Safety Improvement Act 2008 <i>Test procedures for compliance testing:-</i> CPSC Test Method: CPSC-CH-E1001-08.3 Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry), November 15, 2012 <Excluding the following > XRF spectrometry
Children's non-metal products	- Total lead content	<i>Test procedures for compliance testing:-</i> CPSC Test Method: CPSC-CH-E1002-08.3 Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children's Products, November 15, 2012 <Excluding the following > XRF spectrometry
Toys and childcare articles	- Dibutyl Phthalate (DBP) - Di-(2ethylhexyl) phthalate (DEHP) - Benzyl Butyl Phthalate (BBP) - Diisononyl phthalate (DINP) - Diisobutyl phthalate (DIBP) - Di-n-pentyl phthalate (DPP/DPENP) - Di-n-hexyl phthalate (DnHP / DHEXP) - Dicyclohexyl phthalate (DCP/DCHP)	US Public Law 110 -314 Consumer Product Safety Improvement Act 2008 and US 16 CFR Part 1307 <i>Test procedures for compliance testing:</i> CPSC Test Method: CPSC-CH-C1001-09.4 Standard Operating Procedure for Determination of Phthalates, January 17, 2018

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香港九龍九龍灣啟興道2號太平洋貿易中心1樓

Toys and Children's Products 玩具及兒童產品

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Toys and components made of PVC, PU and coating 塗層和含聚氯乙炔, 聚氨酯的玩具材料和部件	Chemical tests (cont'd) :- Phthalates 鄰苯二甲酸酯: - Dibutyl Phthalate (DBP) 鄰苯二甲酸二丁酯 - Benzyl Butyl Phthalate (BBP) 鄰苯二甲酸丁苄酯 - Bis-(2ethylhexyl) phthalate (DEHP) 鄰苯二甲酸二(2-乙基)己酯 - Di-n-octyl phthalate (DNOP) 鄰苯二甲酸二正辛酯 - Di-iso-nonyl phthalate (DINP) 鄰苯二甲酸二異壬酯 - Di-iso-decyl phthalate (DIDP) 鄰苯二甲酸二異癸酯	GB 6675.1-2014 Cl. 5.3.7 <i>Test procedures for compliance testing:</i> GB/T 22048-2015 方法 A
Toys and children's products	- Dibutyl Phthalate (DBP) - Di-(2ethylhexyl) phthalate (DEHP) - Benzyl Butyl Phthalate (BBP) - Di-n-octyl phthalate (DnOP) - Diisononyl phthalate (DINP) - Diisodecyl phthalate (DIDP)	IS 9873 (Part 9): 2017 <i>Test Procedures for Compliance testing:</i> IS 9873 (Part 6): 2017 Method A
Toys and children's products	- Diisobutyl phthalate (DIBP) - Dibutyl Phthalate (DBP) - Di-(2ethylhexyl) phthalate (DEHP) - Benzyl Butyl Phthalate (BBP) - Di-n-octyl phthalate (DnOP) - Diisononyl phthalate (DINP) - Diisodecyl phthalate (DIDP)	ISO 8124-6: 2018 Method A

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香港九龍九龍灣啟興道2號太平洋貿易中心1樓

Toys and Children's Products 玩具及兒童產品

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All toys	Chemical tests (cont'd) :- - Migration of the elements 特定元素的遷移 antimony, chromium, selenium, arsenic, cadmium, mercury, barium, lead 銻, 鉻, 硒, 砷, 鎘, 汞, 鋇, 鉛	GB 6675.1-2014 Cl. 5.3.3 & 5.3.4 <i>Test procedures for compliance testing:</i> GB 6675.4-2014
All toys	- Migration of the elements antimony, chromium, selenium, arsenic, cadmium, mercury, barium, lead	AS/NZS ISO 8124-3: 2012 ISO 8124-3: 2020 (for dewaxing: Method A) IS 9873 (Part 3): 2017 IS 9873 (Part 3): 2020 (for dewaxing: Method A) BS 5665: Part 3: 1995
Toys	- Migration of certain elements:	BS EN 71-3:2019+A1:2021 EN 71-3:2019+A1:2021
Category I toy materials: Dry, brittle, powder like or pliable materials	Aluminium, Antimony, Arsenic, Barium, Boron, Cadmium, Cobalt, Copper, Chromium, Lead, Manganese, Mercury, Nickel, Selenium, Strontium, Tin and Zinc Chromium (VI) and Chromium (III) (by calculation)	Annex E (ICP-MS) Annex F (IC-ICP-MS)
Category III toy materials: Scraped-off materials	Organic Tin: Methyl tin, Dimethyl tin, Butyltin, Dibutyl tin, Tributyl tin, Tetrabutyltin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin Aluminium, Antimony, Arsenic, Barium, Boron, Cadmium, Cobalt, Copper, Chromium, Lead, Manganese, Mercury, Nickel, Selenium, Strontium, Tin and Zinc Chromium (for screening for Cr(VI)) Chromium (VI) and Chromium (III) (by calculation) Organic Tin: Methyl tin, Dimethyl tin, Butyltin, Dibutyl tin, Tributyl tin, Tetrabutyltin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin	Annex G (GC-MS) Annex E (ICP-MS) Alternative method as documented in SOP# CH-633C (ICP-MS) Annex F (IC-ICP-MS) Annex G (GC-MS)

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All toys and children's products - surface coating material	Chemical tests (cont'd) :- - Total lead content - Total mercury content	Canada Consumer Product Safety Act (S.C. 2010, c.21), Surface Coating Materials Regulations SOR/2016-193, as amended by Regulations Amending Certain Regulations Made Under the Canada Consumer Product Safety Act (Surface Coating Materials) SOR/2022-122, Sections 2 and Section 5 <i>Test procedures for compliance testing:</i> Health Canada Product Safety Reference manual Book 5 – Laboratory Policies and Procedures Part B: Test Methods Section, Method C-02.2.2: Determination of Total Lead in Surface Coating Materials in Consumer Products by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) (2020-01-23) <i>Test procedures for compliance testing:</i> In-house method: SOP# CH-543C Canada Consumer Product Safety Act (S.C. 2010, c.21), Consumer Products Containing Lead Regulations SOR/2018-83, Section 2
All toys and children's products - surface coating material	- Total lead content	<i>Test procedures for compliance testing:</i> Health Canada Product Safety Reference manual Book 5 – Laboratory Policies and Procedures Part B: Test Methods Section, Method C-02.2.2: Determination of Total Lead in Surface Coating Materials in Consumer Products by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) (2020-01-23)

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<p>All toys and children's products - surface coating material</p>	<p>Chemical tests (cont'd) :-</p> <p>- Total lead content</p> <p>- Total mercury content</p> <p>- Leachable arsenic, selenium, cadmium, antimony and barium</p>	<p>Canada Consumer Product Safety Act (S.C. 2010, c.21), Toy Regulations SOR/2011-17, as amended by Regulations Amending Certain Regulations Made Under the Canada Consumer Product Safety Act (Surface Coating Materials) SOR/2022-122, Section 23(b)</p> <p><i>Test procedures for compliance testing:</i> Health Canada Product Safety Reference manual Book 5 – Laboratory Policies and Procedures Part B: Test Methods Section, Method C-02.2.2: Determination of Total Lead in Surface Coating Materials in Consumer Products by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) (2020-01-23)</p> <p><i>Test procedures for compliance testing:</i> In-house method: SOP# CH-543C</p> <p><i>Test procedures for compliance testing:</i> ASTM F963-23 Cl. 8.3.2 – 8.3.4</p> <p>EN 71-3:2019+A1:2021</p> <p>ISO 8124-3:2020</p>

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All toys and children's products - polyvinyl chloride materials	Chemical tests (cont'd) :- - Total lead content	Canada Consumer Product Safety Act (S.C. 2010, c.21), Toy Regulations SOR/2011-17, Section 27 Paragraph 3 Canada Consumer Product Safety Act (S.C. 2010, c.21), Canada Consumer Products Containing Lead (Contact with Mouth) Regulations SOR/2010-273 <i>Test procedures for compliance testing:</i> Health Canada Product Safety Laboratory Book 5 – Laboratory Policies and Procedures Part B: Test Methods Section, Method C-02.3: Determination of total Lead in Polyvinyl Chloride Products by Closed Vessel Microwave Digestion (2013-06-24) (with modification)
All toys and children's products - metallic materials	- Total lead content	Canada Consumer Product Safety Act (S.C. 2010, c.21), Consumer Products Containing Lead Regulations SOR/2018-83, Section 2 <i>Test procedures for compliance testing:</i> CPSC Test Method: CPSC-CH-E1001-08.3 Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry), November 15, 2012 <Excluding the following > XRF spectrometry
Children's jewellery Children's jewellery - surface coating	- Total lead content	Canada Consumer Product Safety Act (S.C. 2010, c.21), Children's Jewellery Regulations SOR/2018-82, Section 2 <i>Test procedures for compliance testing:</i> Health Canada Product Safety Reference manual Book 5 – Laboratory Policies and Procedures Part B: Test Methods Section, Method C-02.2.2: Determination of Total Lead in Surface Coating Materials in Consumer Products by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) (2020-01-23)

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立德國際公証香港有限公司 - 九龍灣辦事處

1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong

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Children's jewellery	Chemical tests (cont'd) :-	Canada Consumer Product Safety Act (S.C. 2010, c.21), Children's Jewellery Regulations SOR/2016-168, Section 2
Children's jewellery - polyvinyl chloride materials	- Total lead content	<i>Test procedures for compliance testing:</i> Health Canada Product Safety Laboratory Book 5 – Laboratory Policies and Procedures Part B: Test Methods Section, Method C-02.3: Determination of total Lead in Polyvinyl Chloride Products by Closed Vessel Microwave Digestion (2013-06-24) (with modification)
Children's jewellery - metallic materials	- Total lead content	<i>Test procedures for compliance testing:</i> Health Canada Product Safety Laboratory Book 5 – Laboratory Policies and Procedures Part B: Test Methods Section, Method C-02.4: Determination of Total Lead in Metallic Consumer Products (2013-05-01)
All toys	- Cellulose nitrate	Canada Consumer Product Safety Act (S.C. 2010, c.21), Schedule 2, Items 2 Canada Consumer Product Safety Act (S.C. 2010, c.21), Toy Regulations SOR/2011-17, Section 21 <i>Test procedures for compliance testing:</i> Health Canada Product Safety Reference manual Book 5 – Laboratory Policies and Procedures Part B: Test Methods Section, Method C-17: Detection of cellulose nitrate in children's optical frame, toys and other consumer products (2003-01-20)

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1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong
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<p>All toys' materials</p> <p>Toys that are made of materials which are mainly composed of polyethylene, polyvinyl chloride (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>Chemical tests (cont'd) :-</p> <p>- Colouring matters</p> <p>- Consumption of potassium permanganate and 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 after evaporation</p> <p>- Heavy metals: 8 elements (antimony, arsenic, barium, cadmium, chromium, lead, mercury and selenium)</p> <p>- Free formaldehyde</p>	<p>Japan Toy Safety Standard ST2016 Third Edition (2019.12.3) Part 3</p> <p>Japan Toy Safety Standard ST2016 Fourth Edition (2022.10.4) Part 3</p> <p>Cl. 1.1 <i>Test Procedures for Compliance testing:</i> Cl. 2.1</p> <p>Cl. 1.2 <i>Test Procedures for Compliance testing:</i> Cl. 1.2.1 & Cl. 2.2 Cl. 1.2.1 & Cl. 2.3 Cl. 1.2.1 & Cl. 2.4 Cl. 1.2.1 & Cl. 2.5 Cl. 1.2.1 & Cl. 2.6</p> <p>Cl. 1.3 <i>Test Procedures for Compliance testing:</i> Cl. 1.3.1 & Cl. 2.4 Cl. 1.3.1 & Cl. 2.5</p> <p>Cl. 1.4 <i>Test Procedures for Compliance testing:</i> Cl. 1.4.1 & Cl. 2.2 Cl. 1.4.1 & Cl. 2.3</p> <p>Cl. 1.5 <i>Test Procedures for Compliance testing:</i> Cl. 1.5.1 & Cl. 2.7 (1) ①, (2) & (3)</p> <p>Cl. 1.6 <i>Test Procedures for Compliance testing:</i> Cl. 1.6 & Cl. 2.8 <Excluding the following> Confirmation test by HPLC</p>

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<p>Soap bubbles</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>Plasticized material in toys (polyvinyl chloride, polyurethane and rubber)</p> <p>Rubber pacifiers</p> <p>Metals used for toy (neither painted nor covered)</p>	<p>Chemical tests (cont'd) :-</p> <p>- Surface active agent equivalent content</p> <p>- Fluorescent brightener</p> <p>- Heavy metals</p> <p>- Volume of soap bubble solution</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,</p> <p>- Di-isonyl phthalate</p> <p>- Di-n-octyl phthalate</p> <p>- Di-iso-decyl phthalate</p> <p>- Butyl benzyl phthalate</p> <p>- Dibutyl phthalate</p> <p>- Materials test: - Cadmium and lead</p> <p>- Elution test: - Phenol, Formaldehyde, Zinc, Heavy metals and Residue on evaporation</p> <p>- Lead</p>	<p>Japan Toy Safety Standard ST2016 Third Edition (2019.12.3) Part 3 (cont'd)</p> <p>Japan Toy Safety Standard ST2016 Fourth Edition (2022.10.4) Part 3 (cont'd)</p> <p>Cl. 1.7 <i>Test Procedures for Compliance testing:</i> Cl. 1.7 & Cl. 2.9</p> <p>Cl. 1.8 <i>Test Procedures for Compliance testing:</i> Cl. 1.8.1 & Cl. 2.1 Cl. 1.8.2 & Cl. 2.7 (1) ②, (2) & (3)</p> <p>Cl. 1.9 <Excluding the following> Cl. 1.9.3 <i>Test Procedures for Compliance testing:</i> Cl. 2.10 <Excluding the following> Characterization & content determination tests by GC-FID</p> <p>Cl. 1.10 <i>Test Procedures for Compliance testing:</i> Cl. 2.11.1 Cl. 2.11.2</p> <p>Cl. 1.11 <i>Test Procedures for Compliance testing:</i> Cl. 2.12 & 2.7 (2) & (3)</p>

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立德國際公証香港有限公司 - 九龍灣辦事處

1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong

香港九龍九龍灣啟興道2號太平洋貿易中心1樓

Toys and Children's Products 玩具及兒童產品

ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY 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
<p>Decals</p> <p>Origami paper</p> <p>Rubber pacifier</p> <p>Coating film of toy</p> <p>Coating film coated by using Polyvinyl chloride</p> <p>Parts (excluding coating film) manufactured using materials mainly composed of polyvinyl chloride</p>	<p>Chemical tests (cont'd) :-</p> <p>- Heavy metals - Arsenic</p> <p>- Heavy metals - Arsenic</p> <p>- Materials testing: - Cadmium and lead - Eluting testing: - Phenol, Formaldehyde, Zinc, Heavy metals and Evaporation of residue</p> <p>- Cadmium, lead and arsenic</p> <p>- Potassium permanganate consumption - Evaporation of residue</p> <p>- Potassium permanganate consumption - Heavy metals - Cadmium - Evaporation of residue - Arsenic</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 procedures 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)</p> <p>Part III Section A Paragraph 1 <i>Test procedures for compliance testing:-</i> Part II Section B Paragraph 4, 7</p> <p>Part III Section A Paragraph 2 <i>Test procedures for compliance testing:-</i> Part II Section B Paragraph 4, 7</p> <p>Part III Section A Paragraph 3 <i>Test procedures for compliance testing:-</i> Part II Section D Paragraph 3, Sub-paragraph 2</p> <p>Part III Section A Paragraph 4 <i>Test procedures for compliance testing:-</i> Part II Section B Paragraph 9</p> <p>Part III Section A Paragraph 5 <i>Test procedures for compliance testing:-</i> Part II Section B Paragraph 1, 5</p> <p>Part III Section A Paragraph 6 <i>Test procedures for compliance testing:-</i> Part II Section B Paragraph 1, 4, 5, 7, 9</p>

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1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong

香港九龍九龍灣啟興道2號太平洋貿易中心1樓

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<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 toy</p>	<p>Chemical tests (cont'd) :-</p> <ul style="list-style-type: none"> - Potassium permanganate consumption - Heavy metals - Evaporation of residue - Arsenic - Lead - Colouring agent 	<p>Specifications and Standards for Foods, Food Additives, etc. under the Food Sanitation Act (ABSTRACTS) 2008, JETRO January 2009, Part V "TOYS" (cont'd)</p> <p><i>Test procedures 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 9 <i>Test procedures for compliance testing:-</i> Part II Section B Paragraph 1, 4, 5, 7</p> <p>Part III Section A Paragraph 10 <i>Test procedures for compliance testing:-</i> Part II Section B Paragraph 9</p> <p>Part III Section B</p>

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1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong

香港九龍九龍灣啟興道2號太平洋貿易中心1樓

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<p>Surface coating, fabric, leather, metal, paint, paper, wood and coloured materials</p> <p>Plastics</p> <p>Product (intended to come into direct contact with skin)</p>	<p>Chemical tests (cont'd) :-</p> <p>- Cadmium content</p> <p>- Cadmium content</p> <p>-Nickel release</p>	<p>Netherlands Law Gazette 1999 No. 149 (Chemical Substances Act)</p> <p>Regulation (EC) No 1907/2006 on REACH Annex XVII Item No 23 as amended by Commission Regulation (EC) No 835/2012 and Commission Regulation (EU) No 2016/217</p> <p>United Kingdom Environmental Protection (Controls on Injurious Substances) (No.2) Regulations 1993 No. 1643</p> <p>Swedish Ordinance SFS 1998: 944 for cadmium German Chemicals Prohibition Ordinance paragraph 18: Cadmium</p> <p>Switzerland Ordinance relating to Environmentally Hazardous Substances (Ordinance on Substances) of 9 June 1986 (updated Jan 1996) with Amd. of 11 Nov 1998, Annex 4.11 & 4.12</p> <p><i>Test method for compliance testing for Cadmium content in other materials except plastics:-</i></p> <p>In House Method SOP# CH-355C</p> <p><i>Test methods for compliance testing for Cadmium content in plastics:-</i></p> <p>BS EN 1122: 2001 method B (wet decomposition)</p> <p>EN 1122: 2001 method B (wet decomposition)</p> <p>Regulation (EC) No 1907/2006 on REACH Annex XVII Item No 27 as amended by Commission Regulation (EC) No 552/2009</p> <p><i>Test methods for compliance testing for Nickel content:-</i></p> <p>EN 1811: 2011+A1: 2015</p> <p>BS EN 1811: 2011+A1: 2015</p>

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1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣啟興道2號太平洋貿易中心1樓

Toys and Children's Products 玩具及兒童產品

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Product made from leather and textile	Chemical tests (cont'd) :- - Amine (Azo colourants) : 4-aminodiphenyl Benidine 4-chloro-o-toluidine 2-naphthylamine o-aminoazotoluene 5-nitro-o-toluidine 4-chloroaniline 4-methoxy-m-phenylenediamine 4,4'-diaminodiphenylmethane 3,3'-dichlorobenzidine 3,3'-dimethoxybenzidine 3,3'-dimethylbenzidine 4,4'-methylenedi-o- toluidine p-cresidine 4,4'-methylene-bis-(2-chloroaniline) 4,4'-oxydianiline 4,4'-thiodianiline o-toluidine 4-methyl-m-phenylenediamine 2,4,5-trimethylaniline 2-methoxyaniline 4-aminoazobenzene	Regulation (EC) No. 1907/2006 on REACH Annex XVII Item No 43 as amended by Commission Regulation (EC) No. 552/2009 and Commission Regulation (EU) No. 2020/2096 <i>Test methods for compliance testing for leather products:</i> EN ISO 17234-1: 2015 <i>Test method for compliance testing for textile products</i> EN ISO 14362-1: 2017 <i>Test methods for compliance testing for leather products:</i> EN ISO 17234-2: 2011 <i>Test methods for compliance testing for textile products:</i> EN ISO 14362-3: 2017 Techniques used are GC-MSD and HPLC-DAD for all test methods listed above.
Textile material of toy	- Free formaldehyde content	ISO 14184-1: 2011

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香港九龍九龍灣啟興道2號太平洋貿易中心1樓

Toys and Children's Products 玩具及兒童產品		
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Battery operated toy	Electrical tests :- 電性能測試 - Battery operated toys safety tests	ASTM F963-17 Cl. 4.25 < <i>Excluding the following</i> > Cl. 4.25.10 ASTM F963-23 Cl. 4.25 < <i>Excluding the following</i> > Cl. 4.25.9
Electrically operated toy or other electrically operated article intended for use by children	- Requirements for electrically operated toys or other electrically operated articles	16 CFR 1505 < <i>Excluding the following</i> > 1505.4, 1505.6 – Performance, part (f) – hydrokinetic (toys having pressure relief valves and/or steam engines)
Electric toy	- Compliance inspection and safety tests	BS EN IEC 62115: 2020 + A11: 2020 EN IEC 62115: 2020 + A11: 2020 < <i>Excluding the following</i> > for the above two standards Cl. 11 (IP tests to EN 60529), 13.8, 13.10, 18 (burning tests to IEC 60695-11-10 and ISO 9772, glow-wire ignition temperature test to IEC 60695-2-13), 19.2, Annex C, Annex D (D2.4, D.2.5, D.2.6, D.2.7, D.2.8), Annex E and Annex J IEC 62115: 2017 < <i>Excluding the following</i> > Cl. 11 (IP tests to EN 60529), 13.8, 13.10, 18 (burning tests to IEC 60695-11-10 and ISO 9772, glow-wire ignition temperature test to IEC 60695-2-13), 19.2, Annex C, Annex D (D2.4, D.2.5, D.2.6, D.2.7, D.2.8), Annex E and Annex J

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立德國際公証香港有限公司 - 九龍灣辦事處

1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong
香港九龍九龍灣啟興道2號太平洋貿易中心1樓

Toys and Children's Products 玩具及兒童產品

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Electric toy	Electrical tests :- - Compliance inspection and safety tests	IS 15644: 2006 + A1: 2014 <Excluding the following > Cl. 11.1 (IP tests to IEC 60529), 14.15, 19 (burning tests to IEC 60695-11-10 and ISO 9772, glow-wire ignition temperature test to IEC 60695-2-13), 20 (radiation tests for laser, radiation tests for LED with wavelength $\lambda < 400$ nm or $\lambda > 1000$ nm) and Annex C
Electric toy	Compliance inspection and safety tests	GB 6675.1-2014 Cl. 5.4 & 5.6.2, and GB 19865-2005 + Amendment 1 <Excluding the following > Cl. 11.1 (IP tests to GB 4208-1993), 19 (burning tests to GB/T 5169.16 and ISO 9772, glow-wire ignition temperature test to GB/T 5169.13), 20 (radiation tests for laser, radiation tests for LED with wavelength $\lambda < 400$ nm or $\lambda > 1000$ nm) and Annex C
電玩具	安全測試	GB 6675.1-2014 Cl. 5.4 & 5.6.2,及 GB 19865-2005 + 第 1 號修改單 <不包含> Cl. 11.1 (根據 GB 4208-1993 的耐水測試) 19 (按 GB/T 5169.16 及 ISO 9772 進行的耐燃試驗, 按 GB/T 5169.13 進行的灼熱絲起燃性試驗) 20 (激光器和發出電磁輻射波長少於 400 nm 或 大於 1000 nm 的發光二極管的輻射測試) 附錄 C

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立德國際公証香港有限公司 - 九龍灣辦事處

1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong

香港九龍九龍灣啟興道2號太平洋貿易中心1樓

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Toy	Flammability tests :- 易燃性能測試 - Safety requirements and test methods - Safety requirements and test methods - Safety requirements and test methods - Safety requirements and test methods - Safety requirements and test methods	16 CFR Part 1500.44 and 16 CFR Part 1610 ASTM F963-17 Cl. 4.2 ASTM F963-23 Cl. 4.2 BS EN 71-2: 2020 EN 71-2: 2020 < Excluding the following > for the above two standards viscosity test, tests for flammable gas, highly flammable liquid, extremely flammable liquid and flammable gel AS/NZS 8124.2: 2016 ISO 8124-2: 2014 IS 9873 (Part 2): 2017 < Excluding the following > for the above three standards viscosity test, tests for flammable gas, highly flammable liquid, extremely flammable liquid and flammable gel ISO 8124-2: 2023 < Excluding the following > viscosity test, tests for flammable gas, highly flammable liquid, extremely flammable liquid and flammable gel Japan Toy Safety Standard ST 2016 Fourth Edition (2022.10.14) Part 2 (based on English version provided by JTA in October 2022) < Excluding the following > viscosity test, tests for flammable gas, highly flammable liquid, extremely flammable liquid and flammable gel

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立德國際公証香港有限公司 - 九龍灣辦事處

1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong

香港九龍九龍灣啟興道2號太平洋貿易中心1樓

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Toy	Flammability tests :- 易燃性能測試 - Safety requirements and test methods	GB 6675.1-2014 Cl. 5.2.1 and GB 6675.3-2014 <Excluding the following > Viscosity test, tests for flammable gas, highly flammable liquid, flammable gel and highly flammable solid
玩具	- 安全規定及測試方法	GB 6675.1-2014 Cl. 5.2.1 及 GB 6675.3-2014 <不包含> 粘度測試、易燃氣體測試、 高度易燃液體測試、易燃凝膠體測試和 高度易燃固體測試
Dolls, plush toys and soft toy	- Safety requirements and test methods	Canada Toys Regulations SOR/2011-17 Section 32, 33 and 34

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1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong

香港九龍九龍灣啟興道2號太平洋貿易中心1樓

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<p>Process water used in the manufacturing and filling of toys</p> <p>Aqueous liquid</p>	<p>Microbiological tests :-</p> <p>- Heterotrophic plate count (35°C)</p> <p>- Total Coliform</p> <p>- Coliform count / E. coli count</p> <p>- Total coliform count</p> <p>- Fecal coliform count</p> <p>- E. coli count</p>	<p>ASTM F963-17 cl. 4.3.6.1</p> <p>ASTM F963-23 cl. 4.3.6.1</p> <p><i>Test methods for compliance testing:</i></p> <p>APHA 24e 9215A&B</p> <p>APHA 24e 9222B (membrane filtration method)</p> <p>US FDA Bacteriological Analytical Manual Online (BAM online), Ch. 4, October 2020 (3 tubes MPN Method followed by completed test for E. coli)</p> <p>US FDA Bacteriological Analytical Manual Online (BAM online), Ch. 4, October 2020 (10 tubes MPN Method followed by completed test for E. coli)</p> <p>DoE(1983) The Bacteriological Examination of Drinking Water Supplies, 1982 (Membrane Filtration Procedure: Sections 7.8, 7.9.4.1 and 7.9.4.2; Bacterial Confirmation: Section 7.9.4.3 and 7.9.4.4)</p> <p>APHA 24e 9222B (Membrane Filtration Method)</p> <p>The Microbiology of Drinking Water (2009) - Part 4A Method for the Examination of Water and Associated Materials, Environmental Agency, UK,</p> <p>< Excluding the following ></p> <p>Application of agar medium</p> <p>APHA 24e 9222B & G (Membrane Filtration Method)</p> <p>APHA 24e 9222B & H (Membrane Filtration Method)</p> <p>APHA 24e 9222B & I (Membrane Filtration Method)</p> <p>The Microbiology of Drinking Water (2009) - Part 4A Method for the Examination of Water and Associated Materials, Environmental Agency, UK,</p> <p>< Excluding the following ></p> <p>Application of agar medium</p>

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立德國際公証香港有限公司 - 九龍灣辦事處

1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong

香港九龍九龍灣啟興道2號太平洋貿易中心1樓

Toys and Children's Products 玩具及兒童產品		
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Toy cosmetics, liquids, pastes, putties, gels and powders < <i>Excluding the following</i> > - avian feather products	Microbiological tests :- Cleanliness of Materials	ASTM F963-17 Cl. 4.3.6.3 and 8.4.1
	Microbiological examination of non-sterile Products: - Microbial enumeration test - Test for specified microorganisms	<i>Test procedures for compliance testing:</i> USPNF 2022, Issue 3, Chapter < 61 > USPNF 2022, Issue 3, Chapter < 62 >
Toy cosmetics, liquids, pastes, putties, gels, and powders	Preservative Effectiveness Antimicrobial effectiveness testing	ASTM F963-17 Cl. 4.3.6.4 & 8.4.2 <i>Test procedures for compliance testing:</i> USPNF 2022, Issue 3, Chapter < 51 >
Toy cosmetics, liquids, pastes, putties, gels and powders < <i>Excluding the following</i> > - avian feather products	Cleanliness of Materials	ASTM F963-23 Cl. 4.3.6.3 and 8.4.1
	Microbiological examination of non-sterile Products: - Microbial enumeration test - Test for specified microorganisms	<i>Test procedures for compliance testing:</i> USPNF 2023, Issue 3, Chapter < 61 > USPNF 2023, Issue 3, Chapter < 62 >
Toy cosmetics, liquids, pastes, putties, gels, and powders	Preservative Effectiveness Antimicrobial effectiveness testing	ASTM F963-23 Cl. 4.3.6.4 & 8.4.2.2 & 8.4.2.3 <i>Test procedures for compliance testing:</i> USPNF 2023, Issue 3, Chapter < 51 >
Toy containing aqueous media		Co-ordination of the Notified Bodies NB-TOYS under the Safety of Toys Directive NB-TOYS/2021-053, FINAL EC-type approval protocol No. 2 Microbiological safety of toys containing aqueous media REV4 (January 2022)
	Microbiological examination of non-sterile products: - Microbial Enumeration Test	<i>Test methods for compliance testing:</i> European Pharmacopoeia 11 th edition (2023), Method 2.6.12
	- Test for specified microorganisms	European Pharmacopoeia 11 th edition (2023), Method 2.6.13
	- Efficacy of antimicrobial preservation	European Pharmacopoeia 11 th edition (2023), General texts 5.1.3

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1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong

香港九龍九龍灣啟興道2號太平洋貿易中心1樓

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Toy	Physical and mechanical tests :- - Safety requirements and test methods	ISO 8124-1: 2018 + Amd.1: 2020 + Amd.2: 2020 < Excluding the following > Cl. 4.8.2, 4.21, 4.22 and 4.23
Toy	- Safety requirements and test methods	AS/NZS ISO 8124.1: 2023 ISO 8124-1: 2022 < Excluding the following > for the above two standards Cl. 4.8.2, 4.21, 4.22 and 4.23
Toy	- Safety requirements and test methods	IS 9873 (Part 1): 2019 < Excluding the following > Cl. 4.8.2, 4.21, 4.22 and 4.23
Toy	- Safety Requirements and test methods	Japan Toy Safety Standard ST 2016 Fourth Edition (October 4, 2022) Part 1 (based on English version provided by JTA on December 3, 2019 and translation of revision notice on October 4, 2022) < Excluding the following > Cl. 4.15.4 and 4.19 (Inflatable vinyl toys intended to be used on the surface of water (Annex I))
Toy	- Safety requirements and test methods	BS EN 71-1: 2014 + A1: 2018 EN 71-1: 2014 + A1: 2018 < Excluding the following > for the above two standards Cl. 4.15.1.2 (Electrically or mechanically driven ride-on toys), 4.15.1.5, 4.15.1.8, 4.15.2, 4.18 (Test to EN 15649-3), 4.20 (Toys using headphones or earphones, voice toys) and 5.6

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1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong

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Toy 玩具	Physical and mechanical tests :- 機械和物理性能測試 - Safety requirements and test methods - 安全規定及測試方法	GB 6675.1-2014 Cl. 5.1.1 to 5.1.10, 5.7 and GB 6675.2-2014 + Amendment 1 <i><Excluding the following ></i> Cl. 4.20, 4.21 & 4.22
Toy scooter 玩具滑板車	Instructions for use of toys 玩具使用說明 - Safety requirements and test methods - 安全規定及測試方法	GB/T 5296.5-2006 GB/T 5296.5-2006 GB 6675.2-2014 and GB 6675.12-2014 GB 6675.2-2014 and GB 6675.12-2014

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立德國際公証香港有限公司 - 九龍灣辦事處

1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong

香港九龍九龍灣啟興道2號太平洋貿易中心1樓

Toys and Children's Products 玩具及兒童產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY 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
Toy	Physical and mechanical tests :- - Physical and mechanical tests - Safety requirements - Labeling requirements - Instructional literature - Producer's markings - Test methods - Physical and mechanical tests - Safety requirements - Labeling requirements - Instructional literature - Producer's markings - Test methods	ASTM F963-17 Cl. 4.1, 4.3.3.1, 4.3.7, 4.5 to 4.20, 4.20.2, 4.21 to 4.24, 4.26 to 4.28, 4.30 to 4.41 < Excluding the following > Cl. 4.1 (reprocessed materials test to 4.3.1) and 4.8.1 Section 5 Section 6 Section 7 Section 8 ASTM F963-23 Cl. 4.1, 4.3.3.1, 4.3.7, 4.5 to 4.20, 4.20.2, 4.21 to 4.24, 4.26 to 4.28, 4.30 to 4.41 < Excluding the following > Cl. 4.1 (reprocessed materials test to 4.3.1) and 4.8.1 Section 5 Section 6 Section 7 Section 8
Toy	- Safety requirements and test methods	Federal Hazardous Substances Act Regulations 16 CFR 1500.48 16 CFR 1500.49 16 CFR 1500.50 16 CFR 1500.51 16 CFR 1500.52 16 CFR 1500.53 16 CFR 1501 16 CFR 1510

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1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong

香港九龍九龍灣啟興道2號太平洋貿易中心1樓

Toys and Children's Products 玩具及兒童產品		
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Balls intended for use by children under 3 years of age	Physical and mechanical tests :- - Identification of mechanical hazard of small balls	16 CFR Part 1500.18(a)(17)
Dive Sticks	- Method for determining the angle of a dive stick from vertical when it comes to rest underwater - Method for determining the maximum vertical compressive force of a dive stick	16 CFR Part 1500.86(a)(7) 16 CFR Part 1500.86(a)(8)
Marbles, small balls, balloons and other small parts intended for use by children above 3 years of age	- Determination of misbranded toys	16 CFR Part 1500.19
Pacifiers	- Requirement for pacifiers	16 CFR Part 1511

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1/F., Pacific Trade Centre, 2 Kai Hing Road, Kowloon Bay, Kowloon, Hong Kong

香港九龍九龍灣啟興道2號太平洋貿易中心1樓

Toys and Children's Products 玩具及兒童產品		
ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY 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
Toy	Physical and mechanical tests :- - Safety requirements and test methods	Canada Toys Regulations SOR/2011-17 (last amended on 19 December 2022) Section 3, 4, 7 to 19, 28 to 31, 37, 40, 41, 43 and 44 < Excluding the following > 29(c) and 29(d) Health Canada Product Safety Reference Manual Book 5 – Laboratory Policies and Procedures Part B: Test Method Section Method M00.1 (2023-06-05) Method M00.2 (2023-06-05) Method M00.3 (2023-06-05) Method M00.4 (2020-05-06) Method M01.1 (2019-02-18) Method M03 (2022-03-16) Method M04 (2022-07-04) < Excluding the following > B.9A group including toy masks, hats and other head wearables (excluding over the ear and in the ear sound sources) Method M05 (2023-02-16) Method M18 (2021-02-04) (Note: The above test methods should be used in conjunction with the relevant sections of Canada Toys Regulations (SOR/2011-17))
Writing and marking instruments likely to be used by children up to the age of 14		
- Safety caps	- Assessment of the risk of asphyxiation	BS 7272-1: 2008
- End closures	- Assessment of the risk of asphyxiation	BS 7272-2: 2008 +A1: 2014

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立德國際公証香港有限公司 - 九龍灣辦事處

Room 2106-2107, 21/F, Westin Centre, 26 Hung To Road, Kwun Tong, Kowloon, Hong Kong.

香港九龍觀塘鴻圖道 26 號威登中心 21 樓 2106-2107 室

Electrical and Electronic Products 電氣及電子產品

ITEM TESTED OR MEASURED 測試或量度項目	SPECIFIC TEST OR PROPERTY 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
Battery toy	EMC tests :- Emission tests - Measurement of radiated disturbance (at Hong Kong Productivity Council EMC Centre) - 9 kHz to 1 GHz - Measurement of radiated disturbance (at Hong Kong Productivity Council EMC Centre) - 9 kHz to 6 GHz	CISPR 14-1: 2016 EN 55014-1: 2017 CISPR 14-1: 2020 EN IEC 55014-1: 2021
Multimedia plug-in module having a USB port only	- Measurement of radiated emission (at Hong Kong Productivity Council EMC Centre) - 30MHz to 6 GHz	CISPR 32: 2015 + A1: 2019 EN55032: 2015 <Excluding the following > for the above two standards Cl. A.3
Battery operated electrical and electronic apparatus intended for use in residential, commercial or light-industrial environment for which no dedicated product or product-family emission standard exists and without power supply, telecommunications and network port	- Measurement of radiated disturbance (at Hong Kong Productivity Council EMC Centre) - 30 MHz to 1 GHz - Measurement of radiated disturbance (at Hong Kong Productivity Council EMC Centre) - 30 MHz to 6 GHz	EN 61000-6-3: 2007 +A1: 2011 AS/NZS 61000.6.3: 2007 AS/NZS 61000.6.3: 2012 BS EN IEC 61000-6-3: 2021 AS/NZS 61000.6.3: 2021

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立德國際公証香港有限公司 - 九龍灣辦事處

Room 2106-2107, 21/F, Westin Centre, 26 Hung To Road, Kwun Tong, Kowloon, Hong Kong.

香港九龍觀塘鴻圖道 26 號威登中心 21 樓 2106-2107 室

Electrical and Electronic Products 電氣及電子產品

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Battery toy	EMC tests:- (cont'd) Immunity tests - Electrostatic discharge - Radio frequency electromagnetic field	CISPR 14-2: 2015 CISPR 14-2: 2020 EN 55014-2: 2015 BS EN IEC 55014-2: 2021
Battery operated lighting equipment and luminaire without power supply, signal and control port	- Electrostatic discharge - Radio frequency electromagnetic field	EN 61547: 2009 <Excluding the following > Cl. 6.3.4 (luminaire for emergency lighting)
Battery operated electrical and electronic apparatus intended for use in residential, commercial or light-industrial environment for which no dedicated product or product-family immunity standard exists and without power supply and signal port	- Electrostatic discharge - Radio frequency electromagnetic field	EN 61000-6-1: 2007 IEC 61000-6-1: 2005 EN IEC 61000-6-1: 2019
Electrical and electronic equipment	- Electrostatic discharge - 8/15 kV air discharge - 4/8 kV contact discharge	EN 61000-4-2: 2009 IEC 61000-4-2: 2008
Electrical and electronic equipment	- Radiated, radio frequency electromagnetic fields - 80 MHz to 1GHz, 3 V/m - 80 MHz to 1GHz, 10 V/m - 1 GHz to 6 GHz, 3 V/m	EN 61000-4-3: 2006 + A2: 2010 EN IEC 61000-4-3: 2020 IEC 61000-4-3: 2006 + A1: 2007 + A2: 2010 IEC 61000-4-3: 2020



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Summary of Voluntary Suspension

.vs. denotes test for which accreditation has been voluntarily suspended with effect from 9 April 2024 (Notification Letter No. HOKLAS058-235).