

CMA Industrial Development Foundation Limited

香港中華廠商聯合會工業發展基金有限公司

ADDRESS : Rm. 1302, Yan Hing Centre, 9-13 Wong Chuk Yeung Street, Fo Tan, Shatin,
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ACCREDITED TEST CATEGORY : Testing Required by the China Compulsory Certification System (CCC)
認可測試類別 中國強制性產品認證制度規定的檢測
Chemical Testing 化學測試
Chinese Medicine 中藥
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
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

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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>Toys and children's products 兒童用品</p> <p>- Toys (2202) - 玩具 (2202)</p> <p>- Plastic toy < <i>Excluding the following</i> > - toy containing gas or liquid - imitation weapon toy - cosmetic toy - toy with direct food contact - toys with folding mechanisms - toy chest and similar toy - pull and push toy and hand-actuated spring-propelled toy - large and bulky toy</p> <p>- 塑膠玩具 < <i>不包括</i> > - 含氣體或液體玩具 - 仿真武器玩具 - 玩具化妝品 - 與食品直接接觸的玩具 - 帶有折疊機構的玩具 - 玩具箱及類似的玩具 - 推拉玩具和手動彈簧驅動玩具 - 大型玩具</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 GB 6675.3-2014 GB 6675.4-2014</p> <p>GB 6675.1-2014 GB 6675.2-2014 GB 6675.3-2014 GB 6675.4-2014</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>- Metal toy < <i>Excluding the following</i> > - toy containing gas or liquid - imitation weapon toy - cosmetic toy - toy with direct food contact - toys with folding mechanisms - toy chest and similar toy - pull and push toy and hand-actuated spring-propelled toy - large and bulky toy</p> <p>- 金屬玩具 < <i>不包括</i> > - 含氣體或液體玩具 - 仿真武器玩具 - 玩具化妝品 - 與食品直接接觸的玩具 - 帶有折疊機構的玩具 - 玩具箱及類似的玩具 - 推拉玩具和手動彈簧驅動玩具 - 大型玩具</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 GB 6675.3-2014 GB 6675.4-2014</p> <p>GB 6675.1-2014 GB 6675.2-2014 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
Plastics	Chemical tests:- - Cadmium content	Regulation (EC) No. 1907/2006 on REACH Annex XVII Item No 23 as amended by Commission Regulation (EC) No. 552/2009 UK The Environmental Protection (Control on Injurious Substances) (No. 2) Regulations SI 1643:1993 <i>Test methods for testing of cadmium content:-</i> BS EN 1122: 2001 (Method B – Wet decomposition)
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)	- Release of nickel	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 testing of release of Nickel content:-</i> BS EN 12472: 2020 in conjunction with BS EN 1811: 2011 + A1: 2015 EN 12472: 2020 in conjunction with EN 1811: 2011 + A1: 2015

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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
Textile products	<p>Amine (Azo colourants) :</p> <ol style="list-style-type: none"> 1) 4-aminodiphenyl 2) benzidine 3) 4-chloro-o-toluidine 4) 2-naphthylamine 5) o-aminoazotoluene 6) 5-nitro-o-toluidine 7) 4-chloroaniline 8) 4-methoxy-m-phenylenediamine 9) 4,4'-diaminodiphenylmethane 10) 3,3'-dichlorobenzidine 11) 3,3'-dimethoxybenzidine 12) 3,3'-dimethylbenzidine 13) 4,4'-methylene-di-o-toluidine 14) p-cresidine 15) 4,4'-methylene-bis-(2-chloro-aniline) 16) 4,4'-oxydianiline 17) 4,4'-thiodianiline 18) o-toluidine 19) 4-methyl-m-phenylenediamine 20) 2,4,5-trimethylaniline 21) 2-methoxyaniline 22) p-aminoazobenzene 	<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 <i>Test procedures for compliance testing:</i> EN ISO 14362-1:2017 EN ISO 14362-3:2017</p> <p>Techniques used are GC-MSD for detection and LC-MS/MS for confirmation for all test methods listed above.</p>

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Chemical Testing 化學測試		
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Textile products	<p>Amine (Azo colourants) :</p> <ol style="list-style-type: none"> 1) 4-aminodiphenyl 2) benzidine 3) 4-chloro-o-toluidine 4) 2-naphthylamine 5) o-aminoazotoluene 6) 5-nitro-o-toluidine 7) 4-chloroaniline 8) 4-methoxy-m-phenylenediamine 9) 4,4'-diaminodiphenylmethane 10) 3,3'-dichlorobenzidine 11) 3,3'-dimethoxybenzidine 12) 3,3'-dimethylbenzidine 13) 4,4'-methylene-di-o-toluidine 14) p-cresidine 15) 4,4'-methylene-bis-(2-chloro-aniline) 16) 4,4'-oxydianiline 17) 4,4'-thiodianiline 18) o-toluidine 19) 4-methyl-m-phenylenediamine 20) 2,4,5-trimethylaniline 21) 2-methoxyaniline 22) p-aminoazobenzene 	<p>ISO 14362-1:2017 ISO 14362-3:2017 BS EN ISO 14362-1:2017 BS EN ISO 14362-3:2017</p> <p>Techniques used are GC-MSD for detection, LC-MS/MS for confirmation for all test methods listed above.</p>

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Chemical Testing 化學測試		
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Ferric Chloride Solution	Assay of ferric chloride	GB 4482-2006 Section 5.1
	亞鐵(Fe^{2+})含量	GB/T 4482-2018 (6.3)
	不溶物含量	GB/T 4482-2018 (6.4)
	游離酸含量	GB/T 4482-2018 (6.5)
	鋅含量	GB/T 4482-2018 (6.7)
	汞含量	GB/T 4482-2018 (6.10.2)
	鎘含量	GB/T 4482-2018 (6.11)
	Lead	In-house method TG-ENV-WW-107 (by AAS)
	Chromium	In-house method TG-ENV-WW-117 (by AAS)
	Arsenic, Copper and Nickel	In-house method TG-ENV-WW-119 (by ICP-OES)
Sodium Hypochlorite Solution	Specific Gravity	In-house method TG-ENV-WW-110 (by Glass Pycnometer)
	Available chlorine	GB 19106-2003 Cl. 5.1
	游離鹼(以NaOH計)	GB 19106-2003 (5.2)
	鐵	GB 19106-2003 (5.3)
	重金屬(以Pb計)	GB 19106-2013 (5.6)
	Arsenic	In-house method TG-ENV-WW-120 (by ICP-OES)
	pH	In-house method TG-ENV-WW-111 (by pH meter)

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	Chemical tests:-	
Sodium Chlorite Solution	Assay of Sodium Chlorite	HG/T 3250-2010 Cl. 5.4
Sodium Bisulphite Solution	Assay of Sodium Bisulphite	HG/T 3814-2006 Cl. 4.3
Sodium Hydroxide Solution	Determination of Sodium Hydroxide	GB/T 4348.1-2000 < Excluding determination of sodium carbonate >

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Chinese Medicine 中藥		
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
Proprietary Chinese Medicines and Chinese Herbal Medicines	Toxic elements :- Arsenic, Cadmium, Lead, Mercury, Copper	In-house Method TG-FP-119 (ICP-MS)
Proprietary Chinese Medicines and Chinese Herbal Medicines <Excluding the following> Ointments, Liniments made of extract of crude drugs in oils	Pesticides residues:- - Organochlorine pesticides: Aldrin, Dieldrin, Endrin, cis-Chlordane, trans-Chlordane, Oxychlordane, Heptachlor, Heptachlor epoxide, Hexachlorocyclohexane isomers (alpha-, beta- and delta-BHC) , Lindane, Hexachlorobenzene, Methyl pentachlorophenyl sulphide, Pentachloroaniline, Quintozene (pentachloronitrobenzene), 2,4'-DDT, 4,4'-DDT, 4,4'-DDE and 4,4'-DDD.	In-house Method TC-FP-120 (GC-ECD & GC-MS)

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Chinese Medicine 中藥		
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
Proprietary Chinese Medicines	<p>Microbiological examinations:-</p> <p>- Microbial Limit Test: Aerobic bacteria count Mold and Yeast count <i>E. coli</i> <i>Salmonella</i> species <i>Pseudomonas aeruginosa</i> <i>Staphylococcus aureus</i></p> <p>- 微生物限度檢查法 Microbial Limit Test 細菌數 Aerobic Bacteria Count 霉菌與酵母菌數 Mold and Yeast Count 大腸埃希菌 <i>E. coli</i> 大腸菌群 Coliform 沙門菌 <i>Salmonella</i> species 銅綠假單胞菌 <i>Pseudomonas aeruginosa</i> 金黃色葡萄球菌 <i>Staphylococcus aureus</i> 梭菌 <i>Clostridium</i></p> <p>- 微生物限度檢查法 Microbial Limit Test 細菌數 Aerobic bacteria count 霉菌與酵母菌數 Mold and Yeast count 大腸埃希菌 <i>E. coli</i> 大腸菌群 Coliform 沙門菌 <i>Salmonella</i> species 銅綠假單胞菌 <i>Pseudomonas aeruginosa</i> 金黃色葡萄球菌 <i>Staphylococcus aureus</i> 梭菌 <i>Clostridium</i> 白色念珠菌 <i>Candida albicans</i></p>	<p>Pharmacopoeia of the People's Republic of China 2000, Volume I, App. XIIC (English Edition)</p> <p>中華人民共和國藥典 2005 年版一部附錄 XIIC Pharmacopoeia of the People's Republic of China 2005, Volume I, App. XIIC</p> <p>中華人民共和國藥典 2010 年版一部附錄 XIIC Pharmacopoeia of the People's Republic of China 2010, Volume I, App. XIIC</p>

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Chinese Medicine 中藥		
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Proprietary Chinese Medicines (Nonsterile products)	- Microbial Enumeration Tests and Tests for Specified Microorganisms 微生物計數法及控制菌檢查法 需氧菌總數 Total Aerobic Microbial Count 霉菌和酵母菌總數 Total Combined Yeast and Mold Count 耐膽鹽革蘭陰性菌 Bile-tolerant Gram negative bacteria detection 大腸埃希菌 <i>E. coli</i> 沙門菌 <i>Salmonella</i> species 銅綠假單胞菌 <i>Pseudomonas aeruginosa</i> 金黃色葡萄球菌 <i>Staphylococcus aureus</i> 梭菌 <i>Clostridium</i> 白色念珠菌 <i>Candida albicans</i>	中華人民共和國藥典 2015 年版四部 1105 & 1106 段, 非無菌產品微生物限度檢查: 微生物計數法及控制菌檢查法 Pharmacopoeia of the People's Republic of China 2015, Volume IV, Parts 1105 & 1106
	- Microbial Enumeration Tests and Tests for Specified Microorganisms 微生物計數法及控制菌檢查法 需氧菌總數 Total Aerobic Microbial Count 霉菌和酵母菌總數 Total Combined Yeast and Mold Count 耐膽鹽革蘭陰性菌 Bile-tolerant Gram negative bacteria detection 大腸埃希菌 <i>E. coli</i> 沙門菌 <i>Salmonella</i> species 銅綠假單胞菌 <i>Pseudomonas aeruginosa</i> 金黃色葡萄球菌 <i>Staphylococcus aureus</i> 梭菌 <i>Clostridium</i> 白色念珠菌 <i>Candida albicans</i>	中華人民共和國藥典 2020 年版四部 1105 & 1106 段, 非無菌產品微生物限度檢查: 微生物計數法及控制菌檢查法 Pharmacopoeia of the People's Republic of China 2020, Volume IV, Parts 1105 & 1106

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Chinese Medicine 中藥		
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Chinese Materia Medica 中藥材	<p>Chemical and physicochemical tests:-</p> <ul style="list-style-type: none"> - Determination of water content 水分含量 (by oven dried method 烘乾法) - Determination of heavy metals: Arsenic, Cadmium, Lead, Mercury 重金屬檢定方法：砷、鎘、鉛、汞 - Determination of Mycotoxins (Aflatoxins) Aflatoxins B₁, B₂, G₁, G₂ 霉菌毒素(黃曲霉毒素)測定方法 黃曲霉毒素 B₁, B₂, G₁, G₂ 	<p>Hong Kong Chinese Materia Medica Standards, Volume 4-7, App. X(2) 香港中藥材標準第四至七冊，附錄 X(2)</p> <p>Hong Kong Chinese Materia Medica Standards, Volume 1-7, App. V 香港中藥材標準第一至七冊，附錄 V</p> <p>Hong Kong Chinese Materia Medica Standards, Volume 1-7, App. VII 香港中藥材標準第一至七冊，附錄 VII</p>

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Electrical and Electronic Products 電氣及電子產品		
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Unintentional radiators	EMC tests :- Emission tests	
	- Measurement of radiated emission - 9 kHz to 40 GHz - Measurement of conducted emission - 150 kHz to 30 MHz	47 CFR Part 15 Subpart A and B using test method specified in ANSI C63.4-2014
Intentional radiators	- Measurement of radiated emission - 9 kHz to 40 GHz - Measurement of conducted emission - 150 kHz to 30 MHz	47 CFR Part 15 Subpart A and C using test methods specified in ANSI C63.10-2020
	- Measurement of radiated emission - 9 kHz to 40 GHz - Measurement of conducted emission - 150 kHz to 30 MHz	47 CFR Part 15 Subpart A and C using test methods specified in ANSI C63.10-2013
Unlicensed National Information Infrastructure (UNII) without Dynamic Frequency Selection (DFS) Intentional Radiators	- Measurement of radiated emission - 9 kHz to 40 GHz - Measurement of conducted emission - 150 kHz to 30 MHz	47 CFR Part 15 Subpart A and E using test methods specified in ANSI C63.10-2020
	- Measurement of radiated emission - 9 kHz to 40 GHz - Measurement of conducted emission - 150 kHz to 30 MHz	47 CFR Part 15 Subpart A and E using test methods specified in ANSI C63.10-2013

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Electrical and Electronic Products 電氣及電子產品		
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Licence-exempt radio apparatus: category I equipment	EMC tests :- Emission tests - Measurement of radiated emission - 9 kHz to 40 GHz - Measurement of conducted emission - 150 kHz to 30 MHz - Measurement of conducted emission at antenna terminal - 9 kHz to 40 GHz	RSS-210 Issue 10, December 2019 + Amendment (April 2020) in conjunction with RSS-Gen Issue 5, April 2018 + Amendment 1 (March 2019) + Amendment 2 (February 2021) using test methods specified in ANSI C63.10: 2020
	- Measurement of radiated emission - 9 kHz to 40 GHz - Measurement of conducted emission - 150 kHz to 30 MHz - Measurement of conducted emission at antenna terminal - 9 kHz to 40 GHz	RSS-210 Issue 9, August 2016 + Amendment (November 2017) in conjunction with RSS-Gen Issue 5, April 2018 + Amendment 1 (March 2019) using test methods specified in ANSI C63.10: 2013
Digital Transmission System (DTSs), Frequency Hopping System (FHSS) and Licence-Exempt Local Area Network (LE-LAN) Devices without Dynamic Frequency Selection (DFS)	- Measurement of radiated emission - 9 kHz to 40 GHz - Measurement of conducted emission - 150 kHz to 30 MHz - Measurement of conducted emission at antenna terminal - 9 kHz to 40 GHz	RSS-247 Issue 2, February 2017 in conjunction with RSS-Gen Issue 5, April 2018 + Amendment 1 (March 2019) using test methods specified in ANSI C63.10: 2013 <i>< Excluding the following ></i> Section 6

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Rm. 1302, Yan Hing Centre, 9-13 Wong Chuk Yeung Street, Fo Tan, Shatin, New Territories, Hong Kong

香港新界沙田火炭黃竹洋街 9-13 號仁興中心 1302 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
<p>Sound broadcast receivers and associated equipment <i><Excluding the following></i></p> <ul style="list-style-type: none"> - PC tuner cards - outdoor units - broadcast receivers for digital signals 	<p>EMC tests :-</p> <p>Emission tests</p> <ul style="list-style-type: none"> - Measurement of terminal disturbance voltages - 0.15 MHz to 30 MHz - Measurement of disturbance power - 30 MHz to 300 MHz - Measurement of radiated disturbances - 30 MHz to 1 GHz 	<p>AS/NZS CISPR 13: 2012 CISPR 13: 2009 EN 55013: 2013</p>
<p>Household appliances, electric tools and similar apparatus, electric and electronic toys <i><Excluding the following></i></p> <ul style="list-style-type: none"> - washing machines - dish-washing machines - tumble dryers - centrifugal dryers - lifting devices - automatic goods-dispensing machines - entertainment machines - three-phase equipment 	<ul style="list-style-type: none"> - Measurement of terminal disturbance Voltages - 0.15 MHz to 30 MHz - Measurement of disturbance power - 30 MHz to 300 MHz - Measurement of radiated disturbances - 30 MHz to 1 GHz 	<p>AS/NZS CISPR 14.1: 2010 CISPR 14-1: 2005 EN 55014-1: 2006 + A1: 2009 + A2: 2011 EN 55014-1: 2017 + A11: 2020 EN IEC 55014-1:2021</p>
<p>Lighting equipment and luminaires <i><Excluding the following></i></p> <ul style="list-style-type: none"> - fluorescent lamps - semi-luminaires - self ballasted lamps - UV fluorescent lamp appliances - transport lighting - cold cathode tubular discharge lamp - self-contained emergency lighting luminaires - replaceable starters for fluorescent lamps 	<ul style="list-style-type: none"> - Measurement of conducted disturbance voltages at mains terminals, load terminals and control terminals - 9 kHz to 30 MHz - Measurement of radiated electromagnetic disturbances - 9 kHz to 300 MHz 	<p>AS/NZS CISPR 15: 2011 CISPR 15: 2018 CISPR 15: 2013 EN IEC 55015: 2019 + A11: 2020 EN 55015: 2013</p>

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<p>Information technology equipment < <i>Excluding the following</i> ></p> <ul style="list-style-type: none"> - test volume diameter of equipment > 1.5 m - telecommunications terminal equipment 	<p>EMC tests :-</p> <p>Emission tests</p> <ul style="list-style-type: none"> - Measurement of terminal disturbance Voltages - 150 kHz to 30 MHz - Measurement of radiated disturbances - 30 MHz to 6 GHz 	<p>AS/NZS CISPR 22: 2009 CISPR 22: 2008 EN 55022: 2010 < <i>Excluding the following</i> > for the above there standards Cl. 9.6, 10.8 and 10.9</p>
<p>Multimedia equipment < <i>Excluding the following</i> ></p> <ul style="list-style-type: none"> - test volume diameter of equipment > 1.5 m - equipment with analogue or digital data port - outdoor unit of home satellite receiving system - rack-mounted equipment - TV broadcast receiver - telecommunications terminal equipment 	<ul style="list-style-type: none"> - Conducted emission - 150 kHz to 30 MHz - Radiated disturbances - 30 MHz to 6 GHz 	<p>AS/NZS CISPR 32: 2015 CISPR 32: 2015 EN 55032: 2015 + Corr. 2016 < <i>Excluding the following</i> > for the above there standards Tables A.7, A.11.2, A.11.3, A.12.2, A.12.3 and A13; Annexes H and I</p>

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<p>Electrical and electronic equipment having an input current up to 16 A per phase and connected to 220 V, 230 V or 240 V supply system operating at 50 Hz or 60 Hz</p> <p>< <i>Excluding the following</i> ></p> <ul style="list-style-type: none"> - three phase equipment - washing machines - refrigerators and freezers - air conditioners 	<p>EMC tests :-</p> <p>Emission tests</p> <ul style="list-style-type: none"> - Harmonic currents 	<p>EN 61000-3-2: 2014 IEC 61000-3-2: 2014 EN IEC 61000-3-2: 2019 + A1: 2021 IEC 61000-3-2: 2018 + A1: 2020</p>
<p>Electrical and electronic equipment having an input current up to 16 A per phase and connected to a supply system of line to neutral voltage between 220 V and 250 V at 50 Hz</p> <p>< <i>Excluding the following</i> ></p> <ul style="list-style-type: none"> - three-phase equipment - washing machines - refrigerators and freezers - air conditioners 	<ul style="list-style-type: none"> - Voltage fluctuations and flicker at the supply terminals of the equipment (direct measurement using flickermeter) 	<p>EN 61000-3-3: 2013 IEC 61000-3-3: 2013 + A1: 2017 + A2: 2021 EN 61000-3-3: 2013 + A1: 2019 + A2: 2021</p>
<p>Electrical and electronic apparatus intended for use in residential, commercial and light-industrial environment for which no dedicated product or product-family emission standard exists</p> <p>< <i>Excluding the following</i> ></p> <ul style="list-style-type: none"> - measurement of telecommunications / network point 	<ul style="list-style-type: none"> - Measurement of radiated disturbances - 30 MHz to 1 GHz - Measurement of terminal disturbance voltage - 0.15 MHz to 30 MHz 	<p>EN 61000-6-3: 2007 + A1: 2011 AS/NZS 61000.6.3: 2007 IEC 61000-6-3: 2006 + A1: 2010</p>

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Electrical and electronic equipment	- Electrostatic discharge	EN 61000-4-2: 2009 IEC 61000-4-2: 2008 < <i>Excluding the following</i> > for the above two standards Annex B
Electrical and electronic equipment < <i>Excluding the following</i> > - three-phase equipment - equipment with interconnection or communication line	- Electrical fast transient/burst - 4 kV 5/50 ns - Surge - 4 kV 1.2/50 µs and 8/20 µs	EN 61000-4-4: 2012 IEC 61000-4-4: 2012 EN 61000-4-5: 2014 IEC 61000-4-5: 2014
Electrical and electronic equipment < <i>Excluding the following</i> > - three-phase equipment - equipment with interconnection or communication line	- Conducted disturbance induced by radio frequency fields - 150 kHz to 80 MHz, 3 V (max) - Voltage dips, short interruptions and voltage variations	EN 61000-4-6: 2014 IEC 61000-4-6: 2013 < <i>Excluding the following</i> > for the above two standards Cl. 6.2.3 EN 61000-4-11: 2004 IEC 61000-4-11: 2004

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<p>Household and similar electrical appliances</p> <p>- Single phase electrical appliance</p> <p>< <i>Excluding the following</i> ></p> <p>- appliance for use in tropical climate</p>	<p>Safety tests :-</p> <p>- Compliance inspection and safety tests</p>	<p>BS EN 60335-1: 2012 + A13: 2017 EN 60335-1: 2012 + A13: 2017</p> <p>< <i>Excluding the following</i> > for the above two standards Cl. 8.1.4 (discharge measurement), 15.1, 19.11.3, 19.11.4 22.1 (tests for IP5X, IP6X), 22.7, 22.32 (oxygen bomb test), 22.46, 32 (EMF measurement); Annex J (Note: The above standards should be used in conjunction with the product test standards as detailed in relevant Part 2 of BS EN 60335 or EN 60335)</p> <p>IEC 60335-1: 2010 + A1: 2013 + A2: 2016 < <i>Excluding the following</i> > Cl. 8.1.4 (discharge measurement), 15.1, 19.11.3, 19.11.4 22.1 (tests for IP5X, IP6X), 22.7, 22.32 (oxygen bomb test), 22.46, 22.57; Annex J (Note: The above standards should be used in conjunction with the product test standards as detailed in relevant Part 2 of IEC 60335.)</p>

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Household and similar electrical appliances (cont'd) - Warming plate and similar appliance	Safety tests :- - Compliance inspection and safety tests	BS EN 60335-2-12: 2003 + A1: 2008 EN 60335-2-12: 2003 + A1: 2008 < <i>Excluding the following</i> > for the above two standards Clauses 8.1.4 (discharge measurement), 15.1, 19.11.3, 19.11.4 22.1 (tests for IP5X, IP6X), 22.7, 22.32 (oxygen bomb test), 22.46, 32 (EMF measurement); Annex J IEC 60335-2-12: 2002 + A1: 2008 + A2: 2017 < <i>Excluding the following</i> > Clauses 8.1.4 (discharge measurement), 15.1, 19.11.3, 19.11.4 22.1 (tests for IP5X, IP6X), 22.7, 22.32 (oxygen bomb test), 22.46, 22.57; Annex J

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Indoor Air Quality Testing	Extractable components collected in passive samplers:- - Formaldehyde - Nitrogen dioxide Extractable components collected in active samplers:- - Formaldehyde Microbiological tests:-	In-house method TG-ENV-WW-48 (HPLC-DAD) In-house method TG-ENV-WW-47 (FIA) In-house method TG-ENV-WW-104 (HPLC-PDA)
Collectate sampled by 1. two-stage Andersen sampler, 2. single-stage N6 Andersen sampler 3. single-stage Oxoid sampler 4. Quick Take 30 Bio Stage pump kit	Airborne bacteria count (number of colonies and corrected number of colonies on agar plate) (35°C for 2 days) or (30°C for 2 days)	In-house method TG-FP-MB-033
Collectate sampled by Reuter Centrifugal Sampler (RCS)	Airborne bacteria count (number of colonies on agar strip) (35°C for 2 days) or (30°C for 2 days)	In-house method TG-FP-MB-033
Collectate sample on agar plate	Airborne bacteria count (number of colonies on agar plate) (35°C for 2 days) or (30°C for 2 days)	In-house method TG-FP-MB-033
Collectate sample on agar strip	Airborne bacteria count (number of colonies on agar strip) (35°C for 2 days) or (30°C for 2 days)	In-house method TG-FP-MB-033

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Water and Wastewater	Physical Examination:-	
	- Colour	APHA 23e 2120B
	- Hardness	APHA 23e 2340 C
	- pH	APHA 23e 4500-H ⁺ B
	- Total Suspended Solids dried at 103-105°C	APHA 23e 2540 D
	- Total Solids dried at 103-105°C	APHA 23e 2540 B
	- Total Volatile Solids ignited at 550°C	APHA 23e 2540 E
	- Turbidity	APHA 23e 2130 B
	- Conductivity	APHA 23e 2510 B
	Non-metallic constituents:-	
	- Chloride	APHA 23e 4500-Cl ⁻ B
	- Chlorine (Free Residual)	APHA 23e 4500-Cl G
	- Chlorine (Total Residual)	APHA 23e 4500-Cl B APHA 23e 4500-Cl G
	- Dissolved oxygen	APHA 23 e 4500-O G
	- Phosphorus (Total)	ASTM D515-88 APHA 23e 4500-P B.5 & H
	- Phosphorus (Dissolved & Reactive)	APHA 23e 4500-P B.1 & E APHA 23e 4500-P B.1 & G

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Water and Wastewater (cont'd)	Non-metallic constituents:- (cont'd)	
	- Nitrogen (Ammonia)	APHA 23e 4500-NH ₃ H (FIA)
	- Nitrogen (Nitrite)	APHA 23e 4500-NO ₃ ⁻ I (FIA)
	- Nitrogen (Nitrate)	APHA 23e 4500-NO ₃ ⁻ I (Calculation)
	- Total oxidised nitrogen	APHA 23e 4500-NO ₃ ⁻ I (FIA)
	- Nitrogen (Total Kjeldahl)	APHA 23e 4500-N _{org} D (FIA)
	- Nitrogen (Total) (Total Kjeldahl + Nitrate + Nitrite)	In-house method TG-ENV-WW-44 (by calculation) in conjunction with APHA 23e 4500-N _{org} D (FIA) and APHA 23e 4500-NO ₃ ⁻ I (FIA)
	- Nitrogen (Organic) (Total Kjeldahl – Ammonia)	In-house method TG-ENV-WW-45 (by calculation) in conjunction with APHA 23e 4500-N _{org} D (FIA) and APHA 23e 4500-NH ₃ H (FIA)
	- Nitrogen (Nitrate + Nitrite + Ammonia)	In-house method TG-ENV-WW-46 (by calculation) in conjunction with APHA 23e 4500-NH ₃ H (FIA) and APHA 23e 4500- NO ₃ ⁻ I (FIA)
	- Sulphate	APHA 23e 4500-SO ₄ ²⁻ E
	- Total Sulphide	APHA 23e 4500S ²⁻ D
	- Dissolved Sulphide (Soluble Sulphide)	APHA 23e 4500S ²⁻ B, D
	Organic Pollutants:-	
	- Oil & Grease	APHA 23e 5520 B
	- Chemical Oxygen Demand	APHA 23e 5220 B (Open reflux) APHA 23e 5220 D (Closed reflux)
	- Biochemical Oxygen Demand (5-day)	BS 6068: Section 2.63: 1998 BS EN 1899-1: 1998 APHA 23e 5210 B

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Water and Wastewater (cont'd)	Trace Metals (recoverable):- - Antimony, Barium, Cobalt, Molybdenum, Tin - Aluminium, Arsenic, Cadmium, Chromium, Copper, Lead, Manganese, Mercury, Nickel, Zinc, Iron, Magnesium - Antimony, Arsenic, Barium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Molybdenum, Nickel, Tin, Zinc - Hexavalent chromium Cr(VI) - Trivalent chromium Cr(III)	In-house method TG-ENV-WW-76 (by ICP-OES) In-house method TG-ENV-WW-76 (by ICP-MS) In-house method TG-ENV-WW-143 (by ICP-MS) In-house method TG-ENV-WW-145 (by Colorimetric method) In-house method TG-ENV-WW-146 (by calculation)
Water	Trace Metals (total recoverable):- - Lead, Cadmium, Chromium, Nickel, Aluminium, Antimony, Arsenic, Copper, Iron, Manganese, Mercury & Zinc	In-house method TG-ENV-WW-69 (by ICP-MS)

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Water and Wastewater (cont'd)	Organic Pollutants:-	
	- Polycyclic Aromatic Hydrocarbons Naphthalene, Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoroanthene, Pyrene, Chrysene, Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3- cd)pyrene, Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene	In house method TG-ENV-WW-148 (by GC-MS)
	- Semivolatile Organic Compounds Hexachlorobenzene	In house method TG-ENV-WW-148 (by GC-MS)
	- Organochlorine Pesticides: Hexachlorobenzene, Hexachlorocyclopentadiene, Hexachloethane, 1,2,4-trichlorobenzene, alpha-BHC, beta-BHC, gamma-BHC, Bis(2-chloroethoxy)-methane	In-house Method TG-ENV-WW-86 (by GC-MSD)
	- Phenols 2-Chlorophenol, 2,4-Dichlorophenol, p-Chloro-m-cresol, 2,4,6- Trichlorophenol	In-house method TG-ENV-WW-80 (by GC-MSD)
	Pentachlorophenol	In house method TG-ENV-WW-84 (by GC-MSD)
	- Haloacetic acids Bromoacetic acid, Chloroacetic acid, Dibromoacetic acid, Dichloroacetic acid, Trichloroacetic acid	In-house method TG-ENV-WW-79 (by GC-ECD)

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Water and Wastewater (cont'd)	Organic Pollutants:- (cont'd)	
	- Polychlorinated biphenyl congeners 2,4'-Dichlorobiphenyl (8) 2,2',5 - Trichlorobiphenyl (18) 2,4,4' - Trichlorobiphenyl (28) 2,2',3,5' - Tetrachlorobiphenyl (44) 2,2',5,5' - Tetrachlorobiphenyl (52) 2,3',4,4' - Tetrachlorobiphenyl (66) 3,3',4,4' - Tetrachlorobiphenyl (77) 2,2',4,5,5' - Pentachlorobiphenyl (101) 2,3,3',4,4' - Pentachlorobiphenyl (105) 2,3',4,4',5 - Pentachlorobiphenyl (118) 3,3',4,4',5 - Pentachlorobiphenyl (126) 2,2',3,3',4,4' - Hexachlorobiphenyl (128) 2,2',3,4,4',5' - Hexachlorobiphenyl (138) 2,2',4,4',5,5' - Hexachlorobiphenyl (153) 3,3',4,4',5,5' - Hexachlorobiphenyl (169) 2,2',3,3',4,4',5 - Heptachlorobiphenyl (170) 2,2',3,4,4',5,5' - Heptachlorobiphenyl (180) 2,2',3,4',5,5',6 - Heptachlorobiphenyl (187)	In house method TG-ENV-WW-098 (by GC-MS)
	Total PCBs (according to Environmental Transport and Work Bureau (ETWB) Technical Circular (Works) No. 34/2002)	In house method TG-ENV-WW-160 (by calculation)

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Water and Wastewater (cont'd)	Organic Pollutants:- (cont'd)	
	- Total petroleum hydrocarbons: C6 - C8	In house method TG-ENV-WW-82 (by Headspace GC-MSD)
	C9 - C16 C17 - C35	In house method TG-ENV-WW-83 (by GC-FID)
	C6 - C8 C9 - C16 C17 - C35	In house method TG-ENV-WW-150 (by Purge and Trap GC-MS) In house method TG-ENV-WW-154 (by GC-FID)
	Volatiles Organic Compounds	
	- Chloroform, Bromodichloromethane, Benzene, Ethylbenzene, Methyl tert butyl ether, Styrene, Toluene, Xylenes (sum of m, o, p-), Tetrachloroethylene, Trichloroethylene, Chlorobenzene, 1,4-Dichlorobenzene, Dibromochloromethane, Acetone, Methylene chloride and 2-Butanone	In-house method TG-ENV-WW-78 (by Headspace GC-MSD)
	- Acetone, Methylene chloride, Methyl tert-butyl ether, 2-Butanone, Chloroform, Benzene, Trichloroethylene, Bromodichloromethane, Toluene, Tetrachloroethylene, Ethylbenzene, m- & p-Xylene, o-Xylene, Styrene	In-house method TG-ENV-WW-155 (by Purge and Trap GC-MS)
	- Xylenes (Total)	In house method TG-ENV-WW-161 (by calculation)

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Seawater	Physical examination:- - Turbidity	APHA 23e 2130 B
Saline water	- Total Suspended Solids dried at 103-105°C	APHA 23e 2540D
Saline water	Non-metallic Constituents:- - Dissolved oxygen	APHA 23 e 4500-O G

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Sewage sludge	Physical examination:-	
	- Total Solids dried at 103°C-105°C	APHA 23e 2540 G
	- Total Volatile Solids ignited at 550°C	APHA 23e 2540 G
Soil	Non-metallic Constituents:-	
	- Cyanide - Free	In house Method TG-ENV-WW-156 (by Colorimetric method)
	Trace Metals (recoverable):-	
	- Antimony, Arsenic, Barium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Molybdenum, Nickel, Tin, Zinc	In house method TG-ENV-WW-143 (by ICP-MS)
	- Hexavalent chromium Cr(VI)	In-house method TG-ENV-WW-145 (by Colorimetric method)
	- Trivalent chromium Cr(III)	In-house method TG-ENV-WW-146 (by calculation)

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Soil (cont'd)	Organic Pollutants:- - Polychlorinated biphenyl congeners 2,4'-Dichlorobiphenyl (8) 2,2',5 - Trichlorobiphenyl (18) 2,4,4' - Trichlorobiphenyl (28) 2,2',3,5' - Tetrachlorobiphenyl (44) 2,2',5,5' - Tetrachlorobiphenyl (52) 2,3',4,4'-Tetrachlorobiphenyl (66) 3,3',4,4'-Tetrachlorobiphenyl (77) 2,2',4,5,5' - Pentachlorobiphenyl (101) 2,3,3',4,4' - Pentachlorobiphenyl (105) 2,3',4,4',5 - Pentachlorobiphenyl (118) 3,3',4,4',5 - Pentachlorobiphenyl (126) 2,2',3,3',4,4' - Hexachlorobiphenyl (128) 2,2',3,4,4',5' - Hexachlorobiphenyl (138) 2,2',4,4',5,5' - Hexachlorobiphenyl (153) 3,3',4,4',5,5' - Hexachlorobiphenyl (169) 2,2',3,3',4,4',5 - Heptachlorobiphenyl (170) 2,2',3,4,4',5,5' - Heptachlorobiphenyl (180) 2,2',3,4',5,5',6 - Heptachlorobiphenyl (187)	In house method TG-ENV-WW-098 (by GC-MS)
	Total PCBs (according to Environmental Transport and Work Bureau (ETWB) Technical Circular (Works) No. 34/2002)	In house method TG-ENV-WW-160 (by calculation)

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Soil (cont'd)	<p>Organic Pollutants:- (cont'd)</p> <p>- Total petroleum hydrocarbons: C6 - C8</p> <p>C9 - C16 C17 - C35</p> <p>Volatiles Organic Compounds - Acetone, Methylene chloride, Methyl tert-butyl ether, 2-Butanone, Chloroform, Benzene, Trichloroethylene, Bromodichloromethane, Toluene, Tetrachloroethylene, Ethylbenzene, m- & p-Xylene, o-Xylene, Styrene</p> <p>- Chloroform, Benzene, Trichloroethylene, Bromodichloromethane, Tetrachloroethylene</p> <p>- Xylenes (Total)</p>	<p>In house method TG-ENV-WW-150 (by Purge and Trap GC-MS)</p> <p>In house method TG-ENV-WW-154 (by GC-FID)</p> <p>In-house method TG-ENV-WW-155 (by Purge and Trap GC-MS)</p> <p>In-house method TG-ENV-WW-155 (by Closed System Purge and Trap GC-MS)</p> <p>In house method TG-ENV-WW-161 (by calculation)</p>

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Soil and Sediment	Trace Metals (total recoverable):- - Aluminium, Antimony, Arsenic, Barium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Magnesium, Mercury, Molybdenum, Nickel, Tin, Zinc	In house method TG-ENV-WW-77 (by ICP-MS)
	Organic Pollutants:- - Polycyclic Aromatic Hydrocarbons Naphthalene, Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoroanthene, Pyrene, Chrysene, Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3- cd)pyrene, Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene	In house method TG-ENV-WW-142 (by GC-MS)
	- Semivolatile Organic Compounds Hexachlorobenzene Phenol Bis(2-Ethylhexyl)phthalate	In house method TG-ENV-WW-142 (by GC-MS)
	- Tributyl tin	In-house method TG-ENV-WW-102 (by LC-MS/MS)
	- Tributyl tin oxide (screening)	In-house method TG-ENV-WW-122 (by calculation)

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Water and Wastewater	Microbiological tests:-	
	- Heterotrophic plate count (35 °C)	APHA 23e 9215 B (Pour Plate Method)
	- Colony count by pour-plate method	DoE(1983) The Bacteriological Examination of Drinking Water Supplies, 1982 Section 7.12.3 (Pour Plate Method)
	- 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
	- Faecal Coliform count	DoE(1983) The Bacteriological Examination of Drinking Water Supplies, 1982 Membrane Filtration Procedure: Sections 7.8 and 7.9.4.2 Bacterial Confirmation: Section 7.7.6.3
Marine water	- <i>E. coli</i> count	DoE (1983) The Bacteriological Examination of Drinking Water Supplies, 1982 Membrane Filtration Procedure: Sections 7.8, & 7.9.4.2 Bacterial Confirmation: in situ urease test
		DoE (1983) The Bacteriological Examination of Drinking Water Supplies, 1982 Membrane Filtration Procedure: Sections 7.8 & 7.9.4.2 Bacterial Confirmation: Section 7.9.4.4
	- Enumeration of <i>E. coli</i>	Environmental Microbiology Laboratory Test Method Manual TM09/EC/10/098 Issue 3, Environmental Protection Department, HK

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Water, Wastewater and Cooling tower water	Microbiological tests:- <i>Legionellae</i> count including <i>Legionella pneumophila</i> count	AS/NZS 3896: 2008 AS 3896: 2017 <Excluding the following> Sampling and transport in Cl. 7
Drinking Water, Treated Bathing Water, Water for human use and consumption	<i>Legionellae</i> count including <i>Legionella pneumophila</i> count	ISO 11731-2:2004 BS EN ISO 11731-2:2008 BS 6068-4.18:2004
Potable water and Process water	<i>Legionellae</i> count	ISO 11731: 2017 <Excluding the following> Cl. 8.4.2, Sampling and transport in Cl. 7

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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 (ceramicware)	<p>Toxicological tests :-</p> <p>- Leachable lead and cadmium</p>	<p>ISO 6486-2: 1999</p> <p><i>Test procedure for compliance testing:-</i></p> <p>ISO 6486-1: 1999</p> <p>US FDA Compliance Policy Guides 7117.06 (1995)& 7117.07 (1995)</p> <p><i>Test procedures for compliance testing:-</i></p> <p>AOAC Official Methods 973.32 (2005)</p> <p>AOAC Official Methods 973.82 (2005)</p> <p>ASTM C738-94 (Reapproved 2016)</p> <p>84/500/EEC Annex I, II with Amd. 2005/31/EC</p> <p>UK The Ceramic Ware (Safety) Regulation 1988, S.I. 1647:-</p> <p><i>Test procedure for compliance testing:-</i></p> <p>BS 6748: 1986 + A1: 2011</p> <p>EN 1388 Part 1: 1995</p> <p>DIN EN 1388 Part 1: 1995</p> <p>BS EN 1388 Part 1: 1996</p>
Food containers (glassware, glass ceramic ware & vitreous enamel ware)		<p>EN 1388 Part 2: 1995</p> <p>DIN EN 1388 Part 2: 1995</p> <p>BS EN 1388 Part 2: 1996</p> <p>BS 6748: 1986 + A1: 2011</p>
Plastic products intended to come into direct contact with food	<p>- Overall migration in aqueous solvent</p> <p>10% ethanol, simulant A</p> <p>3% acetic acid, simulant B</p> <p>20% ethanol, simulant C</p> <p>50% ethanol, simulant D1</p>	<p>Commission Regulation (EU) no. 10/2011, Article 12, paragraph 4 of Article 18, Annex III, and Chapter 3 (<i>excluding</i> paragraph 3.4, OM5 & OM6 of paragraph 3.1) of Annex V</p> <p><i>Test procedures for compliance testing:-</i></p> <p>EN 1186-3: 2002, Method A (immersion method)</p> <p>EN 1186-5: 2002 (cell method) (with modification)</p> <p>EN 1186-9: 2002 (article filling method)</p>

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	Toxicological tests :- (cont'd)	Japan Food Sanitation Law, Ministry of Health and Welfare Notification No. 370, 28 Nov 1959, Notification No. 201, 31 Mar 2006 and Notice No. 41611 Aug 2008, Part III – Implements, Containers and Packaging <i>Test procedures for compliance testing:-</i> Specification, Standards and Testing Methods for Foodstuffs, Implements, Containers and Packaging, Toys, Detergents 2008 - Part II (English version published by JETRO, January 2009)
Food containers (synthetic resins, PVC, PE, PS, PVDC, PET and PP)	- Lead, cadmium - Heavy metals as lead	Section D2 (1) item a Section B4, B10 & D2 (1) b (i)
Food containers (synthetic resins, PVC, PE, PS, PVDC, PET and PP) <Excluding the following> Phenol resin, melamine resin and urea resin	- Consumption of potassium permanganate	Section B1, B10 & D2 (1) b (ii)
Food containers (PVDC)	- Barium	Section D2 (2) item f
Food containers: - Synthetic resins PVC PE & PP PS PVDC PET	- Evaporation residues	Section B5, B10 & D2 (2) a (i) <3> & D2 (2) b (i)<2> Section B5, B10 & D2 (2) c (i)<3> Section B5, B10 & D2 (2) d (i) Section B5, B10 & D2 (2) e (ii) Section B5, B10 & D2 (2) f (ii) Section B5, B10 & D2 (2) g (i) <3>

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	Chemical analysis:-	
Milk	Fat content	AOAC Official Methods 989.05 (2005)
Milk powder	Fat content	AOAC Official Methods 932.06 (2005) Cl. A(b) & Cl. B
	Preservatives:-	
General foodstuff	- Sulphur dioxide	In-house method TG-FP-112 (By lead acetate paper, titrimetric and gravimetric methods)
General foodstuff	- Boric acid	In-house method TG-FP-125 (by ICP-OES)
Meat and dairy product	- Nitrite and nitrate	In-house method TG-FP-127 (by FIA)
General foodstuff	- Benzoic acid - Sorbic acid - Salicylic acid - Methyl para-hydroxybenzoate - Ethyl para-hydroxybenzoate, - Propyl para-hydroxybenzoate	In-house method TG-FP-188 (by LC-DAD)
Bread and flour confectionary	- Propionic acid	In-house method TG-FP-189 (by GC-FID)

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Meat, Seafood, Milk & Honey	Chemical analysis:- (cont'd) Veterinary Drug Residues:- - Chloramphenicol	In house method TG-FP-121 (By LC-MS-MS)
General foodstuff	Metals:- - Arsenic, Cadmium, Lead, Mercury, Tin, Antimony, Chromium, Copper, Cobalt	In-house method TG-FP-129 (By ICP-MS)
Aquatic products, Fish, fish feed, rice, shellfish and seaweed	- Inorganic Arsenic	In House method TG-FP-234 (by LC-ICPMS)
Fish	- Methyl Mercury	In House method TG-FP-237 (by LC-ICPMS)

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Soy and soy derived food stuff (except liquid, oil)	Qualitative screening of transgenic traits using partial sequence of :- - Cauliflower mosaic virus promoter (CaMV35S) - Terminator of nopaline synthase gene from <i>Agrobacterium tumefaciens</i> (NOS) - The junction between the 35S promoter and the chloroplast transit peptide (CTP) sequence derived from the <i>Petunia hybrida</i> 5-enolpyruvylshikimate 3-phosphate synthase (EPSPS) gene (Roundup Ready)	ISO 21571: 2005 (Nucleic acid extraction) ISO 21569: 2005 and JRC Compendium of Reference Methods for GMO Analysis (QL-ELE-00-006) (Polymerase chain reaction with gel image analysis)
	Qualitative screening of transgenic traits using partial sequence of :- - Terminator of nopaline synthase gene from <i>Agrobacterium tumefaciens</i> (NOS) - Soy lectin gene, <i>le</i> 1 - Cauliflower mosaic virus promoter (CaMV35S) - The junction between the 35S promoter and the chloroplast transit peptide (CTP) sequence derived from the <i>Petunia hybrida</i> 5-enolpyruvylshikimate 3-phosphate synthase (EPSPS) gene (Roundup Ready)	ISO 21571: 2005 (Nucleic acid extraction) ISO 21569: 2005/Amd. 1: 2013 (Real-time polymerase chain reaction) ISO 21570: 2005 (Real-time polymerase chain reaction)

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Food 食品		
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Maize and maize derived food stuff (except liquid, oil)	Qualitative screening of transgenic traits using partial sequence of :- - Cauliflower mosaic virus promoter (CaMV35S) - Terminator of nopaline synthase gene from <i>Agrobacterium tumefaciens</i> (NOS) - CryIA(b) gene from <i>Bacillus thuringiensis</i> (Bt 176)	ISO 21571: 2005 (Nucleic acid extraction) ISO 21569: 2005 and JRC Compendium of Reference Methods for GMO Analysis (QL-ELE-00-006) (Polymerase chain reaction with gel image analysis)
	Qualitative screening of transgenic traits using partial sequence of :- - Terminator of nopaline synthase gene from <i>Agrobacterium tumefaciens</i> (NOS) - Maize starch synthase IIb gene: <i>zSSIb</i> - Cauliflower mosaic virus promoter (CaMV35S) - CryIA(b) gene from <i>Bacillus thuringiensis</i> (Bt 176)	ISO 21571: 2005 (Nucleic acid extraction) ISO 21569: 2005/Amd. 1: 2013 (Real-time polymerase chain reaction) ISO 21570: 2005 (Real-time polymerase chain reaction)
Papaya	Qualitative screening of transgenic papaya line 55-1 and 63-1 using partial sequence of :- - Cauliflower mosaic virus promoter (CaMV35S) - Terminator of nopaline synthase gene from <i>Agrobacterium tumefaciens</i> (NOS) - Papaya ring spot virus coat protein (PRSV-CP) gene	ISO 21571: 2005 (Nucleic acid extraction) ISO 21569: 2005 ISO 21569: 2005/Amd. 1: 2013 and JRC Compendium of Reference Methods for GMO Analysis (QL-ELE-00-006) (Polymerase chain reaction with gel image analysis)
	Qualitative screening of transgenic papaya line 55-1 and 63-1 using partial sequence of :- - Cauliflower mosaic virus promoter (CaMV35S) - Terminator of nopaline synthase gene from <i>Agrobacterium tumefaciens</i> (NOS) - The junction between chimeric cucumber Mosaic (CMV) coat protein /Papaya ring spot virus coat protein (PRSV-CP) gene	ISO 21571: 2005 (Nucleic acid extraction) ISO 21570: 2005 (Real-time polymerase chain reaction) ISO 21569: 2005/Amd. 1: 2013 (Real-time polymerase chain reaction)

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General foodstuff	Microbiological tests:-	
	- Aerobic plate count	US FDA Bacteriological Analytical Manual (BAM) Online (Jan. 2001) Ch. 3 (Conventional Plate Count Method)
	- Coliform count	AOAC Official Methods 991.14 (2005)
	- <i>E. coli</i> count	AOAC Official Methods 991.14 (2005)
	- <i>Salmonella</i>	US FDA Bacteriological Analytical Manual (BAM) Online (Feb 2014) Ch. 5
Water	- <i>Staphylococcus aureus</i>	US FDA Bacteriological Analytical Manual (BAM) Online (Jan. 2001) Ch. 12 (Direct Plate Count Method)
	- Heterotrophic plate count (35 °C)	APHA 23e 9215B (Pour Plate Method)
	- 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
	- Faecal Coliform count	DoE(1983) The Bacteriological Examination of Drinking Water Supplies, 1982 Membrane Filtration Procedure: Sections 7.8 and 7.9.4.2 Bacterial Confirmation: Section 7.7.6.3
	- <i>E. coli</i> count	DoE (1983) The Bacteriological Examination of Drinking Water Supplies, 1982 Membrane Filtration Procedure: Sections 7.8 and 7.9.4.2 Bacterial Confirmation: Section 7.9.4.4

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Miscellaneous 雜類		
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
Cosmetics	<p>Microbiological examinations:-</p> <p>Tests for microbial contamination:</p> <p>- Total Viable Aerobic Count</p> <p>- Tests for Specified Microorganisms</p>	<p>The SCCS's Notes of Guidance for the Testing of Cosmetics Ingredients and Their Safety Evaluation (8th Revision, December 2012) - Guidelines on Microbiological Quality of the Finished Cosmetic Product, 4-4.2</p> <p><i>Test Procedures for compliance testing:</i></p> <p>- The United States Pharmacopeia 43-NF38 (2020), General Ch. <61></p> <p>- British Pharmacopoeia (2021), App. XVI B-2</p> <p>- European Pharmacopoeia 10th edition (2019), Ch. 2.6.12</p> <p>- The United States Pharmacopeia 43-NF38 (2020), General Chapter <62></p> <p>- British Pharmacopoeia (2021), App. XVI B-1</p> <p>- European Pharmacopoeia 10th edition (2019), Ch. 2.6.13</p>
Disposable Sanitary Products	<p>- 細菌菌落總數 Total Bacteria Count</p> <p>- 大腸菌群 Coliform</p> <p>- 綠膿桿菌 <i>Pseudomonas Aeruginosa</i></p> <p>- 金黃色葡萄球菌 <i>Staphylococcus aureus</i></p> <p>- 溶血性鏈球菌 <i>Haemolyticus streptococcus</i></p> <p>- 真菌菌落總數 Fungi Count</p>	<p>GB 15979-2002 中華人民共和國國家標準：一次性使用衛生用品衛生標準 (附錄 B 產品微生物檢測方法)</p> <p>GB 15979-2002 Hygienic standard for disposable sanitary products (Appendix B)</p>
Toilet tissue	<p>- 細菌菌落總數 Total Bacteria Count</p> <p>- 大腸菌群 Coliform</p> <p>- 金黃色葡萄球菌 <i>Staphylococcus aureus</i></p> <p>- 溶血性鏈球菌 <i>Haemolyticus streptococcus</i></p>	<p>GB 20810-2018 中華人民共和國國家標準：衛生紙 (含衛生紙原紙) (附錄 C 微生物指標的測定)</p> <p>GB 20810-2018</p> <p>Toilet tissue paper (including toilet tissue base paper) (Appendix C)</p>
Hand Towel	<p>- 細菌菌落總數 Total Bacteria Count</p> <p>- 大腸菌群 Coliform</p> <p>- 金黃色葡萄球菌 <i>Staphylococcus aureus</i></p> <p>- 溶血性鏈球菌 <i>Haemolyticus streptococcus</i></p>	<p>GB/T 24455-2009 中華人民共和國國家標準：擦手紙 (附錄 A 微生物指標的測定)</p> <p>GB/T 24455-2009</p> <p>Hand Towel (Appendix A)</p>

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Pharmaceutical Products 藥物		
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
Non-sterile pharmaceutical preparations and substances for pharmaceutical use	Microbiological examinations:- Microbiological quality: - Microbial enumeration tests - Test for specified microorganisms Bile-tolerant Gram-negative Bacteria <i>Clostridia</i> <i>Escherichia coli</i> <i>Pseudomonas aeruginosa</i> <i>Salmonella</i> spp. <i>Staphylococcus aureus</i> <i>Candida albicans</i>	European Pharmacopoeia 10 th edition (2019) Ch. 5.1.4 <i>Test Procedure for compliance testing:</i> European Pharmacopoeia 10 th edition (2019) Ch. 2.6.12 European Pharmacopoeia 10 th edition (2019) Ch. 2.6.13
Non-sterile pharmaceutical preparations and substances for pharmaceutical use	Microbiological quality: - Microbial enumeration tests - Test for specified microorganisms Bile-tolerant Gram-negative Bacteria <i>Clostridia</i> <i>Escherichia coli</i> <i>Pseudomonas aeruginosa</i> <i>Salmonella</i> spp. <i>Staphylococcus aureus</i> <i>Candida albicans</i>	British Pharmacopoeia (2021), App. XVI D <i>Test Procedure for compliance testing:</i> British Pharmacopoeia (2021), App. XVI B-2 British Pharmacopoeia (2021), App. XVI B-1
Nonsterile pharmaceutical preparations and substances for pharmaceutical use	Microbiological acceptance criteria - Microbial Enumeration Tests - Tests for Specified Microorganisms Bile-tolerant Gram-negative Bacteria <i>Clostridia</i> <i>Escherichia coli</i> <i>Pseudomonas aeruginosa</i> <i>Salmonella</i> spp. <i>Staphylococcus aureus</i> <i>Candida albicans</i>	The United States Pharmacopoeia 43-NF38 (2020), General Ch. <1111> <i>Test Procedure for compliance testing:</i> The United States Pharmacopoeia 43-NF38 (2020), General Ch. <61> The United States Pharmacopoeia 43-NF38 (2020), General Ch. <62>

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Pharmaceutical Products 藥物		
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
非無菌藥品	Microbiological examination :	
	非無菌產品微生物限度檢查: Microbiological Examination of Nonsterile products :- - 控制菌檢查法 - Test for specified microorganisms 耐膽鹽革蘭陰性菌 Bile-tolerant Gram negative bacteria 梭菌 <i>Clostridium</i> 大腸埃希菌 <i>Escherichia coli</i> 銅綠假單胞菌 <i>Pseudomonas aeruginosa</i> 沙門菌 <i>Salmonella</i> spp. 金黃色葡萄球菌 <i>Staphylococcus aureus</i> 白色念珠菌 <i>Candida albicans</i> - 微生物計數法 - Microbial enumeration tests	中華人民共和國藥典 2015 年版四部 1107 段: 非無菌藥品微生物限度標準 <不包括> 點 1 & 點 2 Pharmacopoeia of the People's Republic of China 2015, Volume IV, Part 1107 <Excluding the following> cl. 1 & 2 Test Procedure for compliance testing: 中華人民共和國藥典 2015 年版四部 1106 段 Pharmacopoeia of the People's Republic of China 2015, Volume IV, Part 1106
	非無菌產品微生物限度檢查: Microbiological Examination of Nonsterile products :- - 控制菌檢查法 - Test for specified microorganisms 耐膽鹽革蘭陰性菌 Bile-tolerant Gram negative bacteria 梭菌 <i>Clostridium</i> 大腸埃希菌 <i>Escherichia coli</i> 銅綠假單胞菌 <i>Pseudomonas aeruginosa</i> 沙門菌 <i>Salmonella</i> spp. 金黃色葡萄球菌 <i>Staphylococcus aureus</i> 白色念珠菌 <i>Candida albicans</i> - 微生物計數法 - Microbial enumeration tests	中華人民共和國藥典 2015 年版四部 1105 段 Pharmacopoeia of the People's Republic of China 2015, Volume IV, Part 1105 中華人民共和國藥典 2020 年版四部 1107 段: 非無菌藥品微生物限度標準 <不包括> 點 1 & 點 2 Pharmacopoeia of the People's Republic of China 2020, Volume IV, Part 1107 <Excluding the following> cl. 1 & 2 Test Procedure for compliance testing: 中華人民共和國藥典 2020 年版四部 1106 段 Pharmacopoeia of the People's Republic of China 2020, Volume IV, Part 1106
		中華人民共和國藥典 2020 年版四部 1105 段 Pharmacopoeia of the People's Republic of China 2020, Volume IV, Part 1105

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Pharmaceutical Products 藥物		
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
Purified water	Microbiological examination : Total aerobic microbial count	British Pharmacopoeia (2021), Volume II, Purified Water British Pharmacopoeia (2023), Volume II, Purified Water
純化水 Purified water	需氧菌總數 Total aerobic microbial count	中華人民共和國藥典 2020 年版二部純化水 Pharmacopoeia of the People's Republic of China 2020, Volume II, Purified Water

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Physical and Mechanical Testing 物理及機械測試		
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
<p>Glass and glass product</p> <p>- Glass container with base dimension not exceeding 137 mm and height up to 550 mm</p> <p>- Glass container in contact with foodstuffs with height up to 500 mm</p> <p>Other product</p> <p>- Fluid and gas lighter</p> <p>- Writing and marking instruments likely to be used by children up to age of 14</p> <p>- 書寫用具</p>	<p>Performance tests :-</p> <p>- Optical retardation</p> <p>- Thermal shock</p> <p>Safety and performance tests</p> <p>Safety tests for safety caps 筆帽安全測試</p> <p>Safety tests for end closures</p>	<p>ASTM C148-17</p> <p>< <i>Excluding the following</i> ></p> <p>Cl. 5; Determination of apparent temper number 6 and 7 using a polariscope</p> <p>BS EN 1183: 1997 Method B (for thermal shock endurance up to 160°C)</p> <p>BS EN ISO 9994: 2006 + A1: 2008 EN ISO 9994: 2006 + A1: 2008 ISO 9994: 2005/Amd 1: 2008</p> <p>BS EN ISO 9994: 2019 EN ISO 9994: 2019 ISO 9994: 2018</p> <p>< <i>Excluding the following</i> ></p> <p>for the above three standards 6.7.4.10; 6.10.4.3, 6.10.4.4</p> <p>BS 7272-1: 2008</p> <p>BS 7272-2: 2008 + A1: 2014</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
Specific product - Children's clothing	Construction tests :- - Measurement of cord and drawn string	BS EN 14682: 2014

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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	Flammability tests :- - 45° angle test	US 16 CFR Part 1610
Specific product		
- Bed cover and pillow	- Ignitability by smouldering and flaming ignition source	BS EN ISO 12952-1: 2010
- Mattress, divan and bed base	- Resistance to ignition	BS 7177: 2008 + A1: 2011 BS 7177: 1996 (Low hazard to high hazard) BS 7177: 1996 with Amendment No. 1 (Low hazard to high hazard) BS EN 597-1: 1995 BS EN 597-2: 1995 BS 6807: 1996 Section 2: sources 2 to 7 BS 6807: 2006 < <i>Excluding the following</i> > Cl. 10
- Textile floor covering	- Hot metal nut method - Assessment and labelling	BS 4790: 1987 with Amendment No. 1 and 2 BS 5287: 1988

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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
Specific products (cont'd)	Flammability tests :-	
- Upholstered furniture (Non-domestic seating)	- Resistance to ignition (Testing composite)	BS 7176: 2007 + A1: 2011 (Low hazard to high hazard) BS 7176: 1995 (Low hazard to high hazard) BS 7176: 1995 with Amendment No. 1 (Low hazard to high hazard) < Excluding the following > for the above three standards Dry cleaning fabrics BS EN 1021-1: 2006 BS EN 1021-1: 1994 BS EN 1021-2: 2006 BS EN 1021-2: 1994
- Upholstered seating	- Ignitability by smouldering and flaming ignition sources	BS 5852: 2006 < Excluding the following > Section 12 BS 5852: 1990 < Excluding the following > Section 5

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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
Specific product (cont'd)	Flammability tests :-	
- Upholstered composite for seating including:	- Ignitability by smouldering and flaming ignition source	The Furniture and Furnishings (Fire) (Safety) Regulations 1988 (Statutory Instrument 1988 No. 1324) with Amendments issued in 1989 (Statutory Instrument 1989 No. 2358), 1993 (Statutory Instrument 1993 No. 207) and 2010 (Statutory Instrument 2010 No. 2205)
- Polyurethane foam in slab or cushion form		Schedule 1 Part I using test method BS 5852: Part 2: 1982 (Ignition Source 5)
- Polyurethane foam in crumb form		Schedule 1 Part II using test method BS 5852: Part 2: 1982 (Ignition Source 2)
- Latex rubber foam		Schedule 1 Part III using test method BS 5852: Part 2: 1982 (Ignition Source 2)
- Non-foam filling materials singly		Schedule 2 Part I using test method BS 5852: Part 2: 1982 (Ignition Source 2)
- Composite filling for furniture other than mattress, bed-base, cushion and pillow		Schedule 2 Part II using test method BS 5852: Part 2: 1982 (Ignition Source 2)
- Composite filling for pillow and cushion with primary cover		Schedule 2 Part III using test method BS 5852: Part 2: 1982 (Ignition Source 2)
- Composite filling of mattress and bed-base		Schedule 2 Part IV using test method BS 5852: Part 2: 1982 (Ignition Source 2) BS 6807: 1986 Section 4
- Interliner		Schedule 3 using test method BS 5852: Part 2: 1982 (Ignition Source 5)
- Visible part of upholstery		Schedule 4 Part I using test method BS 5852: Part 1: 1979 (Cigarette test)
- Non-visible part of upholstery		Schedule 4 Part II using test method BS 5852: Part 1: 1979 (Cigarette test)

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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
<p>Specific products (cont'd)</p> <p>- Upholstered composite for seating including: (cont'd)</p> <p>- Visible cover</p> <p>- Stretch cover</p> <p>- Non-visible cover</p>	<p>Flammability tests :-</p> <p>- Ignitability by smouldering and flaming ignition source (cont'd)</p>	<p>The Furniture and Furnishings (Fire) (Safety) Regulations 1988 (Statutory Instrument 1988 No. 1324) with Amendments issued in 1989 (Statutory Instrument 1989 No. 2358), 1993 (Statutory Instrument 1993 No. 207) and 2010 (Statutory Instrument 2010 No. 2205)</p> <p>Schedule 5 Part I using test method BS 5852: Part 1: 1979 (Ignition Source 1)</p> <p>Schedule 5 Part II using test method BS 5852: Part 1: 1979 (Ignition Source 1)</p> <p>Schedule 5 Part III using test method BS 5852: Part 1: 1979 (Ignition Source 1)</p>

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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
Toys – paint and similar surface-coating materials	Chemical tests :-	
	- Total lead content	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
Toys – substrate materials (excluding children's jewelry)	- Migration of the elements Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium	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
	- Screening of total element content	ASTM F963-23 Cl. 4.3.5.1 (1) & (2) <i>Test procedure for compliance testing:-</i> In-house method TG-T&M-C-002 SOP 6 (ICP-OES)
	- Total lead content	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 Metal Children's Products (including Children's Metal Jewelry), November 15, 2012. <Excluding the following> XRF spectrometry
	- Migration of the elements Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium	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
	- Screening of total element content	ASTM F963-23 Cl. 4.3.5.2 (2) (b) & (c) <i>Test procedures for compliance testing:-</i> ASTM F963-23 Cl. 8.3.5
		ASTM F963-23 Cl. 4.3.5.2 (2) (a) & (b) & (c) <i>Test procedures for compliance testing:</i> In-house method TG-T&M-C-002 SOP 7 & 8 (ICP-OES)

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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
Metallic toys or metallic toy components (excluding children's jewelry)	Chemical tests :- - Extractable Cadmium	ASTM F963-23 Cl. 4.3.5.2 (2)(d) <i>Test procedures for compliance testing:</i> ASTM F963-23 Cl. 8.3.5.5(3) and CPSC Test Method: CPSC-CH-E1004-11 Standard Operating Procedure for Determining Cadmium (Cd) Extractability from Children's Metal Jewelry February 03, 2011
Plasticized component of toys (including pacifiers, rattles, and teethers) for children 12 years of age and younger	- Dibutyl phthalate (DBP) - Bis (2-ethylhexyl) phthalate (DEHP) - Butyl benzyl phthalate (BBP) - Diisobutyl phthalate (DIBP) - Di-isononyl phthalate (DINP) - Di-n-pentyl phthalate (DPENP) - Di-n-hexyl phthalate (DHEXP) - Dicyclohexyl phthalate (DCHP)	ASTM F963-23 Cl. 4.3.8 <i>Test procedure 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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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
Toys – paint and similar surface-coating materials	Chemical tests :-	
	- Total lead content	ASTM F963-17 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
	- Migration of the elements Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium	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
Toys – substrate materials (excluding children's jewelry)	- Screening of total element content	ASTM F963-17 Cl. 4.3.5.1 and 8.3.1 <i>Test procedure for compliance testing:-</i> In-house method TG-T&M-C-002 SOP 6 (ICP-OES)
	- Total lead content	ASTM F963-17 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 Metal Children's Products (including Children's Metal Jewelry), November 15, 2012. <Excluding the following> XRF spectrometry
	- Migration of the elements Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium	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
	- Migration of the elements Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium	ASTM F963-17 Cl. 4.3.5.2 (2) (b) <i>Test procedures for compliance testing:-</i> ASTM F963-17 Cl. 8.3.5

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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>Toys – substrate materials (excluding children's jewelry) (cont'd)</p> <p>Metallic toys or metallic toy components (excluding children's jewelry)</p>	<p>Chemical tests :-</p> <p>- Total element content</p> <p>- Extractable Cadmium</p>	<p>ASTM F963-17 Cl. 4.3.5.2 (2) and 8.3.1 <i>Test procedures for compliance testing:</i> In-house method TG-T&M-C-002 SOP 7 & 8 (ICP-OES)</p> <p>ASTM F963-17 Cl. 4.3.5.2 (2)(c) <i>Test procedures for compliance testing:</i> ASTM F963-17 Cl. 8.3.5.5(3) and CPSC Test Method: CPSC-CH-E1004-11 Standard Operating Procedure for Determining Cadmium (Cd) Extractability from Children's Metal Jewelry February 03, 2011</p>

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Toys and Children's Products 玩具及兒童產品		
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<p>Toys and other articles intended for use by children – paint and other similar surface-coating materials</p>	<p>Chemical tests :-</p> <p>- Total lead content</p>	<p>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 and Other Similar Surface Coatings, 25 February 2011</p>
<p>Children's metal products</p>	<p>- Total lead content</p>	<p>US Public Law 110 -314 Consumer Product Safety Improvement Act 2008 <i>Test procedure for compliance testing:</i> CPSC Test Method: CPSC-CH-E1001-08.3 Standard Operating Procedure for Determining Total Lead (Pb) in Metal Children's Products (including Children's Metal Jewelry), November, 15, 2012. <Excluding the following> XRF spectrometry</p>
<p>Children's non-metal products</p>	<p>- Total lead content</p>	<p>US Public Law 110 -314 Consumer Product Safety Improvement Act 2008 <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</p>

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Toys and Children's Products 玩具及兒童產品		
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Toys – surface coating material	<p>Chemical tests :-</p> <p>- Total lead content</p> <p>- Total mercury content</p> <p>- Leachable arsenic, selenium, cadmium, antimony and barium</p>	<p>Canada Toys Regulations SOR/2011-17 Section 23 (amended to SOR/2016-195)</p> <p><i>Test procedure 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 (2013-10-16): Determination of Total Lead in Surface Coating Materials in Consumer Products</p> <p><i>Test procedure for compliance testing:</i> In-house method TG-T&M-C-022 SOP 4 (ICP-MS)</p> <p><i>Test procedure for compliance testing:</i> Health Canada Product Safety Reference manual Book 5 – Laboratory Policies and Procedures Part B: Test Methods Section, Method C-03 (2014-02-20) (with modification using ICP-OES for instrumental analysis): Determination of Leachable Arsenic (As), Selenium (Se), Cadmium (Cd), Antimony (Sb) and Barium (Ba) in Applied Coatings</p>

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Toys and Children's Products 玩具及兒童產品		
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Furniture and other articles for children – surface coating material	Chemical tests :- - Total lead content	Canada Surface Coating Materials Regulations (SOR/2016-193), Section 6a <i>Test procedure 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 (2013-10-16): Determination of Total Lead in Surface Coating Materials in Consumer Products
Pencils and artists' brushes - surface coating Material	- Total lead content	Canada Surface Coating Materials Regulations (SOR/2016-193), Section 6b <i>Test procedure 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 (2013-10-16): Determination of Total Lead in Surface Coating Materials in Consumer Products
Surface coating material	- Total mercury content	Canada Surface Coating Materials Regulations (SOR/2005-109), Section 7 Canada Surface Coating Materials Regulations (SOR/2016-193), Section 5 <i>Test procedure for compliance testing:</i> In-house method TG-T&M-C-022 SOP 4 (ICP-MS)

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Toys and Children's Products 玩具及兒童產品		
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All toys	Chemical tests :- - Migration of the elements antimony, arsenic, barium, cadmium, chromium, lead, mercury, selenium	AS/NZS ISO 8124.3: 2012 + Amdt 1: 2016 EN 71-3: 1994 + A1: 2000 + AC: 2002 ISO 8124-3: 2020 (for dewaxing: Method A only)
Toys 玩具	- Migration of the elements Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium - 可遷移元素 鉛, 鎘, 汞, 鉻, 砷, 鋇, 錫, 鎘 - Benzyl Butyl Phthalate (BBP) - Dibutyl phthalate (DBP) - Bis (2-ethylhexyl) phthalate (DEHP) - Di-n-octyl phthalate (DNOP) - Di-isononyl phthalate (DINP) - Di-isodecyl phthalate (DIDP)	GB 6675.1-2014 Cl. 5.3.3 <i>Test procedure for compliance testing:</i> GB 6675.4-2014 GB 6675.1-2014 Cl. 5.3.7 <i>Test procedure for compliance testing:</i> GB/T 22048: 2015 Method A
Toys	- Cellulose nitrate/Celluloid	Canada Toys Regulations SOR/2011-17 Section 21 c.H-3, Schedule I Part I Item 7 <i>Test method for compliance testing:</i> In-house method TG-T&M-C-010 (by Sulphuric acid test, Molisch Test and FT-IR)
Textile products for toys	Formaldehyde (Free & hydrolyzed)	ISO 14184-1: 2011

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All toys' materials	Chemical tests :-	Japan Toy Safety Standard ST 2016 Third Edition (2019.12.3) Part 3 (based on English version provided by JTA)
Materials which are mainly composed of polyethylene, polyvinyl chloride (excluding parts on which paint coating is applied)	- Colouring matters	Cl. 1.1 <i>Test procedure for compliance testing:</i> Cl. 2.1
	- Consumption of potassium permanganate - Residue on evaporation - Heavy metals - Arsenic - Cadmium (excluding materials mainly composed of polyethylene)	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
Decalcomania, folder paper and rubber-made toys (excluding rubber pacifiers)	- Heavy metals - Arsenic	Cl. 1.3 <i>Test procedures for compliance testing:</i> Cl. 1.3.1 & Cl. 2.4 Cl. 1.3.1 & Cl. 2.5
Vinyl chloride resin coating	- Consumption of potassium permanganate - Residue on evaporation	Cl. 1.4 <i>Test procedures for compliance testing:</i> Cl. 1.4.1 & Cl. 2.2 Cl. 1.4.1 & Cl. 2.3
The paint coating applied to the body or the components of the toys (excluding the printing ink used for paper containers) (including vinyl chloride resin coating)	- Heavy metals: 8 elements (antimony, arsenic, barium, cadmium, chromium, lead, mercury and selenium)	Cl. 1.5 <i>Test procedures for compliance testing:</i> Cl. 1.5.1 & Cl. 2.7 (1) ①, (2) & (3)
Textile products used for toys	- Free formaldehyde	Cl. 1.6 <i>Test procedures for compliance testing:</i> Cl. 1.6 (with modification) & Cl. 2.8 (with modification) < <i>Excluding the following</i> > Confirmation test by HPLC

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<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, polyurethane and rubber for which phthalate compound is used as raw material (including those used for paint coating)</p> <p>Metals used for toy (neither painted nor covered)</p>	<p>Chemical tests :-</p> <ul style="list-style-type: none"> - Colouring matters - Heavy metals: 8 elements (antimony, arsenic, barium, cadmium, chromium, lead, mercury and selenium) - Bis (2-ethylhexyl) phthalate (DEHP) - Dibutyl phthalate (DBP) - Butyl benzyl phthalate (BBP) - Di-isononyl phthalate (DINP) - Di-isodecyl phthalate (DIDP) - Di-n-octyl phthalate (DNOP) - Lead 	<p>Japan Toy Safety Standard ST 2016 Third Edition (2019.12.3) Part 3 (based on English version provided by JTA)</p> <p>Cl. 1.8 <i>Test procedures for compliance testing:</i> Cl. 2.1 Cl. 1.8.2 & Cl. 2.7 (1) ②, (2) & (3)</p> <p>Cl. 1.9 < <i>Excluding the following</i> > Cl. 1.9.3 <i>Test procedure for compliance testing:</i> Cl. 2.10 (with modifications) < <i>Excluding the following</i> > Characterization & content determination tests by C-FID</p> <p>Cl. 1.11 <i>Test procedures for compliance testing:</i> Cl. 2.12 & 2.7 (2) & (3)</p>

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	Chemical tests :-	Specifications and Standards for Foods, Food Additives, etc. under the Food Sanitation Act (ABSTRACTS) 2010, JETRO April 2011, 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 (following the tentative English translation published by JETRO in January 2009 and Amd. by MHLW Notification No. 336, September 6, 2010)
Decals	- Heavy metals - Arsenic	Part III A-1 & Part II B-4 Part III A-1 & Part II B-7
Origami paper	- Heavy metals - Arsenic	Part III A-2 & Part III A-1 (2)a & Part II B-4 Part III A-2 & Part III A-1 (2)b & Part II B-7
Coating film of toys	- Cadmium, lead and arsenic	Part III A-4 & Part II B-3 Part III A-4 & Part II B-9
Coating film coated by using Polyvinyl chloride	- Potassium permanganate consumption - Evaporation of residue	Part III A-5 & Part II B-1 Part III A-5 & Part II B-5
Parts (excluding coating film) manufactured using materials mainly composed of polyvinyl chloride	- Potassium permanganate consumption - Heavy metals - Cadmium - Evaporation of residue - Arsenic	Part III A-6 & Part III A-5(2)a & Part II B-1 Part III A-6 & Part III A-1(2)a & Part II B-4 Part III A-6 & Part II B-3 Part III A-6 & Part II B-9 Part III A-6 & Part III A-5(2)b & Part II B-5 Part III A-6 & Part III A-1(2)b & Part II B-7
All designated toys with parts made from plasticized materials	- Butyl benzyl phthalate (BBP) - Bis (2-ethylhexyl) phthalate (DEHP) - Dibutyl phthalate (DBP)	Part III A-7 <i>Test procedures for compliance testing:</i> ST2016 Second Edition (2018.5.30), Part 3, Cl. 2.10 (with modifications) (for PVC, rubber and PU) <Excluding the following> Characterization & content determination tests by GC-FID CPSC Test Method: CPSC-CH-C1001-09.3 Standard Operating Procedure for Determination of Phthalates, 1 April 2010 (for any other plasticized materials)

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Parts of toys (other than those intended to come into direct contact with infant's mouth) made from synthetic resins which are mainly composed of polyvinyl chloride	- Di-isononyl phthalate (DINP)	Part III A-8 <i>Test procedure for compliance testing:</i> ST2016 Second Edition (2018.5.30), Part 3 Cl. 2.10 (with modifications) <Excluding the following> Characterization & content determination tests by GC-FID
Parts made from plasticized materials that intended to come into direct contact with infant's mouth	- Di-isodecyl phthalate (DIDP) - Di-isononyl phthalate (DINP) - Di-n-octyl phthalate (DNOP)	Part III A-9 <i>Test procedures for compliance testing:</i> ST2016 Second Edition (2018.5.30), Part 3, Cl. 2.10 (with modifications) (for PVC, rubber and PU) <Excluding the following> Characterization & content determination tests by GC-FID CPSC Test Method: CPSC-CH-C1001-09.3 Standard Operating Procedure for Determination of Phthalates, 1 April 2010 (for any other plasticized materials)
Parts (excluding coating film) manufactured using materials mainly composed of polyethylene	- Potassium permanganate consumption - Heavy metals - Evaporation of residue - Arsenic	Part III A-10 & Part III A-5(2)a & Part II B-1 Part III A-10 & Part III A-1(2)a & Part II B-4 Part III A-10 & Part III A-5(2)b & Part II B-5 Part III A-10 & Part III A-1(2)b & Part II B-7
Metal jewelry toys that might be swallowed by infants and small children	- Lead	Part III A-11 & Part II B-3 Part III A-11 & Part II B-9
Synthetic resin-based colouring agents used in the manufacture of toys	- Colouring agent	Part III B

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<p>Toys made of PVC plastic materials only (cutlery and feeding utensils, excluding feeding bottles, teats, spouts, cups and childcare articles)</p>	<p>Chemical tests :-</p> <ul style="list-style-type: none"> - Bis (2-ethylhexyl) phthalate (DEHP) - Dibutyl phthalate (DBP) - Benzyl butyl phthalate (BBP) - Di-isononyl phthalate (DINP) - Di-isodecyl phthalate (DIDP) - Di-n-octyl phthalate (DNOP) 	<p>Regulation (EC) No. 1907/2006 on REACH Annex XVII Item No. 51/52 as amended by Commission Regulation (EC) No. 552/2009</p> <p><i>Test method for testing of the contents of 6 phthalates:-</i> EN 14372: 2004 (E), cl. 3. cl. 4, cl. 5.4.2.1, cl. 5.4.2.3, cl. 6.3.2 & Annex A (by GC-MS)</p> <p>< Excluding the following ></p> <p>Gravimetric analysis given under cl. 6.3.2.7</p>
<p>Toys</p>	<ul style="list-style-type: none"> - Bis (2-ethylhexyl) phthalate (DEHP) - Dibutyl phthalate (DBP) - Benzyl butyl phthalate (BBP) - Di-isononyl phthalate (DINP) - Di-isodecyl phthalate (DIDP) - Di-n-octyl phthalate (DNOP) 	<p>Regulation (EC) No. 1907/2006 on REACH Annex XVII Item No. 51/52 as amended by Commission Regulation (EC) No. 552/2009</p> <p><i>Test procedure for compliance testing:-</i> CPSC Test Method: CPSC-CH-C1001-09.3 Standard Operating Procedure for Determination of Phthalates, 1 April 2010</p>
<p>Toys for children, and childcare articles intended to facilitate sleep or feeding</p>	<ul style="list-style-type: none"> - Dibutyl Phthalate (DBP) - Di-(2ethylhexyl) phthalate (DEHP) - Benzyl Butyl Phthalate (BBP) - Di-n-octyl phthalate (DnOP) - Diisononyl phthalate (DINP) - Diisodecyl phthalate (DIDP) 	<p>CPSC Test Method: CPSC-CH-C1001-09.3 Standard Operating Procedure for Determination of Phthalates, 1 April 2010 (excluding optional pre-screen procedure using IR spectrometry)</p>
<p>Toys and childcare articles</p>	<ul style="list-style-type: none"> - Dibutyl phthalate (DBP) - Bis (2-ethylhexyl) phthalate (DEHP) - Butyl benzyl phthalate (BBP) - Diisobutyl phthalate (DIBP) - Di-isononyl phthalate (DINP) - Di-n-pentyl phthalate (DPENP) - Di-n-hexyl phthalate (DHEXP) - Dicyclohexyl phthalate (DCHP) 	<p>US 16 CFR Part 1307</p> <p><i>Test procedure for compliance testing:</i> CPSC Test Method: CPSC-CH-C1001-09.4 Standard Operating Procedure for Determination of Phthalates, January 17, 2018</p>

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<p>Toys</p> <p>Category I toy materials: Dry, brittle, powder like or pliable materials</p> <p>Category III toy materials: Scraped-off materials</p>	<p>Chemical tests :-</p> <p>- Migration of certain elements</p> <p>Aluminium, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Strontium, Tin and Zinc</p> <p>Chromium (VI) Chromium (III) (by calculation)</p> <p>Organic Tin: Methyl tin, Butyltin, Dibutyl tin, Tributyl tin Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl-tin</p> <p>Aluminium, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Strontium, Tin and Zinc</p> <p>Chromium (VI) Chromium (III) (by calculation)</p> <p>Organic Tin: Methyl tin, Butyltin, Dibutyl tin, Tributyl tin Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl-tin</p>	<p>BS EN 71-3: 2019 + A1: 2021 EN 71-3:2019 + A1: 2021</p> <p>Alternative method as documented in TG-T&M-C-102 (ICP-OES and ICP-MS)</p> <p>Alternative method as documented in TG-T&M-C-103 (LC-ICP-MS)</p> <p>Annex G (GC-MS)</p> <p>Alternative method as documented in TG-T&M-C-102 (ICP-OES)</p> <p>Alternative method as documented in TG-T&M-C-103 (LC-ICP-MS)</p> <p>Annex G (GC-MS)</p>

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Battery operated toy	Electrical tests :- 電性能測試 - Battery operated toys safety tests	ASTM F963-23 Section 4.25 < <i>Excluding the following</i> > Cl. 4.25.7.1, 4.25.9 and 4.25.10 ASTM F963-17 Section 4.25 < <i>Excluding the following</i> > Cl. 4.25.8.1, 4.25.10 and 4.25.11
Electric toy < <i>Excluding the following</i> > - ride-on toy	- Safety tests	BS EN 62115: 2005 + A12: 2015 EN 62115: 2005 + A12: 2015 < <i>Excluding the following</i> > for the above two standards Cl. 11.1 (tests to IEC 60529) and 14.15; Sect. 20; Annexes C, E and ZC IEC 62115: 2017 BS EN IEC 62115: 2020 + A11: 2020 < <i>Excluding the following</i> > for the above two standards Cl. 13.8, Sect. 11 (tests to IEC 60529) and 19; Annexes C, D and E

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Toy	Flammability tests : -	<p>ISO 8124-2: 2023 ISO 8124-2: 2014 AS/NZS 8124-2: 2016 < <i>Excluding the following</i> > for the above three standards Tests for flammable gel, extremely flammable liquid, highly flammable liquid, flammable gas; viscosity test</p> <p>Japan Toy Safety Standard ST2016 Third Edition (December 3, 2019) Part 2 (based on English version provided by JTA in December 3 2019) < <i>Excluding the following</i> > Tests for flammable gel, extremely flammable liquid, highly flammable liquid, flammable gas; viscosity test</p> <p>Japan Toy Safety Standard ST2016 Fourth Edition (October 4, 2022) Part 2 (based on English version provided by JTA in December 3 2019 and translation of revision notice in October 4, 2022) < <i>Excluding the following</i> > Tests for flammable gel, extremely flammable liquid, highly flammable liquid, flammable gas; viscosity test</p> <p>EN 71-2: 2011 + A1: 2014 BS EN 71-2: 2011 + A1: 2014 EN 71-2: 2020 BS EN 71-2: 2020 < <i>Excluding the following</i> > for the above four standards Tests for flammable gel, extremely flammable liquid, highly flammable liquid, flammable gas; viscosity test</p>

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Toys and Children's Products 玩具及兒童產品		
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Toy	Flammability test :	<p>16 CFR Parts 1500.3(c)(6)(vi) & 1500.44 16 CFR Part 1610 ASTM F963-23 Section 4.2 ASTM F963-17 Section 4.2</p> <p>Canada Toys Regulations (SOR/2011-17) (last amended on 11 January 2019) Section 32, 33 and 34</p> <p>GB 6675.1: 2014 Cl. 5.2, and GB 6675.3: 2014 <Excluding the following > Tests for flammable gas, highly flammable liquid, highly flammable solid and flammable gels; viscosity test</p>
玩具	燃燒性能測試：	<p>GB 6675.1: 2014 Cl. 5.2, 及 GB 6675.3: 2014 <不包含> 易燃氣體、高度易燃液體、 高度易燃固體、易燃凝膠體的測試; 粘度測試</p>

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<p>Toy cosmetics, liquids, pastes, putties, gels, and powders</p> <p>< <i>Excluding the following</i> ></p> <p>- avian feather products</p>	<p>Microbiological tests:-</p> <p>Cleanliness of Materials</p> <p>- Microbial Enumeration Tests</p> <p>- Tests for Specified Microorganisms</p>	<p>ASTM F963-17 Clause 4.3.6.3 and 8.4.1</p> <p><i>Test Procedures for compliance testing:</i></p> <p>The United States Pharmacopeia 35 (2012), General Ch. <61></p> <p><i>Test Procedures for compliance testing:</i></p> <p>The United States Pharmacopeia 35 (2012), General Ch. <62></p>

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Toys	Physical and mechanical tests :- - Safety requirements and test methods	ISO 8124-1: 2018 + A1: 2020 + A2: 2020 <i><Excluding the following></i> Cl. 4.8.2, 4.12.2, 4.15, 4.16.2.2, 4.18.4.1, 4.21, 4.22, 4.23 and 4.26c) and 4.29 (push and pull toy and hand-activated spring-propelled toy) and 4.30; tests for large and bulky toy ISO 8124-1: 2022 <i><Excluding the following></i> Cl. 4.8.2, 4.12.2, 4.15, 4.16.2.2, 4.18.4.1, 4.21, 4.22, 4.23 and 4.26c) and 4.29 (push and pull toy and hand-activated spring-propelled toy) and 4.30; tests for large and bulky toy
Toy	- Safety requirements and test methods	AS/NZS 8124.1: 2019 <i><Excluding the following></i> Cl. 4.8.2, 4.12.2, 4.15, 4.16.2.2, 4.18.4.1, 4.21, 4.22, 4.23, 4.26c), 4.29 (push and pull toy and hand-activated spring-propelled toy) and 4.30; tests for large and bulky toy

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Toy	Physical and mechanical tests :- - Safety requirements and test methods	Japan Toy Safety Standard ST2016 Third Edition (December 3, 2019) Part 1 (based on English version provided by JTA) in December 3, 2019) <Excluding the following> Cl. 4.12.2, 4.15, 4.16.2.2, 4.18.3.1, 4.22c), 4.23 (pull and push toy, hand-activated spring-propelled toy), tests for large and bulky toy Japan Toy Safety Standard ST2016 Fourth Edition (October 4, 2022) Part 1 (based on English version provided by JTA in December 3, 2019 and translation of revision notice in October 4, 2022) <Excluding the following> Cl. 4.12.2, 4.15, 4.16.2.2, 4.18.3.1, 4.22c), 4.23 (pull and push toy, hand-activated spring-propelled toy), tests for large and bulky toy
Toy	Physical and mechanical tests :- 機械和物理性能測試:- - Safety requirements and test methods	GB 6675.1: 2014 Cl. 5.1.1 to 5.1.11, 5.5.2, 5.7, and GB 6675.2: 2014 <Excluding the following > Cl. 4.12.2, 4.16.2.2, 4.20, 4.21, 4.22, 4.25c), 4.28 (test for push and pull toy and hand-activated spring-propelled toys)
玩具	- 安全規定及測試方法	GB 6675.1: 2014 Cl. 5.1.1 to 5.1.11, 5.5.2, 5.7, 及 GB 6675.2: 2014 <不包含> Cl. 4.12.2, 4.16.2.2, 4.20, 4.21, 4.22, 4.25c), 4.28 (推拉玩具和手動彈簧驅動玩具的測試)
Toy	- Instructions for use of toys	GB/T 5296.5-2006
玩具	- 玩具使用說明	GB/T 5296.5-2006

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Toy	Physical and mechanical tests :- - 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. 4.10.1c), 4.11c), 4.11e), 4.14.1c), 4.15 4.18 (tests to EN 15649-3), 4.20.2.5, 4.20.2.8, 4.20.2.12, 4.22 (toy with a ball attached by a string, elastic similar such that the ball is suspended freely) and 5.10 (toy with a ball attached by a string, elastic similar such that the ball is suspended freely); tests for large and bulky toy
Toy	- Safety requirements :- Labeling requirements Instructional literature Producer's markings Test methods - Safety requirements :- Labeling requirements Instructional literature Producer's markings Test methods	ASTM F963-23 Section 4.1, 4.3.7, 4.5 to 4.14, 4.16 to 4.19, 4.21 to 4.24, 4.26 to 4.28, 4.30 to 4.36, 4.38 to 4.40 <Excluding the following> Section 4.1 (reprocessed materials test to 4.3.1), 4.5 (tests for user-propelled modes of tabletop, floor, crib toys, pull and push toy), 4.6.2 Section 5 Section 6 Section 7 Section 8 ASTM F963-17 Section 4.1, 4.3.7, 4.5 to 4.14, 4.16 to 4.19, 4.21 to 4.24, 4.26 to 4.28, 4.30 to 4.36, 4.38 to 4.40 <Excluding the following> Section 4.1 (reprocessed materials test to 4.3.1), 4.5 (tests for pull and push toy and hand-activated spring-propelled toy), 4.6.2 Section 5 Section 6 Section 7 Section 8

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Toy	Physical and mechanical tests :- - Safety tests	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
Toys	- Safety Requirements:	Canada Toys Regulations (SOR/2011-17) (last amended on 11 January 2019) Section 3, 4, 7 to 19, 28 to 31, 37, 40, 41, 43 and 44 < Excluding the following > Section 19 (push and pull toy), 29(c), 29(d)