



SGS Hong Kong Limited

香港通用檢測認證有限公司

ADDRESS : 1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong
地址 香港新界粉嶺樂業路25號安滙中心一樓

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CLIENTELE : Public
服務對象 公眾



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OGC Laboratory, Lung Hong Street, Area 38, Tuen Mun, New Territories, Hong Kong
香港新界屯門 38 區龍康街石化部化驗室

Unit 2 and 3, G/F Block A, Po Lung Centre, 11 Wang Chiu Road, Kowloon Bay,
Kowloon, Hong Kong
香港九龍九龍灣宏照道十一號寶隆中心 A 座地下 2 及 3 號室

ACCREDITED TEST : Calibration Services 校正服務
CATEGORIES 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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Calibration Services 校正服務		
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 [@]	CALIBRATION AND MEASUREMENT CAPABILITY (CMC) [*] 校準和測量能力 [*]
Length and related measurements - Length measurement - Caliper	Calibration for length in accordance with in-house procedure CALIPER.CAL over the following range: 0 to 200 mm - Dial Type - Digital Type - Vernier Type	 0.027 mm 0.027 mm 0.027 mm
- External micrometer	Calibration for length in accordance with in-house procedure MICRO.CAL over the following range: 0 to 25 mm	 1.6 μm
- Steel rule	Calibration for length in accordance with in-house procedure SRULE.CAL over the following range: 0 to 1000 mm	 0.075 mm

[@] Unless otherwise specified, accredited activities are conducted at the laboratory.

^{*} The calibration uncertainty of a device under test, which is usually reported at 95% confidence level, depends on both the CMC of the laboratory and the performance of the device during calibration.

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Mass and related measurements - Force measurement - Tension gauge	Calibration for force in accordance with in-house procedure TENSION.CAL over the following range: 10 N to 100 N above 100 N to 300 N above 300 N to 480 N above 480 N to 670 N	0.086 N to 0.38 N 0.38 N to 0.96 N 0.96 N to 1.9 N 1.9 N

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Calibration Services 校正服務		
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 [@]	CALIBRATION AND MEASUREMENT CAPABILITY (CMC)[*] 校準和測量能力 [*]
Mass and related measurements (cont'd) - Weight and balance - Electronic balance	Calibration for mass using OIML Class E2 weights from 1 mg to 50 g and 200 g, Class F1 weights from 10 mg to 2 kg, and Class M1 weights from 1 kg to 10 kg in accordance with in-house procedure BALANCE.CAL over the following ranges: 1 mg to 50 g above 50 g to 100 g above 100 g to 200 g above 200 g to 300 g above 300 g to 400 g above 400 g to 500 g above 500 g to 1 kg above 1 kg to 2 kg above 2 kg to 3 kg above 3 kg to 4 kg above 4 kg to 8 kg above 8 kg to 30 kg above 30 kg to 60 kg above 60 kg to 140 kg	0.014 mg to 0.13 mg 0.13 mg to 0.23 mg 0.23 mg to 0.38 mg 0.38 mg to 0.43 mg 0.43 mg to 1.3 mg 1.3 mg 1.3 mg to 14 mg 14 mg to 15 mg 15 mg to 18 mg 18 mg to 21 mg 21 mg to 130 mg 130 mg to 1.6 g 1.6 g to 12 g 12 g to 24 g

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Mass and related measurements (cont'd) - Weight and balance (cont'd) - Electronic balance (cont'd)	On-site calibration for mass using OIML Class E2 weights from 1 mg to 50 g and 200 g, Class F1 weights from 10 mg to 2 kg, and Class M1 weights from 1 kg to 10 kg in accordance with in-house procedure BALANCE.CAL over the following ranges: 1 mg to 50 g above 50 g to 100 g above 100 g to 200 g above 200 g to 300 g above 300 g to 400 g above 400 g to 500 g above 500 g to 1 kg above 1 kg to 2 kg above 2 kg to 3 kg above 3 kg to 4 kg above 4 kg to 8 kg above 8 kg to 30 kg above 30 kg to 60 kg above 60 kg to 140 kg	0.014 mg to 0.13 mg 0.13 mg to 0.23 mg 0.23 mg to 0.38 mg 0.38 mg to 0.43 mg 0.43 mg to 1.3 mg 1.3 mg 1.3 mg to 14 mg 14 mg to 15 mg 15 mg to 18 mg 18 mg to 21 mg 21 mg to 130 mg 130 mg to 1.6 g 1.6 g to 12 g 12 g to 24 g

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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) - Plastic toys <Excluding the following> - toys containing gas or liquid - imitation weapon toys - chemical toys - cosmetic toys - toys with direct food contact - 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 	<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
Leather and textile products	Amine (Azo colourants) : 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) 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 procedures for compliance testing for leather products:</i> - EN ISO 17234-1: 2015 (for determination of the 21 amines listed on the left in leather products) - EN ISO 17234-2: 2011 (for determination of 4-aminoazobenzene in leather products) <i>Test procedures for compliance testing for textile products:</i> - EN ISO 14362-1: 2017 (for determination of the 21 amines listed on the left in textile products) - EN ISO 14362-3: 2017 (for determination of 4-aminoazobenzene in textile products) Techniques used are GC-MSD and HPLC-DAD for the test methods listed above

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Leather and textile products	Amine (Azo colourants) : 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'-methylenedi-o-toliodone 14) p-cresidine 15) 4,4'-methylene-bis-(2-chloroaniline) 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) 2,4-xylydine 23) 2,6-xylydine 4-aminoazobenzene	For leather products: ISO 17234-1: 2015 BS EN ISO 17234-1: 2015 ISO 17234-1: 2020 BS EN ISO 17234-1: 2020 For textile products: ISO 14362-1:2017 BS EN ISO 14362-1: 2017 (for the determination of the first 21 amines listed on the left) For leather products: ISO 17234-2:2011 BS EN ISO 17234-2: 2011 For textile products: ISO 14362-3:2017 BS EN ISO 14362-3: 2017 Techniques used are GC-MSD and HPLC-DAD for all test methods listed above.

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Products made of textile	Amine (Azo colourants) : 1) 4-氨基聯苯(4-aminodiphenyl) 2) 聯苯胺(benzidine) 3) 4-氯鄰甲苯胺(4-chloro-o-toluidine) 4) 2-萘胺(2-naphthylamine) 5) 鄰氨基偶氮甲苯(2-aminoazotoluene) 6) 2-氨基-4-硝基甲苯(2-amino-4-nitrotoluene) 7) 對氯苯胺(p-chloroaniline) 8) 2,4-二氨基苯甲醚(2,4-diaminoanisole) 9) 4,4'-二氨基二苯甲烷 (4,4'-diaminodiphenylmethane) 10) 3,3'-二氯聯苯胺(3,3'-dichlorobenzidine) 11) 3,3'-二甲氧基聯苯胺 (3,3'-dimethoxybenzidine) 12) 3,3'-二甲基聯苯胺 (3,3'-dimethylbenzidine) 13) 3,3'-二甲基-4,4'-二氨基二苯甲烷 (3,3'-dimethyl-4,4'-diaminodiphenylmethane) 14) 3-氨基對甲苯甲醚 (p-克利酞)(p-cresidine) 15) 4,4'-次甲基-雙-(2-氯苯胺) [4,4'-methylene-bis-(2-chloroaniline)] 16) 4,4'-二氨基二苯醚(4,4'-oxydianiline) 17) 4,4'-二氨基二苯硫醚(4,4'-thiodianiline) 18) 鄰甲苯胺(2-toluidine) 19) 2,4'-二氨基甲苯(2,4-tolylenediamine) 20) 2,4,5-三甲基苯胺(2,4,5-trimethylaniline) 21) 鄰甲基苯胺(鄰氨基苯甲醚)(2-anisidine) 22) 2,4-二甲基苯胺(2,4-xylylidine) 23) 2,6-二甲基苯胺(2,6-xylylidine) 24) 4-氨基偶氮苯(4-aminoazobenzene)	FZ/T 43015-2011 Cl. 4.3 & 5.1.12 (桑蠶絲針織服裝) FZ/T 73001-2016 Cl. 5.4.2 & 6.4.7 (襪子) FZ/T 73010-2016 Cl. 5.3.1 & 6.1.2.4 (針織工藝衫) FZ/T 73012-2017 Cl. 5.3.1 & 6.1.2.5 (文胸) FZ/T 73013-2017 Cl. 4.2.1 & 5.1.2.5 (針織泳裝) FZ/T 73017-2014 Cl. 4.3.1 & 5.1.2.6 (針織家居服) FZ/T 73019.2-2020 Cl. 6.2.1 & 7.1.11 (針織塑身內衣-調整型) FZ/T 73020-2019 Cl. 5.3.1 & 6.1.5 (針織休閒服裝) FZ/T 73022-2019 Cl. 4.3.1 & 5.2.6 (針織保暖內衣) FZ/T 73024-2014 Cl. 4.3.1 & 5.1.2.6 (化纖針織內衣) FZ/T 73025-2019 Cl. 5.3.1 & 6.1.5 (嬰幼兒針織服飾) FZ/T 73026-2014 Cl. 4.3.1 & 5.1.2.19 (針織裙、裙套) FZ/T 73029-2019 Cl. 6.4.3.1 & 7.4.7 (針織褲) FZ/T 73032-2017 Cl. 5.3.1 & 6.2.4 (針織牛仔服裝) FZ/T 73043-2020 Cl. 4.2.1 & 5.5.5 (針織襯衫) FZ/T 73046-2020 Cl. 5.2.1 & 6.1.2.4 (一體成型文胸) FZ/T 73052-2015 Cl. 5.3.1 & 6.2.19 (水洗整理針織服裝) FZ/T 81014-2008 Cl. 4.11 & 5.4.5 (嬰幼兒服裝) FZ/T 73037-2019 Cl. 5.4.2.1 & 6.4.6 (針織運動襪) FZ/T 73045-2013 Cl. 4.3.1 & 5.3.15 (針織兒童服裝) FZ/T 73047-2013 Cl. 4.4.1 & 5.4.4 (針織民用手套) GB/T 22849-2014 Cl. 4.3.1 & 5.1.2.5 (針織T恤衫) GB/T 22853-2019 Cl. 5.3.1 & 6.2.2.5 (針織運動服) GB/T 23328-2009 Cl. 3.12.9 & 4.4.12 (機織學生服) GB/T 32614-2016 Cl. 5.3.1 & 6.2.5 (戶外運動服裝) GB/T 8878-2014 Cl. 4.3.1 & 5.1.2.6 (棉針織內衣) FZ/T 74002-2014 Cl. 5.3.1 & 6.1.2.4 (運動文胸) <i>Test procedures for compliance testing:</i> GB/T 17592-2011 (for determination of the first 23 amines listed on the left in textile products) GB/T 23344-2009 (for determination of 4-aminoazobenzene in textile products) Techniques used are GC-MSD and HPLC-DAD for the test methods listed above

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Products made of textile (cont'd)	Amine (Azo colourants) : 1) 4-氨基聯苯(4-aminodiphenyl) 2) 聯苯胺(benzidine) 3) 4-氯鄰甲苯胺(4-chloro-o-toluidine) 4) 2-萘胺(2-naphthylamine) 5) 鄰氨基偶氮甲苯(2-aminoazotoluene) 6) 2-氨基-4-硝基甲苯(2-amino-4-nitrotoluene) 7) 對氯苯胺(p-chloroaniline) 8) 2,4-二氨基苯甲醚(2,4-diaminoanisole) 9) 4,4'-二氨基二苯甲烷 (4,4'-diaminodiphenylmethane) 10) 3,3'-二氯聯苯胺(3,3'-dichlorobenzidine) 11) 3,3'-二甲氧基聯苯胺 (3,3'-dimethoxybenzidine) 12) 3,3'-二甲基聯苯胺 (3,3'-dimethylbenzidine) 13) 3,3'-二甲基-4,4'-二氨基二苯甲烷 (3,3'-dimethyl-4,4'-diaminodiphenylmethane) 14) 3-氨基對甲苯甲醚(p-克利酞)(p-cresidine) 15) 4,4'-次甲基-雙-(2-氯苯胺) [4,4'-methylene-bis-(2-chloroaniline)] 16) 4,4'-二氨基二苯醚(4,4'-oxydianiline) 17) 4,4'-二氨基二苯硫醚(4,4'-thiodianiline) 18) 鄰甲苯胺(2-toluidine) 19) 2,4'-二氨基甲苯(2,4-toluylenediamine) 20) 2,4,5-三甲基苯胺(2,4,5-trimethylaniline) 21) 鄰甲基苯胺(鄰氨基苯甲醚)(2-anisidine) 22) 2,4-二甲基苯胺(2,4-xylylidine) 23) 2,6-二甲基苯胺(2,6-xylylidine) 24) 4-氨基偶氮苯(4-aminoazobenzene)	GB/T 21294-2014 Cl 3.4 for FZ/T 73002-2016 Cl. 3.5 & 4.4.5 (針織帽) FZ/T 81001-2016 Cl. 4.12 & 5.4.7 (睡衣套) FZ/T 81006-2017 Cl. 4.11 & 5.4.10 (牛仔服裝) FZ/T 81008-2021 Cl. 3.11 & 4.4.12 (茄克衫) FZ/T 81010-2018 Cl. 3.11 & 4.4.16 (風衣) FZ/T 81020-2014 Cl. 4.8.1 & 5.4.4 (機織文胸) FZ/T 81021-2014 Cl. 4.9.1 & 5.4.7 (機織泳裝) FZ/T 82002-2016 Cl. 3.5 & 4.4.5 (縫製帽) FZ/T 81012-2016 Cl. 4.7 & 5.2.6 (機織圍巾披肩) GB/T 2664-2017 Cl. 3.12 & 4.4.10 (男西服、大衣) GB/T 2665-2017 Cl. 3.12 & 4.4.10 (女西服、大衣) GB/T 2666-2017 Cl. 3.12 & 4.4.11 (西褲) GB/T 18132-2016 Cl. 4.12 & 5.4.7 (絲綢服裝) GB/T 22700-2016 Cl. 4.10 & 5.4.7 (水洗整理服裝) GB/T 31900-2015 Cl. 3.12.1 & 4.4.7 (機織兒童服裝) GB/T 14272-2021 Cl. 4.11.1, 4.11.2, 4.11.3 & 5.6.9 (羽絨服裝) GB/T 23314-2021 Cl. 4.8 & 5.4.13 (領帶) GB 18401-2010 Cl. 6.8 for FZ/T 73031-2009 Cl. 5.4.1.2 & 6.4.10 (壓力襪) GB/T 22854-2009 Cl. 4.3 & 5.3.14 (針織學生服) <i>Test procedures for compliance testing:</i> GB/T 17592-2011 (for determination of the first 23 amines listed on the left in textile products) GB/T 23344-2009 (for determination of 4-aminoazobenzene in textile products) Techniques used are GC-MSD and HPLC-DAD for the test methods listed above

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皮革和毛皮產品及其製品 (Products made from leather and fur)	芳香胺(偶氮染料)Amine (Azo colourants) : 1) 4-氨基聯苯(4-aminodiphenyl) 2) 聯苯胺(benzidine) 3) 4-氯鄰甲苯胺(4-chloro-o-toluidine) 4) 2-萘胺(2-naphthylamine) 5) 鄰氨基偶氮甲苯(2-aminoazotoluene) 6) 2-氨基-4-硝基甲苯(2-amino-4-nitrotoluene) 7) 對氯苯胺(p-chloroaniline) 8) 2,4-二氨基苯甲醚(2,4-diaminoanisole) 9) 4,4'-二氨基二苯甲烷 (4,4'-diaminodiphenylmethane) 10) 3,3'-二氯聯苯胺(3,3'-dichlorobenzidine) 11) 3,3'-二甲氧基聯苯胺 (3,3'-dimethoxybenzidine) 12) 3,3'-二甲基聯苯胺 (3,3'-dimethylbenzidine) 13) 3,3'-二甲基-4,4'-二氨基二苯甲烷 (3,3'-dimethyl-4,4'-diaminodiphenylmethane) 14) 3-氨基對甲苯甲醚(p-克利酞)(p-cresidine) 15) 4,4'-次甲基-雙(2-氯苯胺) [4,4'-methylene-bis-(2-chloroaniline)] 16) 4,4'-二氨基二苯醚(4,4'-oxydianiline) 17) 4,4'-二氨基二苯硫醚(4,4'-thiodianiline) 18) 鄰甲苯胺(2-toluidine) 19) 2,4'-二氨基甲苯(2,4-toluylenediamine) 20) 2,4,5-三甲基苯胺(2,4,5-trimethylaniline) 21) 鄰甲基苯胺(鄰氨基苯甲醚)(2-anisidine) 22) 2,4-二甲基苯胺(2,4-xylylidine) 23) 2,6-二甲基苯胺(2,6-xylylidine)	GB 20400-2006 Cl. 5 & 表 1(可分解芳香胺染料) and Cl. 6.1 <i>Test procedures for compliance testing:</i> GB/T 19942-2019 (Techniques used are GC-MSD and HPLC-DAD)

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Products made of textile (exclude plastic components)	Content of compounds based on chlorobenzenes and chlorotoluenes:- 2-Chlorotoluene 3-Chlorotoluene 4-Chlorotoluene 2,3-Dichlorotoluene 2,4-Dichlorotoluene 2,5-Dichlorotoluene 2,6-Dichlorotoluene 3,4-Dichlorotoluene 2,3,6-Trichlorotoluene 2,4,5-Trichlorotoluene Pentachlorotoluene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,3,5-Trichlorobenzene 1,2,3,4-Tetrachlorobenzene 1,2,3,5-Tetrachlorobenzene 1,2,4,5-Tetrachlorobenzene Pentachlorobenzene Hexachlorobenzene	EN 17137:2018

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Leather	Chromium (VI) content	ISO 17075-1:2017 ISO 17075-2:2017
嬰幼兒及兒童紡織產品 Infants and children textile products	總鉛和總鎘含量 Total content of lead and cadmium	GB 31701-2015 Cl. 4.2 & 5.2 <i>Test procedures for compliance testing:</i> GB/T 30157-2013
	鄰苯二甲酸酯 The content of phthalate - 鄰苯二甲酸二丁酯 - Dibutyl phthalate (DBP) - 鄰苯二甲酸丁基苄基酯 - Benzyl butyl phthalate (BBP) - 鄰苯二甲酸二(2-乙基)己酯 - Di-(2ethylhexyl) phthalate (DEHP) - 鄰苯二甲酸二異壬酯 - Diisononyl phthalate (DINP) - 鄰苯二甲酸二辛酯 - Di-n-octyl phthalate (DnOP) - 鄰苯二甲酸二異癸酯 - Diisodecyl phthalate (DIDP)	GB 31701-2015 Cl. 4.2 & 5.3 <i>Test procedures for compliance testing:</i> GB/T 20388-2016
機織嬰幼兒服裝 Woven garments for infants	鄰苯二甲酸酯 The content of phthalate - 鄰苯二甲酸二丁酯 - Dibutyl phthalate (DBP) - 鄰苯二甲酸丁基苄基酯 - Benzyl butyl phthalate (BBP) - 鄰苯二甲酸二(2-乙基)己酯 - Di-(2ethylhexyl) phthalate (DEHP) - 鄰苯二甲酸二異壬酯 - Diisononyl phthalate (DINP) - 鄰苯二甲酸二辛酯 - Di-n-octyl phthalate (DnOP) - 鄰苯二甲酸二異癸酯 - Diisodecyl phthalate (DIDP)	GB/T 33271-2016 Cl. 4.13 & 5.4.6 <i>Test procedures for compliance testing:</i> GB/T 20388-2016
	總鉛和總鎘含量 Total content of lead and cadmium	GB/T 33271-2016 Cl. 4.13 & 5.4.7 <i>Test procedures for compliance testing:</i> GB/T 30157-2013

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<p>機織嬰幼兒服裝(續上) Woven garments for infants (cont'd)</p>	<p>芳香胺(偶氮染料)Amine (Azo colourants) :</p> <ol style="list-style-type: none"> 1) 4-氨基聯苯(4-aminodiphenyl) 2) 聯苯胺(benzidine) 3) 4-氯鄰甲苯胺(4-chloro-o-toluidine) 4) 2-萘胺(2-naphthylamine) 5) 鄰氨基偶氮甲苯(2-aminoazotoluene) 6) 2-氨基-4-硝基甲苯(2-amino-4-nitrotoluene) 7) 對氯苯胺(p-chloroaniline) 8) 2,4-二氨基苯甲醚(2,4-diaminoanisole) 9) 4,4'-二氨基二苯甲烷 (4,4'-diaminodiphenylmethane) 10) 3,3'-二氯聯苯胺(3,3'-dichlorobenzidine) 11) 3,3'-二甲氧基聯苯胺 (3,3'-dimethoxybenzidine) 12) 3,3'-二甲基聯苯胺 (3,3'-dimethylbenzidine) 13) 3,3'-二甲基-4,4'-二氨基二苯甲烷 (3,3'-dimethyl-4,4'-diaminodiphenylmethane) 14) 3-氨基對甲苯甲醚(p-克利酞)(p-cresidine) 15) 4,4'-次甲基-雙-(2-氯苯胺) [4,4'-methylene-bis-(2-chloroaniline)] 16) 4,4'-二氨基二苯醚(4,4'-oxydianiline) 17) 4,4'-二氨基二苯硫醚(4,4'-thiodianiline) 18) 鄰甲苯胺(2-toluidine) 19) 2,4'-二氨基甲苯(2,4-toluylenediamine) 20) 2,4,5-三甲基苯胺(2,4,5-trimethylaniline) 21) 鄰甲基苯胺(鄰氨基苯甲醚)(2-anisidine) 22) 2,4-二甲基苯胺(2,4-xylylidine) 23) 2,6-二甲基苯胺(2,6-xylylidine) 24) 4-氨基偶氮苯(4-aminoazobenzene) <p>可萃取重金屬含量 The content of extractable heavy metal</p> <ul style="list-style-type: none"> - 銻(Sb), 砷(As), 鉛(Pb), 鎘(Cd), 鉻(Cr), 鈷(Co), 銅(Cu), 鎳(Ni), 汞(Hg) - Antimony(Sb), Arsenic(As), Lead (Pb), Cadmium (Cd), Chromium(Cr), Cobalt(Co), Copper(Cu), Nickel(Ni), Mercury(Hg) - 鉻(六價) - Cr(VI) 	<p>GB/T 21294-2014 Cl 3.4 for GB/T 33271-2016 Cl. 4.13 & 5.4.9</p> <p><i>Test procedures for compliance testing:</i> GB/T 17592-2011 (for determination of the first 23 amines listed on the left) GB/T 23344-2009 (for determination of 4-aminoazobenzene)</p> <p>Techniques used are GC-MSD and HPLC-DAD for all test methods listed above.</p> <p>GB/T 21294-2014 Cl 6.2.1 for GB/T 33271-2016 Cl. 4.13 & 5.4.9</p> <p><i>Test procedures for compliance testing:</i> GB/T 3922-2013 and ISO 17294-2:2003</p> <p><i>Test procedures for compliance testing:</i> GB/T 17593.3-2006</p>

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兒童鞋 Children's footwear	六價鉻 Chromium (VI) content	GB 30585-2014 Cl. 5.3 & 6.6 <i>Test procedures for compliance testing:</i> GB/T 22807-2019
	Amine (Azo colourants) : 1) 4-氨基聯苯(4-aminodiphenyl) 2) 聯苯胺(benzidine) 3) 4-氯鄰甲苯胺(4-chloro-o-toluidine) 4) 2-萘胺(2-naphthylamine) 5) 鄰氨基偶氮甲苯(2-aminoazotoluene) 6) 2-氨基-4-硝基甲苯(2-amino-4-nitrotoluene) 7) 對氯苯胺(p-chloroaniline) 8) 2,4-二氨基苯甲醚(2,4-diaminoanisole) 9) 4,4'-二氨基二苯甲烷 (4,4'-diaminodiphenylmethane) 10) 3,3'-二氯聯苯胺(3,3'-dichlorobenzidine) 11) 3,3'-二甲氧基聯苯胺 (3,3'-dimethoxybenzidine) 12) 3,3'-二甲基聯苯胺 (3,3'-dimethylbenzidine) 13) 3,3'-二甲基-4,4'-二氨基二苯甲烷 (3,3'-dimethyl-4,4'-diaminodiphenylmethane) 14) 3-氨基對甲苯甲醚 (p-克利酞)(p-cresidine) 15) 4,4'-次甲基-雙-(2-氯苯胺) [4,4'-methylene-bis-(2-chloroaniline)] 16) 4,4'-二氨基二苯醚(4,4'-oxydianiline) 17) 4,4'-二氨基二苯硫醚(4,4'-thiodianiline) 18) 鄰甲苯胺(2-toluidine) 19) 2,4'-二氨基甲苯(2,4-toluylenediamine) 20) 2,4,5-三甲基苯胺(2,4,5-trimethylaniline) 21) 鄰甲基苯胺(鄰氨基苯甲醚)(2-anisidine) 22) 2,4-二甲基苯胺(2,4-xylydine) 23) 2,6-二甲基苯胺(2,6-xylydine) 24) 4-氨基偶氮苯(4-aminoazobenzene)	GB 30585-2014 Cl. 5.3 & 6.7 <i>Test procedures for compliance testing:</i> For textile material: GB/T 17592-2011 (for determination of the first 23 amines listed on the left) GB/T 23344-2009 (for determination of 4-aminoazobenzene) For leather material: GB/T 19942-2019 (for determination of the first 23 amines listed on the left) GB/T 33392-2016 (for determination of 4-aminoazobenzene) Techniques used are GC-MSD and HPLC-DAD for all test methods listed above.
	重金屬總含量 Total heavy metal content	GB 30585-2014 Cl. 5.3 & 6.9 <i>Test procedures for compliance testing:</i> QB/T 4340-2012

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兒童鞋 (續上) Children's footwear (cont'd)	富馬酸二甲酯 Dimethyl fumarate (DMF)	GB 30585-2014 Cl. 5.3 & 6.10 <i>Test procedures for compliance testing:</i> GB/T 26713-2011
	N-亞硝基胺 N-nitrosamines	GB 30585-2014 Cl. 5.3 & 6.11 <i>Test procedures for compliance testing:</i> GB/T 24153-2009
	- N-亞硝基二甲胺 N-nitrosodimethylamine (NDMA) - N-亞硝基二乙胺 N-nitrosodiethylamine (NDEA) - N-亞硝基二丙胺 N-nitrosodipropylamine (NDPA) - N-亞硝基二丁胺 N-nitrosodibutylamine (NDBA) - N-亞硝基哌啶 N-nitrosopiperidine (NPIP) - N-亞硝基吡咯烷 N-nitrosopyrrolidine (NPYR) - N-亞硝基嗎啉 N-nitrosomorpholine (NMOR) - N-亞硝基-N-甲基-N-苯胺 N-nitroso-N-methyl-N-phenylamine (NMPHA) - N-亞硝基-N-乙基-N-苯胺 N-nitroso-N-ethyl-N-phenylamine (NEPHA)	
	鄰苯二甲酸酯 The content of phthalate	GB 30585-2014 Cl. 5.3 & 6.12 <i>Test procedures for compliance testing:</i> ISO/TS 16181-2011
	- 鄰苯二甲酸二丁酯 Dibutyl phthalate (DBP) - 鄰苯二甲酸丁基苄基酯 Benzyl butyl phthalate (BBP) - 鄰苯二甲酸二(2-乙基)己酯 Di-(2ethylhexyl) phthalate (DEHP) - 鄰苯二甲酸二異壬酯 Diisononyl phthalate (DINP) - 鄰苯二甲酸二辛酯 Di-n-octyl phthalate (DnOP) - 鄰苯二甲酸二異癸酯 Diisodecyl phthalate (DIDP)	

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布面童膠鞋 Children's canvas rubber footwear	<p>可萃取的重金屬鉛(Pb)、鎘(Cd)、砷(As) Extractable heavy metal Lead (Pb), Cadmium (Cd), Arsenic (As)</p> <p>Amine (Azo colourants) :</p> <ol style="list-style-type: none"> 1) 4-氨基聯苯(4-aminodiphenyl) 2) 聯苯胺(benzidine) 3) 4-氯-鄰甲苯胺(4-chloro-o-toluidine) 4) 2-萘胺(2-naphthylamine) 5) 鄰氨基偶氮甲苯(o-aminoazotoluene) 6) 2-氨基-4-硝基甲苯(2-amino-4-nitrotoluene) 7) 對氯苯胺(p-chloroaniline) 8) 2,4-二氨基苯甲醚(2,4-diaminoanisole) 9) 4,4'-二氨基二苯甲烷 (4,4'-diaminodiphenylmethane) 10) 3,3'-二氯聯苯胺(3,3'-dichlorobenzidine) 11) 3,3'-二甲氧基聯苯胺 (3,3'-dimethoxybenzidine) 12) 3,3'-二甲基聯苯胺 (3,3'-dimethylbenzidine) 13) 3,3'-二甲基-4,4'-二氨基二苯甲烷 (3,3'-dimethyl-4,4'-diaminodiphenylmethane) 14) 對甲酚定(p-cresidine) 15) 4,4-亞甲基-二-(2-氯苯胺) [4,4'-methylene-bis-(2-chloroaniline)] 16) 4,4'-氧化二苯胺(4,4'-oxydianiline) 17) 4,4'-硫化二苯胺(4,4'-thiodianiline) 18) 鄰甲苯胺(o-toluidine) 19) 2,4-二氨基甲苯(2,4-diaminotoulene) 20) 2,4,5-三甲基苯胺(2,4,5-trimethylaniline) 21) 鄰甲氧基苯胺(o-anisidine) 22) 2,4-二甲基苯胺(2,4-xyldine) 23) 2,6-二甲基苯胺(2,6-xyldine) <p>五氯苯酚(PCP)、2,3,5,6-四氯苯酚(TeCP) Pentachlorophenol (PCP), 2,3,5,6-Tetrachlorophenol (TeCP)</p>	<p>GB 25036-2010 Cl. 5.2 & 6.1.3 <i>Test procedures for compliance testing:</i> GB/T 17593.2-2007</p> <p>GB 25036-2010 Cl. 5.2 & 6.1.4 <i>Test procedures for compliance testing:</i> GB/T 17592-2006</p> <p>(Techniques used are GC-MSD and HPLC-DAD)</p> <p>GB 25036-2010 Cl. 5.2 & 6.1.5 <i>Test procedures for compliance testing:</i> GB/T 18414.2-2006</p>

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布面童膠鞋 (續上) Children's canvas rubber footwear (cont'd)	N-亞硝基胺 N-nitrosamines - N-亞硝基二甲胺 N-nitrosodimethylamine (NDMA) - N-亞硝基二乙胺 N-nitrosodiethylamine (NDEA) - N-亞硝基二丙胺 N-nitrosodipropylamine (NDPA) - N-亞硝基二丁胺 N-nitrosodibutylamine (NDBA) - N-亞硝基哌啶 N-nitrosopiperidine (NPIP) - N-亞硝基吡咯烷 N-nitrosopyrrolidine (NPYR) - N-亞硝基嗎啉 N-nitrosomorpholine (NMOR) - N-亞硝基-N-甲基-N-苯胺 N-nitroso-N-methyl-N-phenylamine (NMPhA) - N-亞硝基-N-乙基-N-苯胺 N-nitroso-N-ethyl-N-phenylamine(NEPhA)	GB 25036-2010 Cl. 5.2 & 6.1.6 <i>Test procedures for compliance testing:</i> GB/T 24153-2009

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膠鞋 Rubber shoes	<p>可萃取的重金屬鉛(Pb)、鎘(Cd)、砷(As) Extractable heavy metal Lead (Pb), Cadmium (Cd), Arsenic (As)</p> <p>Amine (Azo colourants) :</p> <p>1) 4-氨基聯苯(4-aminobiphenyl) 2) 聯苯胺(benzidine) 3) 4-氯-鄰甲苯胺(4-chloro-o-toluidine) 4) 2-萘胺(2-naphthylamine) 5) 鄰氨基偶氮甲苯(o-aminoazotoluene) 6) 2-氨基-4-硝基甲苯(2-amino-4-nitrotoluene) 7) 對氯苯胺(p-chloroaniline) 8) 2,4-二氨基苯甲醚(2,4-diaminoanisole) 9) 4,4'-二氨基二苯甲烷 (4,4'-diaminodiphenylmethane) 10) 3,3'-二氯聯苯胺(3,3'-dichlorobenzidine) 11) 3,3'-二甲氧基聯苯胺 (3,3'-dimethoxybenzidine) 12) 3,3'-二甲基聯苯胺 (3,3'-dimethylbenzidine) 13) 3,3'-二甲基-4,4'-二氨基二苯甲烷 (3,3'-dimethyl-4,4'-diaminodiphenylmethane) 14) 對甲酚定 (p-cresidine) 15) 4,4'-亞甲基-二-(2-氯苯胺) [4,4'-methylene-bis-(2-chloroaniline)] 16) 4,4'-氧化二苯胺(4,4'-oxydianiline) 17) 4,4'-硫化二苯胺(4,4'-thiodianiline) 18) 鄰甲苯胺(o-toluidine) 19) 2,4-二氨基甲苯胺(2,4-diaminotoluene) 20) 2,4,5-三甲基苯胺(2,4,5-trimethylaniline) 21) 鄰茴香胺(o-anisidine) 22) 2,4-二甲基苯胺(2,4-xylidine) 23) 2,6-二甲基苯胺(2,6-xylidine)</p> <p>五氯苯酚(PCP)、2,3,5,6-四氯苯酚(TeCP) Pentachlorophenol (PCP), 2,3,5,6-Tetrachlorophenol (TeCP)</p>	<p>GB 25038-2010 Cl. 5 & 6.3 <i>Test procedures for compliance testing:</i> GB/T 17593.2-2007</p> <p>GB 25038-2010 Cl. 5 & 6.4 <i>Test procedures for compliance testing:</i> GB/T 17592-2006</p> <p>(Techniques used are GC-MSD and HPLC-DAD)</p> <p>GB 25038-2010 Cl. 5 & 6.5 <i>Test procedures for compliance testing:</i> GB/T 18414.2-2006</p>

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膠鞋 (續上) Rubber shoes (cont'd)	N-亞硝基胺 N-nitrosamines - N-亞硝基二甲胺 N-nitrosodimethylamine (NDMA) - N-亞硝基二乙胺 N-nitrosodiethylamine (NDEA) - N-亞硝基二丙胺 N-nitrosodipropylamine (NDPA) - N-亞硝基二丁胺 N-nitrosodibutylamine (NDBA) - N-亞硝基哌啶 N-nitrosopiperidine (NPIP) - N-亞硝基吡咯烷 N-nitrosopyrrolidine (NPYR) - N-亞硝基嗎啉 N-nitrosomorpholine (NMOR) - N-亞硝基-N-甲基-N-苯胺 N-nitroso-N-methyl-N-phenylamine (NMPHA) - N-亞硝基-N-乙基-N-苯胺 N-nitroso-N-ethyl-N-phenylamine (NEPHA)	GB 25038-2010 Cl. 5 & 6.6 <i>Test procedures for compliance testing:</i> GB/T 24153-2009

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Leather materials in protective gloves	- Chromium (VI) content	ISO 21420:2020 Cl. 4.2a <i>Test procedures for compliance testing:</i> ISO 17075-1:2017 ISO 17075-2:2017
Metallic materials in protective gloves which could come into prolonged contact with the skin	- Release of nickel	ISO 21420:2020 Cl. 4.2b <i>Test procedures for compliance testing:</i> EN 1811:2011+A1:2015
Protective glove materials	- pH value	ISO 21420:2020 Cl. 4.2c <i>Test procedures for compliance testing:</i> For leather products: ISO 4045:2018 <excluding the following> Cl. 8.4 For other materials: ISO 3071:2020
Textile and leather materials in protective gloves	- Amine (Azo colourants) : 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'-methylenedi-o-toliodone 14) p-cresidine 15) 4,4'-methylene-bis-(2-chloroaniline) 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) 2,4-xylidine 23) 2,6-xylidine 24) 4-aminoazobenzene	ISO 21420:2020 Cl. 4.2d <i>Test procedures for compliance testing:</i> For leather products: ISO 17234-1:2020 (for determination of the first 23 amines listed on the left) ISO 17234-2: 2011 (for determination of 4-aminoazobenzene) For textile products: ISO 14362-1:2017 (for determination of the first 21 amines listed on the left) ISO 14362-3: 2017 (for determination of 4-aminoazobenzene) Techniques used are GC-MSD and HPLC-DAD for all test methods listed above.

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Protective gloves materials containing PU	- Dimethylformamide	ISO 21240:2020 Cl. 4.2e <i>Test procedures for compliance testing:</i> EN 16778:2016
Rubber or plastic materials in protective gloves that intended to come in direct contact with the skin	- Polycyclic aromatic hydrocarbons (PAHs) Benzo[a]pyrene Benzo[e]pyrene Benzo[a]anthracene Chrysene Benzo[b]fluoranthene Benzo[j]fluoranthene Benzo[k]fluoranthene Dibenzo[a,b]anthracene	ISO 21240:2020 Cl. 4.2f <i>Test procedures for compliance testing:</i> ISO 16190:2021
Metals	Cadmium content	Regulation (EC) No. 1907/2006 on REACH Annex XVII Item No 23 as amended by Commission Regulation (EC) No. 494/2011 and Corr. Netherlands Law Gazette 1999 No. 149 and Amd. in September 2000 No. 186 (Chemical Substances Act Cadmium Decree) Swedish Ordinance SFS 1985: 839 Switzerland Environmentally Hazardous Substances (Ordinance on Substances) Annex 4.11 for cadmium content <i>Test procedures for compliance testing:</i> In house method CD003
Paint and surface coating materials	Cadmium content	Regulation (EC) No. 1907/2006 on REACH Annex XVII Item No 23 as amended by Commission Regulation (EC) No. 494/2011 and Corr. Netherlands Law Gazette 1999 No. 149 and Amd. in September 2000 No. 186 (Chemical Substances Act Cadmium Decree) Swedish Ordinance SFS 1985: 839 Switzerland Environmentally Hazardous Substances (Ordinance on Substances) Annex 4.11 for cadmium content <i>Test procedures for compliance testing:</i> In house method CD002

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Plastic materials	Cadmium content	Regulation (EC) No. 1907/2006 on REACH Annex XVII Item No 23 as amended by Commission Regulation (EC) No. 494/2011 and Corr. Netherlands Law Gazette 1999 No. 149 and Amd. In September 2000 No. 186 (Chemical Substances Act Cadmium Decree) Swedish Ordinance SFS 1985: 839 Switzerland Environmentally Hazardous Substances (Ordinance on Substances) Annex 4.11 for cadmium content <i>Test procedures for compliance testing:</i> EN 1122:2001 Method B (wet decomposition) BS EN 1122: 2001 Method B (wet decomposition)
Products intended to come into direct and prolonged contact with the skin and piercing post assemblies	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 procedures for compliance testing:</i> BS EN 1811: 2011 + A1: 2015 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)	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 procedures for compliance testing:</i> BS EN 12472: 2020 & BS EN 1811:2011 + A1: 2015 EN 12472: 2020 & EN 1811:2011 + A1: 2015

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Spectacle frames	Release of nickel	BS EN ISO 12870: 2014 Cl. 4.2.3 and 8.8 EN ISO 12870: 2014 Cl. 4.2.3 and 8.8 ISO 12870: 2012 Cl. 4.2.3 and 8.8 <i><Excluding the following for the above 3 standards></i> Cl. 8.8.3 <i>Test procedures for compliance testing:</i> EN 12472:2005 + A1: 2009 & EN 16128:2011 EN 16128:2011 BS EN ISO 12870:2018 Cl. 4.2.3 and 5.2 EN ISO 12870: 2018 Cl. 4.2.3 and 5.2 ISO 12870:2016 Cl. 4.2.3 and 5.2 <i>Test procedures for compliance testing:</i> EN 16128:2015 <i><Excluding CL7 ></i> EN 12472:2005 + A1: 2009 & EN 16128:2015 <i><Excluding CL7 of EN 16128:2015 ></i>
Spectacle frames of sunglass	Release of nickel	ISO 12312-1: 2013+A1: 2015 Cl. 4.3 in conjunction with ISO 12870: 2012 Cl. 4.2.3 and 8.8 <i>Test procedures for compliance testing:</i> EN 16128:2011 EN 12472: 2005+A1: 2009 & EN 16128: 2011 EN ISO 12312-1: 2013+A1: 2015 Cl. 4.3 in conjunction with BS EN ISO 12870: 2018 Cl. 4.2.3 and 5.2 ISO 12312-1: 2013+A1: 2015 Cl. 4.3 in conjunction with ISO 12870: 2016 Cl. 4.2.3 and 5.2 <i>Test procedures for compliance testing:</i> EN 16128: 2015 <i><Excluding CL7 ></i> EN 12472: 2005 + A1: 2009 & EN 16128: 2015 <i><Excluding CL7 of EN 16128:2015 ></i>

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金屬材料製成的飾品 (不包括含銀飾品) Metallic Adornment (excluding silver containing adornment)	鎳釋放量 Release of nickel	GB 28480-2012 <i>Test procedures for compliance testing:</i> GB/T 19719-2005 GB/T 28485-2012
	六價鉻 Chromium (VI)	<i>Test procedures for compliance testing:</i> GB/T 28019-2011
Surface coating materials	有害元素的測定 (Determination of baneful elements): Total: As, Hg, Pb, Cd Soluble: As, Cd, Ba, Cr, Hg, Pb, Sb, Se	<i>Test procedures for compliance testing:</i> GB/T 28021-2011
	- Total lead content	Canada Consumer Product Safety Act (S.C. 2010, c. 21) Surface Coating Materials Regulations (SOR/2016-193) <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: Determination of Total Lead in Surface Coating Materials in Consumer Products (2017-07-27)
	- Total mercury content	Health Canada Product Safety Reference Manual Book 5 – Laboratory Policies and Procedures Part B: Test Methods Section C-07: Determination of Total Mercury in Surface Coating Materials, Applied Coatings and Cosmetic Samples by Direct Mercury Analyzer Wide Range (DMA 80 WR) (2019-10-15)
Cosmetic Products (Toner, after-bath powder, cream, nail polish for beauty purpose)	Tests for toxic elements : Arsenic, Cadmium, Lead, Mercury, Antimony, Copper	In-house method CS HM1-001 (ICP-OES)
Hot water bottles manufactured from rubber and PVC	- Migration of the elements Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium	BS 1970:2012 Clause 3

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Chinese Medicine 中藥		
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Proprietary Chinese medicines and Chinese herbal medicines	<p>Toxic elements: Arsenic, Cadmium, Lead, Mercury, Copper, Antimony, Tin, Chromium</p> <p>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, Endosulfan I, Endosulfan II, Endosulfan sulphate</p>	<p>In-house Method TCM HM1-001 (ICP-OES) In-house Method TCM HM2-001 (ICP-MS)</p> <p>In-house method TCM PEST1-002 (GC-MSD)</p>
Proprietary Chinese Medicines	<p>Microbiological tests :-</p> <p>- 微生物限度檢查法 Microbial Limit Test 細菌數 Aerobic bacteria count 黴菌與酵母菌數 Mold and Yeast count 大腸桿菌 <i>E. coli</i> 沙門菌 <i>Salmonella species</i> 銅綠假單胞菌 <i>Pseudomonas aeruginosa</i> 金黃色葡萄球菌 <i>Staphylococcus aureus</i></p> <p>- 微生物限度檢查法 Microbial Limit Test 細菌數 Aerobic bacteria count 黴菌與酵母菌數 Mold and Yeast count 大腸埃希菌 <i>E. coli</i> 沙門菌 <i>Salmonella</i> 銅綠假單胞菌 <i>Pseudomonas aeruginosa</i> 金黃色葡萄球菌 <i>Staphylococcus aureus</i> 大腸菌群 <i>Coliform</i> 梭菌 <i>Clostridium</i></p>	<p>中華人民共和國藥典2000年版一部附錄 XIII C Pharmacopoeia of the People's Republic of China 2000, Volume I, App. XIII C</p> <p>中華人民共和國藥典 2005 年版一部附錄 XIII C Pharmacopoeia of the People's Republic of China 2005, Volume I, App. XIII C</p>

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Proprietary Chinese Medicines	Microbiological tests :- (cont'd) - 微生物限度檢查法 Microbial Limit Test 細菌數 Aerobic bacteria count 黴菌與酵母菌數 Mold and Yeast count 大腸埃希菌 <i>E. coli</i> 沙門菌 <i>Salmonella</i> 銅綠假單胞菌 <i>Pseudomonas aeruginosa</i> 金黃色葡萄球菌 <i>Staphylococcus aureus</i> 大腸菌群 <i>Coliform</i> 梭菌 <i>Clostridium</i> 白色念珠菌 <i>Candida albicans</i>	中華人民共和國藥典2010年版一部附錄 XIIC (中文版) Pharmacopoeia of the People's Republic of China 2010, Volume I, App. XIII C (Chinese Edition)
Proprietary Chinese Medicines (Non-sterile products)	- Microbiological quality: - Microbial Enumeration tests - 需氧菌總數 Total Aerobic Microbial Count - 黴菌與酵母菌數 Total Combined Yeasts and Molds Count - Test for specified microorganisms - 金黃色葡萄球菌 <i>Staphylococcus aureus</i> - 銅綠假單胞菌 <i>Pseudomonas aeruginosa</i> - 大腸埃希菌 <i>Escherichia coli</i> - 沙門菌 <i>Salmonella</i> - 耐膽鹽革蘭陰性菌 Bile-Tolerant Gram-Negative Bacteria - 梭菌 <i>Clostridia</i> - 白色念珠菌 <i>Candida albicans</i>	中華人民共和國藥典2015年版四部通則 (中文版) 1107章 Pharmacopoeia of the People's Republic of China 2015, Volume IV (Chinese Edition) 1107 中華人民共和國藥典2015年版四部通則 (中文版) 1105章 Pharmacopoeia of the People's Republic of China 2015, Volume IV (Chinese Edition) 1105 中華人民共和國藥典2015年版四部通則 (中文版) 1106章 Pharmacopoeia of the People's Republic of China 2015, Volume IV (Chinese Edition) 1106

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Water and Wastewater	Physical Examination :-	
	- Colour	APHA 23e 2120 B <excluding> Cl. 1d and 1e
	- Dissolved Oxygen	APHA 23e 4500-OB & C
	- pH value	APHA 23e 4500-H ⁺ B
	- Total Suspended Solids dried at 103°C - 105°C	APHA 17e 2540D APHA 23e 2540D In-house method ENV-TSS-003
	- Conductivity	APHA 23e 2510 B
	- Turbidity	APHA 23e 2130 B
Water and Wastewater	Non-metallic Constituents :-	
	- Chloride	APHA 23e 4500-Cl ⁻ B
	- Total residual chlorine	APHA 23e 4500-Cl G
	- Free residual chlorine	APHA 23e 4500-Cl G
	- Nitrogen - Ammonia	APHA 23e 4500 NH ₃ H
	- Nitrogen - Nitrate	APHA 23e 4500 NO ₃ ⁻ I (with modification)
	- Nitrogen - Nitrite	APHA 23e 4500 NO ₂ ⁻ I (with modification)
Water and Wastewater	- Nitrogen - Nitrite + Nitrate	APHA 23e 4500 NO ₃ ⁻ I (with modification)
	Organic Pollutants :-	
	- Biochemical Oxygen Demand	APHA 23e 5210 B BS 6068, Section 2.63:1998
	- Chemical Oxygen Demand	APHA 23e 5220 B (Open reflux) In house method ENV-COD-002 (Closed reflux)
	- Oil and grease	APHA 23e 5520B

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Water and Wastewater (cont'd)	Organic Pollutants (cont'd) :-	
	- Anionic surfactant	APHA 23e 5540 B & C
	- Non-ionic surfactant	BS6068-Section 2.24:1986
	Trace metals : - (Dissolved and total recoverable)	
	- Antimony, Arsenic, Barium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Manganese and Zinc	In house method ENV-M-001 (ICP-MS)
	- Iron	In house method ENV-M-002 (ICP-OES)
Saline water	Physical Examination: -	
	- Total Suspended Solids dried at 103°C - 105°C	APHA 23e 2540D In-house method ENV-TSS-003
Soil and Sediment	TCLP Metals : (Toxicity Characteristic Leaching Procedures)	
	- Extraction procedure	USEPA SW-846 Method 1311 (Revision 0, July 1992)
	- Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Tin, Vanadium, Zinc	In-house method ENV-TCLP-002 (by ICP-OES) (by ICP-MS)

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Water and Wastewater (cont'd)	Microbiological tests:- - Total <i>Coliform</i> counts - Heterotrophic plate count (35°C) - <i>E. coli</i> count	DoE(1983) The Bacteriological Examination of Drinking Water Supplies, 1983 (Membrane Filtration Procedure: Sections 7.8, 7.9.4.1 Bacterial Confirmation: Section 7.9.4.3) DoE/DH/PHLS The Microbiology of Water (1994) Part 1 Drinking Water Section 7.5 & 7.7 (Membrane Filtration Method) APHA 22e 9215B (Pour Plate Method) APHA 23e 9215B (Pour Plate Method) DoE (1983) The Bacteriological Examination of Drinking Water Supplies, 1983 (Membrane Filtration Procedure: Sections 7.8, 7.9.4.2; Bacterial Confirmation: Section 7.9.4.4) DoE (1983) The Bacteriological Examination of Drinking Water Supplies, 1983 (Membrane Filtration Procedure: Sections 7.8, 7.9.4.2; Bacterial Confirmation: Section: in situ urease test) DoE/DH/PHLS The Microbiology of Water (1994) Part 1 Drinking Water Section 7.5 & 7.7 (Membrane Filtration Method followed by in situ urease test)
Water, Wastewater and cooling tower water	- Legionellae count including <i>Legionella Pneumophila</i> count	AS/NZS 3896: 1998 AS/NZS 3896: 1991 (Membrane Filtration method) AS 3896: 2017
Potable water and treated water	- Legionellae count including <i>Legionella Pneumophila</i> count	ISO 11731:2017(E) (Diect membrane filtration method)

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Collectate sampled by SAS Super 180TM Air Sampler	Microbiological tests:- Airborne Bacteria Count (adjusted number of colonies on agar plate) (30°C for 2 days)	In-house method FM_Air_ABC(SAS)

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Food 食品		
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Food containers (Ceramicware)	Toxicology tests :- - Leachable lead and cadmium	US FDA CPG Sec. 545.400 and CPG Sec. 545.450 Pottery (Ceramics) - Leachable Lead and Cadmium <i>Test procedures for compliance testing:-</i> AOAC Official Methods 973.32 (2005) AOAC Official Methods 973.82 (2005) European Communities Council Directive 84/500/EEC and amendment European Commission Directive 2005/31/EC EN 1388-1: 1995 BS EN 1388-1: 1996 DIN EN 1388-1: 1995 UK The Ceramic Ware (Safety) Regulations SI 1179 : 2006
Food containers (Glazed Ceramic and Glassware)	- Leachable lead and cadmium	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 (2014-01-06)
Food containers (Glazed Ceramic and Glassware)	- Leachable lead and cadmium	ISO 6486-1:2019
Food containers (Glazed Ceramic and Glassware)	- Leachable lead and cadmium	ISO 6486-2:1999 <i>Test procedure for compliance testing:</i> ISO 6486-1:1999
Food containers (Glazed Ceramic and Glassware)	- Leachable lead and cadmium	DIN 51032: 1986
Food containers (Silicate surfaces – Other than ceramicware)	- Leachable lead and cadmium	EN 1388-2:1995 BS EN 1388-2: 1996 DIN EN 1388-2: 1995
Food containers (Ceramic, glass, glass-ceramic, vitreous enamelware)	- Leachable lead and cadmium	BS 6748: 1986 + A1(2011)

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Food containers (Glazed ceramicware)	Toxicology tests :- (cont'd) - Leachable lead and cadmium	BS 4860: Parts 1 and 2: 1972
Food containers (Ceramic cookware)	- Leachable lead and cadmium	AOAC Official Methods 984.19 (2000) ISO 8391/1 – 1986 ISO 8391/2 – 1986
Food containers (ceramic tableware and cookware)	- Leachable lead and cadmium	Australian Commonwealth Consolidated Regulations - Customs (Prohibited Imports) Regulations 1956, Reg. 4E <i>Test procedures for compliance testing:-</i> BS 4860: Parts 1 and 2: 1972
Food containers (lip & rim areas of glass tumblers)	- Leachable lead and cadmium	ASTM C927 - 80 (2019)e1
Food containers (lip & rim areas for silicate surfaces)	- Leachable lead and cadmium	EN 1388-2: 1995 BS EN 1388-2: 1996 DIN EN 1388-2: 1995
Food containers (glass, ceramic and enamel ware)	- Leachable Cadmium and Lead	The specification and standards for foods, food additives, etc., Ministerial Announcement No. 370 of 1959, Part III "Implements, Containers, and Packaging" by Ministry of Health, Labour and Welfare with update of "Outline of the 31st July 2008 revision of the specifications for glass, ceramic and enameled equipment and containers which come into contact with food, based on the Food Sanitation Law JAPAN" <i>Test procedures for compliance testing:</i> Foodstuffs, Implements, Containers and Packaging, Specifications, Standards and Testing Methods for Toys, Detergents, JETRO January 2009 (based on the tentative English translation published by JETRO, January 2009) PART II - Standards and Testing Methods for Implements, Containers and Packaging. Section D-1

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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
<p>Food containers (Plastic products intended to come into direct contact with food)</p>	<p>Toxicology tests (cont'd):-</p> <p>- Overall migration test: test media:- Distilled water 3% acetic acid, simulant B 10% ethanol, simulant A 50% ethanol, simulant D1 95% ethanol or iso-octane: volatile test medium in substitute tests</p>	<p>Commission Regulation (EU) No. 10/2011, Article 12, paragraph 4 & 7 of Article 18 and Annex III, Chapter 3 of Annex V, as amended by Commission Regulation (EU) No. 2016/1416, Commission Regulation (EU) No. 2017/752, Commission Regulation (EU) No. 2019/37 and Commission Regulation (EU) No. 2020/1245 AS 2070: 1999, Cl. 4.1.1. (b)</p> <p><i>Test procedures for compliance testing:-</i> EN 1186-1: 2002 EN 1186-3: 2002 (Total Immersion Method, Method A) EN 1186-5: 2002 (Cell method: Type B) EN 1186-9: 2002 (Article filling method) EN 1186-14: 2002 (Substitute tests) German Official Compendium for Examination Methods, §35 LMBG B80.30-1 (EG), §64 LFGB B80.30-1 (EG)</p> <p><Excluding "Pouch Method" & "Alternative tests"></p>
	<p>Rectified olive oil</p>	<p>EN 1186-2: 2002 (Total Immersion Method) EN 1186-4: 2002 (Cell method: Type B) EN 1186-8: 2002 (Article filling method) EN 1186-10: 2002 (Modified extraction of olive oil)</p> <p><Excluding "Pouch Method" & "Alternative tests"></p>

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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
General food	Chemical composition:- - Total dietary fibre	AOAC Official Methods 985.29 (2005)
Flour	- Ash	AOAC Official Methods 923.03 (2005)
Meat	- Ash	AOAC Official Methods 920.153 (2005) and AOAC Official Methods 923.03 (2005)
Sugars and syrups	- Ash	AOAC Official Methods 900.02A (2005)
Meat	- Crude protein - Nitrogen	In-house method Food.011 (Block Digestion Method)
Cacao Products	- Fat	AOAC Official Methods 963.15 (2006)
Dried milk	- Fat	AOAC Official Methods 932.06 (2005)
Ice cream and frozen desserts	- Fat	AOAC Official Methods 952.06 (2005)
Milk	- Fat	AOAC Official Methods 989.05 (2005)
Flour	- Fat	AOAC Official Methods 922.06 (2005)
Meat and seafood	- Fat	AOAC Official Methods 948.15 (2005)
Animal feed	- Moisture	AOAC Official Methods 930.15 (2005)
Meat	- Moisture	AOAC Official Methods 950.46B (2008)
Flour	- Moisture	AOAC Official Methods 925.10 (2008)
Sugar	- Moisture	AOAC Official Methods 925.45B (2008) and AOAC Official Methods 920.175 (2006)
General foodstuff	- Sodium	In house method CTS-FD-102-2

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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
General foodstuff (excluding honey)	Chemical composition (cont'd):- - Sugars :- glucose, galactose, fructose, sucrose, maltose, lactose	In house method CTS-FD-217-2 (By HPLC-RI)
General foodstuff	- Saturated fatty acids (C _{4:0} , C _{6:0} , C _{8:0} , C _{10:0} , C _{12:0} , C _{14:0} , C _{15:0} , C _{16:0} , C _{17:0} , C _{18:0} , C _{20:0} , C _{22:0} , C _{24:0}) - Trans fatty acids (C _{14:1T} (9- <i>trans</i>), C _{16:1T} (9- <i>trans</i>), C _{18:1T} (total), C _{18:2TT} (9,12- <i>trans</i>), C _{18:2T} (9- <i>cis</i> ,12- <i>trans</i>), C _{18:2T} (9- <i>trans</i> ,12- <i>cis</i>), C _{20:1T} (11- <i>trans</i>), C _{22:1T} (13- <i>trans</i>))	AOAC Official Method 996.06 (2008) (Hydrolytic extraction gas chromatography) AOAC Official Method 996.06 (2008) (Hydrolytic extraction gas chromatography)
General foodstuff	Preservatives :- - Benzoic acid, Sorbic acid, Salicylic acid, Methyl para-hydroxybenzoate, Ethyl para- hydroxybenzoate and Propyl para- hydroxybenzoate - Propionic acid	In house methods CTS-FD-220-1 (by HPLC/DAD) In-house method CTS-FD-211-1 (By GC/FID)
General foodstuff	- Boric acid - Sulphur dioxide Colouring matters :- - Sudan I, Sudan II, Sudan III, Sudan IV, Sudan Red 7B, Sudan Orange G, Dimethyl Yellow, Para Red, Rhodamine B	In-house method Food.002 (Titrimetric method) AOAC Official Method 975.32 (2005) AOAC Official Method 990.28 (2005) In house methods CTS-FD-214-4 (by HPLC/MS/MS)

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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
General foodstuff	Metallic contaminants :- Antimony, Arsenic, Cadmium, Chromium, Lead, Mercury and Tin	In house method CTS-FD-102-1 (By ICP/MS)
Drinking water	Antimony, Arsenic, Barium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel and Selenium	In house method CTS-FD-102-3 (By ICP/MS)
Meat and Aquatic Products	Veterinary drug residues :- - Malachite green and Leucomalachite green	In house methods CTS-FD-205-2 (by HPLC/MS/MS)
Honey, Meat and Aquatic Products	- Chloramphenicol	In house methods CTS-FD-223-1 (by HPLC/MS/MS)

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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
General foodstuff	Microbiological tests :- - Aerobic Plate Count	US FDA Bacteriological Analytical Manual Online (BAM online), Ch. 3, Jan. 2001 (Conventional Plate Count Method) AOAC Official Methods 990.12 (2005) (By 3M Petrifilm Method)
	- Coliform count	US FDA Bacteriological Analytical Manual Online BAM online), Ch. 4, July 2017 (By MPN Method) AOAC Official Methods 991.14 (2005) (By 3M Petrifilm Method)
	-E. coli count	AOAC Official Methods 991.14 (2005) (By 3M Petrifilm Method)
	-Enterobacteriaceae count	AOAC Official Methods 2003.01 (2005) (By 3M Petrifilm Method)
食品 Food	菌落總數測定 Aerobic plate count	GB 4789.2-2010
	大腸菌群計數 Enumeration of coliforms	GB 4789.3-2010 第一法 大腸菌群 MPN 計數法
	沙門氏菌檢驗 Salmonella	GB 4789.4-2010
	金黃色葡萄球菌檢驗 Staphylococcus aureus	GB 4789.10-2010 第二法 金黃色葡萄球菌 Baird-Parker 平板計數法
	大腸埃希氏菌計數 E. coli	GB 4789.38-2012 第一法 大腸埃希氏菌 MPN 計數法
Meat & Meals	- Salmonella	US FDA Bacteriological Analytical Manual Online BAM online), Ch. 5, December 2019
	- Staphylococcus aureus count	US FDA Bacteriological Analytical Manual Online (BAM online), Ch. 12, March 2016 (Direct Plate Count Method)

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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	
Selected Meat, Seafood and Poultry	Microbiological tests :- (cont'd)		
	- <i>Staphylococcus aureus</i> count	AOAC Official Methods 2003.11 (2005) (By 3M Petrifilm Method)	
	Selected Dairy Foods	- <i>Staphylococcus aureus</i> count	AOAC Official Methods 2003.08 (2005) (By 3M Petrifilm Method)
	Selected Types of Processed and Prepared Foods	- <i>Staphylococcus aureus</i> count	AOAC Official Methods 2003.07 (2005) (By 3M Petrifilm Method)
Dairy Products	- Aerobic Plate Count	AOAC Official Methods 986.33 (2005) (By 3M Petrifilm Method) AOAC Official Methods 989.10 (2005) (By 3M Petrifilm Method)	
	- <i>Coliform</i> count	US FDA Bacteriological Analytical Manual Online BAM online), Ch. 4, July 2017 (By MPN Method) AOAC Official Methods 986.33 (2005) (By 3M Petrifilm Method) AOAC Official Methods 989.10 (2005) (By 3M Petrifilm Method)	
Water	- Total <i>Coliform</i> counts	DoE/DH/PHLS The Microbiology of Water (1994) Part 1 Drinking Water Section 7.5 & 7.7 (Membrane Filtration Method)	
	- <i>E. coli</i> count	DoE/DH/PHLS The Microbiology of Water (1994) Part 1 Drinking Water Section 7.7 (Membrane Filtration Method followed by full identification with biochemical tests)	

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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
<p>一次性使用衛生用品 Disposable Sanitary Products</p> <p>Cosmetics</p>	<p>Microbiological tests :-</p> <p>微生物衛生 (Microbiological Hygiene) 細菌菌落總數 (Total Plate Count) 大腸菌群 (<i>Coliform</i>) 金黃色葡萄球菌 (<i>Staphylococcus aureus</i>) 綠膿桿菌 (<i>Pseudomonas aeruginosa</i>) 溶血性鏈球菌 (<i>Hemolytic streptococci</i>) 真菌菌落總數 (Fungal Count)</p> <p>Microbiological quality:-</p> <p>- Test for specified microorganisms</p> <ul style="list-style-type: none"> - <i>Staphylococcus aureus</i> - <i>Pseudomonas aeruginosa</i> - <i>Escherichia coli</i> - <i>Salmonella</i> - Bile-Tolerant Gram-Negative Bacteria - <i>Clostridia</i> - <i>Candida albicans</i> <p>- Microbial enumeration test</p> <ul style="list-style-type: none"> - Total Aerobic Microbial Count - Total Combined Yeasts and Molds Count 	<p>GB 15979: 2002 < <i>Excluding the following</i> > App. C; testing of products with anti-bacterial properties and testing of “電話膜”.</p> <p>Personal Care Products Council (PCPC) Technical Guidelines-Microbiology Guidelines (2021) Section 12, Establishing Microbial Quality of Personal Care Products</p> <p>Guidelines on Microbiological Quality of the Finished Cosmetic Product, the SCCS notes of guidance for the testing of cosmetic ingredients and their safety evaluation, 9th Rev., 2015</p> <p><i>Test procedures for compliance testing:-</i> British Pharmacopoeia Volume V (2021) App. XVI B, B1 European Pharmacopoeia 10.0 edition (2019) Ch. 2.6.13 Japanese Pharmacopoeia Volume XVII (2016), Ch. 4.05 United States Pharmacopoeia – National Formulary (USP–NF) 2021 (11 May 2021), General Chapter <62></p> <p><i>Test procedures for compliance testing:-</i> British Pharmacopoeia Volume V (2021) App. XVI B, B2 European Pharmacopoeia 10.0 edition (2019) Ch. 2.6.12 Japanese Pharmacopoeia Volume XVII (2016), Ch. 4.05 United States Pharmacopoeia – National Formulary (USP–NF) 2021 (11 May 2021), General Chapter <61></p>

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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 and Personal Care Products	Microbiological tests (cont'd) :- Antimicrobial Effectiveness Testing: - - Test for specified microorganisms - <i>Escherichia coli</i> - <i>Pseudomonas aeruginosa</i> - <i>Staphylococcus aureus</i> - <i>Candida albicans</i> - <i>Aspergillus brasiliensis</i>	United States Pharmacopeia – National Formulary (USP–NF) 2021 (11 May 2021), General Chapter <51>
Cosmetics and Personal Care Products	Efficacy of Antimicrobial Preservation: - - Test for specified microorganisms - <i>Escherichia coli</i> - <i>Pseudomonas aeruginosa</i> - <i>Staphylococcus aureus</i> - <i>Candida albicans</i> - <i>Aspergillus brasiliensis</i>	British Pharmacopoeia Volume V (2021) App. XVI C European Pharmacopoeia 10.7 edition (2021) Ch. 5.1.3
Materials used in the construction of medical face mask	Performance requirements - Bacterial filtration efficiency	ASTM F2100-19 in conjunction with ASTM F2101-19
Medical face mask	Construction, design and performance requirements - Bacterial filtration efficiency - Microbial cleanliness (bioburden)	EN 14683: 2019 + AC: 2019 Cl. 5.2.1, 5.2.2, 5.2.5 and 5.2.7 in conjunction with EN 14683: 2019 + AC: 2019 Annex B EN 14683: 2019 + AC: 2019 Annex D and EN ISO 11737-1: 2018

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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
Liquefied Petroleum Gas (LPG)	Petroleum products :-	
	- Copper strip corrosion	ASTM D1838-21 (excluding sampling)
	- Residues	ASTM D2158-21
	- Determination of hydrocarbons in Liquefied Petroleum (LP) Gases and Propane/Propene mixtures by gas chromatography	ASTM D2163-14(19) (excluding sampling)
	- Hydrogen sulphide	ASTM D2420-13 (Reapproved 2018) (excluding sampling)
	- Sulfur by oxidative microcoulometry	ASTM D3246-15 (excluding sampling and with modification)
	- Physical properties (S.G.@ 60/60F, vapour pressure @ 37.8°C, density @ 15°C, Motor Octane Number)	ASTM D2598-21 (S.G.@ 60/60F, vapour pressure @ 37.8°C and Motor Octane Number are by calculation)
	- Oily residues	IP 427/97 (2004) (excluding sampling)
	- Water	In-house method SOP-M-Free Water
	Natural Gas (NG)	Analysis for Natural Gas and Similar Gaseous Mixtures by Gas Chromatography:
- nitrogen		
- methane		
- CO ₂		
- ethane		
- propane		
- iso-butane		
- n-butane		
- iso-pentane		
- n-pentane		
- hexanes plus		
Diesel fuel	Total sulphur	ASTM D2622-21
	Total sulphur	ISO 20884:2019
	FAME content	EN14078:2014

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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
Materials used in the construction of medical face mask	Physical tests: Performance requirements - Differential pressure - Sub-micron particulate filtration efficiency at 0.1 micron - Resistance to penetration by synthetic blood - Flame spread	ASTM F2100-21 in conjunction with EN 14683: 2019+AC: 2019 Annex C ASTM F2299/F2299M-03 (Reapproved 2017) ASTM F1862/F1862M-17 16 CFR Part 1610 <excluding the following> 1610.6(b)
Materials used in the construction of medical face mask	Performance requirements - Differential pressure - Sub-micron particulate filtration efficiency at 0.1 micron - Resistance to penetration by synthetic blood - Flame spread	ASTM F2100-19 in conjunction with EN 14683: 2019+AC: 2019 Annex C ASTM F2299/F2299M-03 (Reapproved 2017) ASTM F1862/F1862M-17 16 CFR Part 1610 <excluding the following> 1610.6(b)
Medical face mask	Construction, design and performance requirements - Breathability - Splash resistance	EN 14683: 2019 + AC: 2019 Cl. 5.1, 5.2.1, 5.2.3, 5.2.4 and 5.2.7 in conjunction with EN 14683: 2019 + AC: 2019 Annex C ISO 22609: 2004

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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
- Acetaminophen tablets	Physical and Chemical tests :- a. Assay b. Uniformity of dosage units (uncoated and film-coated tablets) c. Identification (Method A)	United States Pharmacopoeia 39, NF 34, 2016 United States Pharmacopoeia 39, NF 34, 2016 United States Pharmacopoeia 39, NF 34, 2016

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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 tests :- Microbiological quality	United States Pharmacopeia – National Formulary (USP–NF) 2021 (11-May-2021), General Chapter <1111>
	- Microbial enumeration test - Total Aerobic Microbial Count - Total Combined Yeasts and Molds Count	<i>Test procedures for compliance testing:-</i> United States Pharmacopeia – National Formulary (USP–NF) (11-May-2021),, General Chapter <61>
	- Test for specified microorganisms - <i>Staphylococcus aureus</i> - <i>Pseudomonas aeruginosa</i> - <i>Escherichia coli</i> - <i>Salmonella</i> - Bile-Tolerant Gram-Negative Bacteria - <i>Clostridia</i> - <i>Candida albicans</i>	<i>Test procedures for compliance testing:-</i> United States Pharmacopeia – National Formulary (USP–NF) 2021 (11-May-2021), General Chapter <62>
	Microbiological quality	European Pharmacopoeia 10.0 edition (2019) Ch. 5.1.4 (Microbiological Quality of Non-sterile Pharmaceutical Preparations and Substances for Pharmaceutical Use) British Pharmacopeia (2021) App.XVI D (Microbiological Quality of Non-sterile Pharmaceutical Preparations and Substances for Pharmaceutical Use)
	- Test for specified microorganisms - <i>Staphylococcus aureus</i> - <i>Escherichia coli</i> - <i>Pseudomonas aeruginosa</i> - <i>Clostridia</i> - <i>Candida albicans</i> - Bile-Tolerant Gram-Negative Bacteria - <i>Salmonella</i>	<i>Test procedures for compliance testing:-</i> European Pharmacopoeia 10.0 edition (2019) Ch. 2.6.13 British Pharmacopoeia Volume V (2021) App. XVI B1
	- Microbial enumeration test - Total Aerobic Microbial Count - Total Combined Yeasts and Molds Count	<i>Test procedures for compliance testing:-</i> European Pharmacopoeia 10.0 edition (2019) Ch. 2.6.12 British Pharmacopoeia Volume V (2021) App. XVI B2

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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 (cont'd)	Microbiological tests (cont'd) :- Microbiological quality	Japanese Pharmacopoeia Volume XVII (2016), Ch.12 Microbial Attributes of Non-sterile Pharmaceutical Products
	- Microbial enumeration tests - Total Aerobic Microbial Count - Total Combined Yeasts and Molds Count	<i>Test procedures for compliance testing:-</i> Japanese Pharmacopoeia Volume XVII (2016), Ch. 4.05
	- Test for specified microorganisms - <i>Staphylococcus aureus</i> - <i>Escherichia coli</i> - <i>Pseudomonas aeruginosa</i> - <i>Clostridia</i> - <i>Candida albicans</i> - Bile-Tolerant Gram-Negative Bacteria - <i>Salmonella</i>	<i>Test procedures for compliance testing:-</i> Japanese Pharmacopoeia Volume XVII (2016), Ch. 4.05
Substances, preparations and articles which, according to pharmacopoeia, are required to be sterile	Sterility Tests	United States Pharmacopoeia – National Formulary (USP–NF) 2021 (11-May-2021), General Chapter <71>
	Test for Sterility	European Pharmacopoeia 10.0 edition. (2019), Method 2.6.1 App XVIA British Pharmacopoeia (2021), App. XVI A
Liquid medicine, solid medicine, oils and oily solutions, and ointments and creams	Sterility Test	Japan Pharmacopoeia, Vol. XVII (2016), Supplement 1, Ch. 4.06.

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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
Furniture - Domestic seating - Outdoor seating for domestic use - Outdoor tables for domestic use	- Stability tests - Safety tests - Safety tests	BS EN 1022: 2005 < <i>Excluding the following</i> > Cl. 8 BS EN 581-1: 2006 BS EN 581-2: 2015 + AC: 2016 < <i>Excluding the following</i> > Cl. 6, 8.2 and Annex A BS EN 581-1: 2017 BS EN 581-2: 2015 + AC: 2016 < <i>Excluding the following</i> > Cl. 6, 8.2 and Annex A BS EN 581-1: 2006 BS EN 581-3: 2017 BS EN 581-1: 2017 BS EN 581-3: 2017
Polymer and polymer products - Hot water bottles manufactured from rubber and PVC	- Safety tests	BS 1970: 2012

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1/F, On Wui Centre, 25 Lok Yip Road, Fanling, New Territories, Hong Kong

香港新界粉嶺樂業路 25 號安滙中心一樓

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>Spectacles</p> <ul style="list-style-type: none"> - Lens in non-prescription sunglasses and fashion eyewear - Non-prescription sunglasses 	<ul style="list-style-type: none"> - Impact-resistance test - Optical requirements - Optical test methods - Physical requirements - Physical test methods 	<p>ANSI Z80.3-2018, clause 4.2</p> <p>BS EN ISO 12312-1: 2013 + A1: 2015 EN ISO 12312-1: 2013 + A1: 2015 ISO 12312-1: 2013 + A1: 2015 Cl. 5, 6, 8 and 13 <Excluding the following > for the above three standards Cl. 5.3.2.2 (test for photochromic filter), 5.3.4.1, 5.3.4.2, 5.3.5.3, 5.3.5.4, 6.2 and 8(b)</p> <p>BS EN ISO 12311: 2013 EN ISO 12311: 2013 ISO 12311: 2013 Cl. 7 and 8 <Excluding the following > for the above three standards Cl. 7.5, 7.6, 7.7, 7.10, 7.11 and 8.3</p> <p>BS EN ISO 12312-1: 2013 + A1: 2015 EN ISO 12312-1: 2013 + A1: 2015 ISO 12312-1: 2013 + A1: 2015 Cl. 4, 7, 9, 11, 12, 13 <Excluding the following > for the above three standards Cl. 4.3, 7.3, 7.4, 7.5 and 7.6</p> <p>BS EN ISO 12311: 2013 EN ISO 12311: 2013 ISO 12311: 2013 Cl. 6 and 9 <Excluding the following > for the above three standards Cl. 9.3, 9.4, 9.5, 9.7 and 9.10</p>

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Spectacles - Spectacle frame	- Physical requirements and test methods	BS EN ISO 12870: 2009 EN ISO 12870: 2009 ISO 12870: 2004 <Excluding the following > for the above three standards Cl. 4.2 and 4.10 BS EN ISO 12870: 2018 EN ISO 12870: 2018 ISO 12870: 2016 <Excluding the following > for the above three standards Cl. 4.2.2, 4.2.3, 4.2.4 and 4.10
- Sunglasses & fashion spectacles	- Optical requirements - Optical test methods - Physical requirements - Physical test methods	Australia Consumer Goods (Sunglasses and Fashion Spectacles) Safety Standard 2017 <i>in conjunction with following two standards</i> AS/ NZS 1067.1: 2016 Cl. 5, 6, 13 and 14 <Excluding the following > Cl. 5.3.2.4 (test for photochromic filter), 5.3.4.1, 5.3.4.2, 5.3.5.2.8, 5.3.5.3, 5.3.5.4 and 6.2 AS/ NZS 1067.2: 2016 Cl. 7 and 8 <Excluding the following > Cl. 7.5, 7.6, 7.7, 7.10, 7.11 and 8.3 AS/ NZS 1067.1: 2016 Cl. 4, 7, 9, 11, 12, 13 and 14 AS/ NZS 1067.2: 2016 Cl. 6 and 9

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Spectacles - Sunglasses & fashion spectacles (cont'd)	<ul style="list-style-type: none"> - Optical requirements - Optical test methods - Physical requirements - Physical test methods 	<p>AS/ NZS 1067.1: 2016 Cl. 5, 6, 8, 13 and 14 <i><Excluding the following ></i> Cl. 5.3.2.4 (test for photochromic filter), 5.3.4.1, 5.3.4.2, 5.3.5.2.8, 5.3.5.3, 5.3.5.4, 6.2 and 8(b)</p> <p>AS/ NZS 1067.2: 2016 Cl. 7 and 8 <i><Excluding the following ></i> Cl. 7.5, 7.6, 7.7, 7.10, 7.11 and 8.3</p> <p>AS/ NZS 1067.1: 2016 Cl. 4, 7, 9, 11, 12, 13 and 14 <i><Excluding the following ></i> Cl. 4.3, 7.4, 7.5 and 7.6</p> <p>AS/ NZS 1067.2: 2016 Cl. 6 and 9 <i><Excluding the following ></i> Cl. 9.4, 9.5, 9.7 and 9.10</p>

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Spectacles - Unmounted lens for non-prescription sunglasses	- Optical requirements	BS EN ISO 12312-1: 2013 + A1: 2015 EN ISO 12312-1: 2013 + A1: 2015 ISO 12312-1: 2013 + A1: 2015 Cl. 5, 8, 13 and Annex B <Excluding the following > for the above three standards Cl. 5.3.2.2 (test for photochromic filter), 5.3.4.1, 5.3.4.2, 5.3.5.3, 5.3.5.4, 8(b) and B.5
	- Optical test methods	BS EN ISO 12311: 2013 EN ISO 12311: 2013 ISO 12311: 2013 Cl. 7 and 8 <Excluding the following > for the above three standards Cl. 7.5, 7.6, 7.7, 7.10, 7.11 and 8.3
	- Physical requirements	BS EN ISO 12312-1: 2013 + A1: 2015 EN ISO 12312-1: 2013 + A1: 2015 ISO 12312-1: 2013 + A1: 2015 Cl. 4, 9, 13 and Annex B
	- Physical test methods	BS EN ISO 12311: 2013 EN ISO 12311: 2013 ISO 12311: 2013 Cl. 6 and 9
Other products - Fluid and gas lighter	Safety and performance tests	BS EN ISO 9994: 2006 + A1: 2008 EN ISO 9994: 2006 + A1: 2008 BS EN ISO 9994: 2019 EN ISO 9994: 2019 ISO 9994: 2018 <Excluding the following > for the above three standards Cl. 6.7.4.10, 6.10.4.3 and 6.10.4.4

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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 一般紡織品及成衣	Care performance tests :- - Dimensional stability to relaxation and felting - Dimensional stability to steaming - Dimensional stability to washing - Fiber fragment release during home laundering - Wash and wear performance - Appearance of crease in durable press fabrics after domestic washing and drying 評定耐久壓熨織物經家庭洗滌和乾燥後褶襉外觀 - Appearance of seams in durable press fabrics after domestic washing and drying 洗滌後接縫外觀平整度	Woolmark TWC-TM 31-2009 BS 4323: 1995 ISO 3005: 1978 AATCC TM135-2018t AATCC TM150-2018t BS EN 25077: 1994 ISO 5077: 2007 BS EN ISO 3759: 2011 ISO 3759: 2011 (for the above two standards using the following standards for specimen treatment: BS EN ISO 6330: 2012 <i><Excluding the following></i> cl. 5.1.3 ISO 6330: 2012 <i><Excluding the following></i> cl. 5.1.3 BS EN 26330: 1994 ISO 3175-2: 2017 <i><Excluding the following></i> cl. 9.2.9 method C, D & E AATCC TM212-2021 AATCC TM124-2018t GB/T 13770-2009 GB/T 13771-2009

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General textiles and garments 一般紡織品及成衣	Care performance tests :- (cont'd) - Assessing the appearance of apparel and other textile end products after domestic washing and drying 服裝及其他紡織最終產品經家庭洗滌和乾燥後外觀評估 - Assessing the appearance of durable press fabrics after domestic washing and drying 評定耐久壓熨織物經家庭洗滌和乾燥後外觀平整度 - Dimensional stability to washing and drying 洗滌和乾燥後尺寸變化測定 - Domestic washing and drying procedures for textile testing 紡織品家庭洗滌和乾燥程式 - Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change 測定尺寸變化的織物試樣和服裝的準備、標記及測量	ISO 15487: 2018 GB/T 19980-2005 GB/T 13769-2009 GB/T 8630-2013 GB/T 8629-2017 GB/T 8628-2013
Garments used adhesive interling 使用粘合襯服裝	- Assessment of performance after dry cleaning 耐乾洗測試方法	FZ/T 80007.3-2006
Wool textiles 毛紡織品	- Relaxation and felting shrinkage 鬆弛及氈化收縮	FZ/T 70009-2021
Wool garments (knitted) 毛針織成衣	- Angle of spirality 扭斜角	FZ/T 20011-2006

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General textiles and garments 一般紡織品及成衣	Chemical analysis :- - Free formaldehyde content 遊離甲醛含量 - Release formaldehyde content 釋放甲醛含量	BS EN ISO 14184-1: 2011 ISO 14184-1: 2011 GB/T 2912-1-2009 GB/T 2912-1-1998 JIS L1041-2011 (based on English version published in 2013-12) section 8.1 AATCC TM112-2020 BS EN ISO 14184-2: 2011 ISO 14184-2: 2011 GB/T 2912-2: 2009
Other Materials :- - Leather	- Formaldehyde content	ISO 17226-1: 2021 BS EN ISO 17226-1: 2021 ISO 17226-2: 2018 BS EN ISO 17226-2: 2019
- Leather and fur 皮革和毛皮	- Formaldehyde content 甲醛含量	GB 20400-2006 GB/T 19941.1-2019 GB/T 19941.2-2019
General textiles and garments 一般紡織品及成衣	- pH value pH 值	AATCC TM81-1996e2(2016)e BS EN ISO 3071: 2020 EN ISO 3071: 2020 ISO 3071: 2020 GB/T 7573-2009 GB/T 7573-2002 DIN EN 1413: 1998
Other Materials :- - Leather	- pH value	ISO 4045: 2018

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<p>Other Materials :- - PVC artificial leather 聚氯乙稀人造革</p> <p>Wool 毛紡織</p>	<p>Chemical analysis :- (cont'd)</p> <p>- Residual vinyl chloride monomer 氯乙稀單體</p> <p>- Extractable heavy metals and 可溶性重金屬</p> <p>- Other volatile substances 其他揮發物</p> <p>- Dichloromethane (DCM) soluble matter 二氯甲烷可溶性物質</p>	<p>GB 21550-2008(modified) <i>Test procedure for compliance testing:</i> GB/T 4615-2008 (modified method A using GCMS)</p> <p>GB 21550-2008</p> <p>GB 21550-2008</p> <p>FZ/T 20018-2010</p>

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General textiles and garments 一般紡織品及成衣	Colour fastness tests :- - Acid spot 耐酸斑色牢度 - Alkali spot 耐鹼斑色牢度 - Bleaching 耐漂白色牢度 - Burnt gas fumes - Chlorinated Water 耐氯化水色牢度 - Dry cleaning 耐乾洗色牢度 - Dye transfer in storage - Hot pressing 耐熱壓色牢度	BS EN ISO 105-E05: 2010 EN ISO 105-E05: 2010 ISO 105-E05: 2010 GB/T 5715-2013 BS EN ISO 105-E06: 2006 EN ISO 105-E06: 2006 ISO 105-E06: 2006 GB/T 5716-2013 BS EN 20105-N01: 1995 ISO 105-N01: 1993 GB/T 7069-1997 AATCC TM23-2015e (2020) ISO 105-G02: 1993 + Corr. 2 2009 AS/NZS 2001.4.5-1998 BS EN ISO 105-E03: 2010 DIN EN ISO 105-E03: 2010 ISO 105-E03: 2010 GB/T 8433-2013 AATCC TM132-2004e3(2013)e3 BS EN ISO 105-D01: 2010 DIN EN ISO 105-D01: 2010 ISO 105-D01: 2010 GB/T 5711-2015 CAN/CGSB 4.2 No. 29.1-M89 (R1997) JIS L0860-2008 (based on English version published in 2009-06) GB/T 5711-1997 AATCC TM163-2013 (2020)e AATCC TM133-2020 BS EN ISO 105-X11: 1996 DIN EN ISO 105-X11: 1996 ISO 105-X11-1994 GB/T 6152-1997

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<p>General textiles and garments 一般紡織品及成衣</p> <p>Specific Products :- - Footwear 鞋類 - uppers, linings and insocks 幫面、襯裡和內墊</p> <p>General textiles and garments 一般紡織品及成衣</p>	<p>Colour fastness tests :- (cont'd) - Light 耐人造光色牢度</p> <p>- Light and perspiration 耐人造光、汗復合色牢度</p> <p>- Perspiration 耐汗漬色牢度</p> <p>- Phenolic yellowing</p> <p>- Rubbing/crocking 耐摩擦色牢度</p> <p>- Rubbing 摩擦色牢度</p> <p>- Saliva 耐唾液色牢度</p>	<p>AATCC TM16.3-2020 option 3 BS EN ISO 105-B02: 2014 method 2 ISO 105 B02-2014 method 2 GB/T 8427-2019 Method 3 Woolmark TWC-TM 5-2008</p> <p>GB/T 14576-2009</p> <p>AATCC TM15-2013e BS EN ISO 105-E04: 2013 DIN EN ISO 105-E04: 2013 ISO 105-E04: 2013 GB/T 3922-2013 JIS L0848-2004 (based on English version published in 2004-10) Woolmark TWC-TM 174-2009</p> <p>BS EN ISO 105-X18: 2007 ISO 105-X18: 2007</p> <p>AATCC TM8-2016e AS 2001.4.3-1995 DIN EN ISO 105-X12: 2016-02 BS EN ISO 105-X12: 2016 ISO 105-X12: 2016 GB/T 3920-2008 DIN 54021: 1984 CAN/CGSB 4.2 No. 22-2004 (R2013) JIS L0849-2013 (based on English version published in 2013-08)</p> <p>QB/T 2882-2007</p> <p>GB/T 18886-2019</p>

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General textiles and garments 一般紡織品及成衣	Colour fastness tests :- (cont'd) - Sea water 耐海水色牢度 - Washing 耐洗色牢度 - Water 耐水色牢度 - Water spot 耐水斑色牢度	AATCC TM106-2009e(2013)e3 BS EN ISO 105-E02: 2013 DIN EN ISO 105-E02: 2013 ISO 105-E02: 2013 GB/T 5714-2019 CAN/CGSB 4.2 No. 21-M90 (R2013) AATCC TM61-2013e (2020) AS 2001.4.15-2006 < <i>Excluding the following</i> > Tests H, P, Q BS EN ISO 105-C06: 2010 test A, B, C, D, E ISO 105-C06: 2010 test A, B, C, D, E GB/T 12490-2014 BS EN ISO 105-C08: 2010 ISO 105-C08: 2010 BS EN ISO 105-C09: 2003 ISO 105-C09: 2001 + Amd. 1 2003 ISO 105-C10: 2006 GB/T 3921-2008 JIS L0844-2011 (based on English version published in 2013-01) method A1, A2, A3 Woolmark TWC-TM 193-2009 AATCC TM107-2013e2 BS EN ISO 105-E01: 2013 DIN EN ISO 105-E01: 2013 ISO 105-E01: 2013 GB/T 5713-2013 CAN/CGSB 4.2 No. 20-M89 (R2013) JIS L0846-2004 (based on English version published in 2004-10) Woolmark TWC-TM 6-2009 EN ISO 105-E07: 2010 ISO 105-E07: 2010 GB/T 5717-2013

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General textiles and garments	Colour measurement tests :- - Colour Difference - Instrumental assessment of the degree of staining of adjacent fabric - Instrumental assessment of change of colour for determination of grey scale rating - Instrumental determination of 1/1 standard depth of colour - Whiteness of textile	AATCC TM173-2009(2015)e2 ISO 105-J03: 2009 BS EN ISO 105-A04: 1999 EN ISO 105-A04: 1999 ISO 105-A04: 1989 BS EN ISO 105-A05: 1997 ISO 105-A05: 1996 / Cor 2: 2005 BS EN ISO 105-A06: 1997 ISO 105-A06: 1995 AATCC TM110-2015e2 BS EN ISO 105-J02: 2000
General textiles and garments 一般紡織品及成衣	Construction tests :- - Fabric weight 布重 - Fabric width - Threads per unit length 織物密度 - Weft knit, stitch density	ASTM D3776 - 20 option C BS EN 12127: 1998 ISO 3801: 1977 method 5 GB/T 4669-2008 method 5 JIS L1096-2010 (based on English version published in 2012-10) section 8.3 Woolmark TWC-TM13-2009 ASTM D3774 - 18 option B ASTM D3775 - 17e1 BS EN 1049-2: 1994 ISO 7211/2: 1984 method A, B AS 2001.2.5-1991 test C CAN/CGSB 4.2 No. 6-M89 GB/T 4668-1995 method A AS 2001.2.6-2001 test C ASTM D3887 - 96(2008) section 12 BS 5441: 1988 +A1: 2019 section 2, Cl. 9 CAN/CGSB 4.2 No. 7-M88

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General textiles and garments 一般紡織品及成衣	Construction tests :- (cont'd) - Yarn linear density a) woven and knit fabrics b) yarn in skein form	ASTM D1059 - 17 ISO 7211/5: 2020 Cl. 8.2 ASTM D1907 / D1907M - 12(2018) option 1 BS EN ISO 2060: 1995 ption 1 ISO 2060: 1994 option 1
Knitted fabrics 針織物	- Skewness and bow 緯斜和弓緯 - Stretch and recovery 拉伸彈性回覆率	GB/T 14801-2009 FZ/T 70006-2004
Wool fabrics (knitted) 毛針織物	- Cover factor 編織密度系數	FZ/T 70008-2012
Specific products:- - Children's upper outdoor wear	- Measurement of drawstrings	ASTM F1816 - 18
- Children's clothing	- Measurement of cords and drawstrings	BS EN 14682: 2014 JIS L4129-2015 (based on English verion published in 2016-05)
- Children's upper outdoor wear	- Standard safety size for drawstrings on children's upper wear 兒童上衣拉帶安全規格	GB/T 22702-2019
- Children's clothing	- Safety specifications for cords and drawstrings on children's clothing 童裝繩索和拉帶安全要求	GB/T 22705-2019
- Attached components on textile products 紡織製品附件	- Test method for sharpness 銳利性試驗方法	GB/T 31702-2015

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General textiles and garments 一般紡織品及成衣	Fabric performance tests :- - Abrasion resistance 耐磨試驗 a) Accelerator tester b) Flex abrasion tester c) Martindale tester 馬丁代爾法 d) Stoll flat abrasion tester - Absorbency of textile - Air permeability 透氣性 - Bursting strength (ball burst test) - Moisture regain 回潮率	AATCC TM93-2019 method A ASTM D3885 - 07a(2019) ASTM D4966 - 12(2016) BS 5690: 1991 BS EN 530: 2010 BS EN ISO 12947-2: 2016 BS EN ISO 12947-3: 1998 BS EN ISO 12947-4: 1998 Woolmark TM TWC-112-2009 JIS L1096-2010 (based on English version published in 2012-10) section 8.19.5 method E GB/T 21196.2-2007 < Excluding the following 不包括 > Cl. 7.5.1 and App. A.1 第 7.5.1 節及附錄 A.1 ASTM D3886 - 99(2015) AATCC TM79-2010e2(2018)e BS EN ISO 9237: 1995 EN ISO 9237: 1995 ISO 9237: 1995 ASTM D737 - 18 DIN 53887: 1986 BS 3424: Part 16: 1995 JIS L1096-2010 (based on English version published in 2012-10) section 8.26 method A GB/T 5453-1997 ASTM D6797 - 15 < Excluding the following > section 7.1 and 7.2 GB/T 9995-1997 < Excluding the following 不包括 > Cl. 8.4.1 第 8.4.1 節

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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 一般紡織品及成衣	Fabric performance tests :- (cont'd) - Odour 異味 - Oil repellency - Pilling resistance 起球試驗 a) Circular locus method 圓軌跡法 b) ICI Pilling Box 起球箱法 c) Martindale d) Modified Martindale method 馬丁代爾法 e) Random Tumbling - Snagging Resistance (Mace Test Method) - Soil release	GB 18401-2010 cl. 6.7 AATCC TM118-2020 ISO 14419: 2010 GB/T 19977-2014 GB/T 4802.1-2008 BS EN ISO 12945-1: 2020 ISO 12945-1: 2020 GB/T 4802.3-2008 JIS L1076-2012 (based on English version published in 2014-11) section 6 method A Woolmark TWC-TM 152-2009 ASTM D4970 / D4970M - 16 BS EN ISO 12945-2: 2020 ISO 12945-2: 2020 Woolmark TWC-TM 196-2009 GB/T 4802.2-2008 ASTM D3512 / D3512M - 16 JIS L1076-2012 (based on English version published in 2014-11) method D-3 CAN/CGSB 4.2 No. 51.2-M87 ASTM D3939 / D3939M - 13(2017) JIS L1058: 2011 (based on English version published in 2012-06) method A PD 6527: 1990 section 19 AATCC TM130-2018t

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General textiles and garments 一般紡織品及成衣	Fabric performance tests :- (cont'd) - Wicking (horizontal) - Wicking (vertical) - Solar UV Protective Properties - Weathering resistance to UV and moisture - Liquid moisture management 動態水份傳遞試驗 - Drying time (moisture analyser method) - Drying rate at absorbent capacity (air flow method) -Drying rate (Heated plate method) - Thermal resistance - Contact cool feeling coefficient - Thermal and evaporative resistance - Thermal and water vapour resistance 熱阻和濕阻的測定	AATCC TM198-2011e3(2020) AATCC TM197-2011e2(2018)e JIS L1907: 2010 (based on English version published in 2011-10) section 7.1.2 AATCC TM183-2020 AS/NZS 4399: 2017 AS 4399: 2020 BS EN 13758-1: 2002 + A1: 2006 BS EN 13758-2: 2003 + A1: 2006 AATCC TM186-2015e2 AATCC TM195-2011e2(2017)e2 GB/T 21655.2-2019 AATCC TM199-2013e(2018)e AATCC TM200-2017e AATCC TM201-2012(2014)e2 ASTM D1518 - 14 option 1 GB/T 35263-2017 ASTM F1868 - 17 BS EN ISO 11092: 2014 ISO 11092: 2014 GB/T 11048-2018

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General textiles and garments 一般紡織品及成衣	Fabric performance tests :- (cont'd) - Water vapour transmission - Aqueous Liquid Repellency - Water repellency (artificial shower) - Water repellency (spray rating) 表面抗濕性測定《沾水試驗》 - Water resistance (hydrostatic pressure) 抗滲水性《靜水壓法》 - Water resistance (impact penetration test) - Water resistance (rain test) - Water Vapour Permeability	AATCC TM204-2019 AATCC TM193-2007e4(2017)e2 ISO 23232: 2009 BS 5066: 1974 (1993) AATCC TM22-2017e option 2 BS EN 4920: 2012 ISO 4920: 2012 JIS L1092-2009 (based on English verion published in 2009-08) section 7.2 CAN/CGSB 4.2 No. 26.2-M94 GB/T 4745-2012 AATCC TM127-2017(2018)e option 2 ISO 811: 2018 GB/T 4744-2013 ASTM D751 - 19 section 41, 42, 43, 44 and 45 (Procedure A) AATCC TM42-2017e AATCC TM35-2018e ISO 22958: 2021 BS 7209: 1990 App. B ISO 15496: 2018 JIS L1099: 2012 (based on English version published in 2013-04)

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Feather and down 羽毛和羽絨	Feather and down analysis :- - Composition analysis - Composition labeling - Filling power - Net weight of filling - Oil content - Oxygen number - Turbidity - Testing methods for feather and down 羽絨羽毛檢驗方法 - Testing methods for washed feather and down 水洗羽絨羽毛檢驗方法	ASTM D4524 - 20 BS EN 12131: 2018 EN 12131: 2018 BS EN 12934: 2000 + Corr No. 1 EN 12934: 1999 BS EN 12130: 2018 EN 12130: 2018 BS EN 13088: 2018 EN 13088: 2018 BS EN 1163: 1997 EN 1163: 1996 BS EN 1162: 1997 EN 1162: 1996 BS EN 1164: 1999 EN 1164: 1998 GB/T 10288-2016 < <i>Excluding the following 不包括</i> > Cl. 5.9 第 5.9 GB/T 17685-2016 < <i>Excluding the following 不包括</i> > Cl. 7 第 7 章 FZ/T 80001-2002 < <i>Excluding the following 不包括</i> > Cl. 6, 7 and 11 第 6, 7 及 11 章

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General textiles and garments 一般紡織品及成衣	Fibre analysis :- - Fibre content (qualitative method) 纖維含量《定性方法》 - Fibre content (quantitative method - mechanical separation and chemical analysis) 纖維含量《機械分離及化學分析》	AATCC TM20-2013(2018)e <Excluding the following> R.I, density, drying twist test, stain test FZ/T 01057.1-2007 FZ/T 01057.2-2007 FZ/T 01057.3-2007 FZ/T 01057.4-2007 FZ/T 01057.5-2007 FZ/T 01057.6-2007 FZ/T 01057.8-1999 ASTM D276 - 12 <Excluding the following> section 24, 25, 26, 27, 34 and 35 ISO/TR 11827: 2012 <Excluding the following> Cl. 7.1.3, 7.2.3, 7.5, 7.6.3, 7.7 and 7.8 AATCC TM20A-2020 ASTM D629 - 15 <Excluding the following> method No. 7, annex A1 BS 4407: 1988 <Excluding the following> methods 13, 17 and 18 in Cl. 4 CAN/CGSB 4.2 No. 14-2005 < Excluding the following > Cl. 9 and 15 WOOLMARK TWC-TM 155-2009 European Council Directive 73/44/EEC European Council Directive 96/73/EC as amended by European Council Directive 2006/2/EC and European Council Directive 2007/4/EC <Excluding the following> method 12 and 15 Regulation (EU) No 1007/2011 of European Parliament and of the council of 27 September 2011 Annex VIII <Excluding the following> method 12 and 15, annex IX and X

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General textiles and garments 一般紡織品及成衣	Fibre analysis :- (cont'd) - Fibre content (quantitative method - mechanical separation and chemical analysis) 纖維含量《機械分離及化學分析》	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 1833-19: 2006 ISO 1833-20: 2018

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General textiles and garments 一般紡織品及成衣	Fibre analysis :- (cont'd) - Fibre content (quantitative method - mechanical separation and chemical analysis) 纖維含量《機械分離及化學分析》	GB/T 2910.1-2009 (Note: The above Part 1 standard should be used in conjunction with other parts of GB/T 2910 for particular fibre mixtures) GB/T 2910.2-2009 GB/T 2910.3-2009 GB/T 2910.4-2009 GB/T 2910.5-2009 GB/T 2910.6-2009 GB/T 2910.7-2009 GB/T 2910.8-2009 GB/T 2910.9-2009 GB/T 2910.10-2009 GB/T 2910.11-2009 GB/T 2910.12-2009 GB/T 2910.13-2009 GB/T 2910.14-2009 GB/T 2910.16-2009 GB/T 2910.17-2009 GB/T 2910.18-2009 GB/T 2910.20-2009 GB/T 2910.21-2009 GB/T 2910.22-2009 GB/T 2910.23-2009 GB/T 2910.24-2009 GB/T 2910.101-2009
	- Fibre content (quantitative method – physical analysis) 纖維含量《物理法》	FZ/T 01101-2008
Animal fibres, yarn and fabric 動物纖維與羊毛	- Identification of fibre content 纖維含量標識	FZ/T 01053-2007 GB/T 29862-2013
	- Fibre diameter 纖維直徑	ASTM D2130 - 13 WOOLMARK TWC-TM 24-2009 GB/T 10685-2007

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Cashmere, wool, specialty fibres and their blends 特種動物纖維與綿羊毛混合物	Fibre analysis :- (cont'd) - Fibre content (quantitative method - microscopic analysis) 纖維含量《定量分析-顯微投影法》	AATCC TM20A-2020 Cl. 14 ISO 17751-1: 2016 (Light microscope method) GB/T 16988-2013
Elastane fiber 氨綸纖維	- Fibre content (quantitative method - manual separation and chemical analysis) 纖維含量《定量分析-人工分離及化學分析》	FZ/T 01095-2002
Flax / cotton blended grey yarn 亞麻棉混紡本色紗綫	- Fibre content (quantitative method - microscopic analysis) 纖維含量《定量分析-顯微投影法》	FZ/T 30004-1996 appendix B FZ/T 30004-2009 SN/T 0759-1999
Quaternary fibre 四組分纖維混合物	- Fibre content (quantitative method - chemical analysis) 纖維含量《化學分析》	FZ/T 01026-2017
Ramie(flax hemp)cotton blended textile 麻棉混紡產品	- Fibre content (quantitative method - microscopic analysis) 纖維含量《定量分析-顯微投影法》	FZ/T 30003-2009 < Excluding the following 不包括 > Cl. 6.2 第 6.2 節
Silk and cashmere blend textile 蠶絲/羊絨混紡產品	- Fibre content (quantitative method - silk and cashmere blend textile) 纖維含量《定量分析-蠶絲/羊絨混紡產品》	FZ/T 01048-1997

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General textiles and garments 一般紡織品及成衣	Flammability tests :- - 45° angle test - Horizontal test - Surface flash - Vertical test	ASTM D1230 - 17 US 16 CFR Part 1610 (2008 edition) GB/T 14644-2014 ASTM D4151 - 18 BS 4569: 1983 BS EN ISO 6941: 2003 16CFR Parts 1615 and 1616 (DOCF 3 & 5) (2004 Edition)
Other Materials :- - Vinyl plastic film	- Flammability of vinyl plastic film	US 16 CFR Part 1611
Specific Products :- - Bed covers and pillows	- Ignitability by cigarette test	BS EN ISO 12952-1: 2010 EN ISO 12952-1: 2010 ISO 12952-1: 2010 BS EN ISO 12952- 2: 2010 EN ISO 12952-2: 2010 ISO 12952-2: 2010
- Camping tentage	- Vertical test	US IFAI (Industrial Fabric Association International) CPAI-84 (2021)
- Carpet and rugs	- Methenamine tablet test	US 16 CFR Parts 1630 and 1631 (DOCF 1 & 2)
- Sleeping bag	- Horizontal test	ASTM F1955 - 20 US IFAI (Industrial Fabric Association International) CPAI-75 (1976)
- Sleepwear	- Vertical test	BS 5722: 1984 BS 5438: 1976 test 3 BS 5651: 1978 cl. 6.5.2 BS EN 14878: 2007 AS/NZS 1249: 2014

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Specific Products :- (cont'd) - Textile Floor Coverings - Wearing apparel	Flammability tests :- (cont'd) - Hot metal nut method - Assessment and labelling - Vertical test - Surface burning time	BS 4790: 1987 + Amd. 1 and 2 BS 5287: 1988 EN 1103: 2005 < <i>Excluding the following</i> > dry clean method ISO 10047: 1993

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General textiles and garments 一般紡織品及成衣	Strength tests :- - Bursting strength (0-200 p.s.i.) - Bursting strength (hydraulic method) 頂破強力《彈性膜片法》 - Bursting strength (steel ball method) 頂破強力《鋼球法》 - Elasticity of fabrics (strip tests) - Seam slippage 縫子紕裂程度 - Seam strength 接縫強力 - Seam strength (Bursting method) 接縫強力《頂破法》 - Seam strength (Grab method) 接縫強力《抓樣拉伸法》 - Single yarn strength	ASTM D3786 / D3786M - 18 ISO 13938-2: 2019 BS EN ISO 13938-2: 2019 GB/T 7742.1-2005 GB/T 19976-2005 BS EN 14704-1: 2005 method A ASTM D434 - 95 JIS L1096-2010 (based on English version published in 2012-10) section 8.23 method B BS 3320: 1988 Amd. 6261: 90 (1995) BS EN ISO 13936-1: 2004 BS EN ISO 13936-2: 2004 GB/T 21294-2014 cl. 9.2.1 ASTM D1683 / D1683M - 17(2018) JIS L1093-2011 (based on English version published in 2013-02) BS EN ISO 13935-2: 2014 GB/T 21294-2014 cl. 9.2.2 and 9.2.3 FZ/T 01030-2016 method A < <i>Excluding the following</i> > overlock stitching method in app. A FZ/T 01031-2016 ASTM D2256 / D2256M - 21 < <i>Excluding the following</i> > section 10.2, 10.3, 11.2, 11.3, 11.4, 11.5, 11.6 ISO 2062: 2009 method A BS EN ISO 2062: 2009 method A

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General textiles and garments 一般紡織品及成衣	Strength tests :- (cont'd) - Stretch and Recovery - Tearing strength (Elmendorf) 撕破強力《沖擊擺錘法》 - Tearing strength (single rip tear method) 撕破強力《單縫隙褲形試樣法》 - Tearing strength (Tongue method) - Tearing strength (tongue tear (wing-rip) method) - Tensile strength (Breaking force by strip method) 斷裂強力《條樣法》 - Tensile strength (Grab method) 撕破強力《抓形法》 - Tear resistance (non-woven)	BS 4952: 1992 cl. 2.1, 2.2 and 2.4 ASTM D1424 - 21 JIS L1096-2010 (based on English version published in 2012-10) section 8.17.4 method D AS 2001.2.8-2001 CAN/CGSB 4.2 No.12.3-2005 (R2013) ISO 13937-1: 2000 Corr.1: 2004 GB/T 3917.1-2009 BS EN ISO 13937-2: 2000 EN ISO 13937-2: 2000 ISO 13937-2: 2000 GB/T 3917.2-2009 ASTM D2261 - 13(2017) <Excluding the following> section 9.2 BS EN ISO 13937-3: 2000 EN ISO 13937-3: 2000 ISO 13937-3: 2000 ASTM D5035 - 11(2019) GB/T 3923.1-2013 ISO 13934-1: 2013 BS EN ISO 13934-1: 2013 JIS L1096-2010 (based on English version published in 2012-10) section 8.14.1 method A ASTM D5034 - 21 JIS L1096-2010 (based on English version published in 2012-10) section 8.14.1 method B BS EN ISO 13934-2: 2014 ISO 13934-2: 2014 GB/T 3923.2-2013 BS EN ISO 9073-4: 2021 EN ISO 9073-4: 2021 ISO 9073-4: 2021

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<ul style="list-style-type: none"> - Garments used adhesive interling 使用粘合襯服裝 - Woven fabrics 機織物 Other Materials :- - Fabrics coated with rubber or plastics Specific Products - Zippers 	<p>Strength tests :- (cont'd)</p> <ul style="list-style-type: none"> - Peel off strength value 剝離強力 - Elongation at fixed stress 定力伸長 - Flexing resistance - Tear resistance - Tensile strength and elongation at break - Zipper strength 	<p>FZ/T 80007.1-2006</p> <p>FZ/T 01034-2008 cl. 8.3.1</p> <p>BS EN ISO 7854: 1997 method C</p> <p>ISO 4674-1: 2016</p> <p>ISO 1421: 2016</p> <p>ASTM D2061 - 07(2021) < <i>Excluding the following</i> > section 5.1, 33 to 51</p>

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Specific Products :- - Camping mattress (for single bed only) - Footwear 鞋類 - Footwear materials - heels - shanks - outsole 外底 - uppers and linings 圍條與鞋幫	Performance tests :- (cont'd) - Thermal resistance - Fatigue resistance - Specifications of footwear products 鞋類成品的要求 - Rockwell hardness of metallic materials (Type HR15N, HRA and HRC only) 金屬材料的硬度 (HR15N, HRA 及 HRC) - Longitudinal stiffness of shanks 皮鞋勾心縱向剛度 - Fatigue resistance 抗疲勞性 - Abrasion resistance of vulcanized rubber 硫化橡膠或熱塑橡膠的耐磨性能 - Density of rubber (vulcanized or thermoplastic) 硫化橡膠或熱塑橡膠的密度 - Hardness of rubber (vulcanized or thermoplastic) 硫化橡膠或熱塑橡膠的硬度 - Tensile strength of rubber (vulcanized or thermoplastic) 硫化橡膠或熱塑橡膠的拉伸應力 - Adhesion strength of fabric bonded with rubber (vulcanized or thermoplastic) 硫化橡膠或熱塑橡膠與織物的粘合強度 - Flex resistance	ASTM F3340 - 18 ISO 19956: 2004 GB 28011-2011 <Excluding the following 不包括> Cl. 8 and 9 第 8 及 9 節 GB/T 230.1-2018 QB/T 1813-2000 GB/T 3903.35-2008 GB/T 1689-2014 GB/T 533-2008 method A GB/T 531.1-2008 type A & D GB/T 528-2009 type 1 dumbell GB/T 532-2008 BS EN 13512: 2002 BS EN ISO 5402-1: 2017 ISO 17694: 2016

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Specific Products :- (cont'd) - Footwear 鞋類 (cont'd) - Footwear materials (cont'd) - uppers and linings(Leather) - Footwear 鞋類 - Children's footwear 兒童鞋 - Childrens canvas rubber footwear (shoes) 布面童膠鞋 - Rubber shoes 膠鞋 - Sport shoes 普通運動鞋 - Whole shoe	Performance tests :- (cont'd) - Flexibility and adhesion of finish - Specifications of footwear products - Specifications of footwear products - Specifications of footwear products - Specifications of footwear products 鞋類成品的要求 - Toe adhesion strength - Flex resistance of whole rubber shoe	ASTM D6182 - 00(2015) GB 30585-2014 GB25036-2010 < Excluding the following 不包括 > Cl. 5.6 and 7.3 第 5.6 及 7.3 節 GB25038-2010 HG/T 2017-2011 < Excluding the following 不包括 > Cl. 5 第 5 章 BS 5131-5.1: 1990 HG/T 2871-2008 method A

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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> <ul style="list-style-type: none"> - Protective clothing, protective gloves:- - Protective clothing (materials and seams of protective clothing) - Protective clothing materials - Protective clothing - Protective clothing - Enhanced visibility equipment for medium risk situations - Protective clothing for non professional use 	<p>Performance tests :-</p> <ul style="list-style-type: none"> - Protection against rain - Light blocking effect - Solar UV protective properties - Thermal resistance - Water vapour permeability - Electrostatic properties - Design - Dimensional change - Optical performance - Colour fastness - Design - Optical performance - Colour fastness 	<p>BS EN 343: 2019 EN 343: 2019</p> <p>AATCC TM203-2016e</p> <p>GB/T 18830-2009</p> <p>BS 4745: 2005 < Excluding the following > cl. 10.1</p> <p>ASTM E96 / E96M - 16 < Excluding the following > section 8 GB/T 21655.1-2008 < Excluding the following > cl. 7.1 第 7.1 節 GB/T 12704.1-2009 GB/T 12704.2-2009</p> <p>BS EN 1149-1: 2006 EN 1149-1: 2006</p> <p>EN 17353: 2020 BS EN 17353: 2020 <Excluding the following> for the above two standards Cl. 7.4.5, 7.4.6, 7.5.3, 8 and 9</p> <p>EN 1150: 1999 NF EN 1150: 1999 <Excluding the following> Cl. 7.4.5.3, 8, 9, 10</p>

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Specific Products :- (cont'd) - Protective clothing / protective gloves:- (cont'd) - Protective clothing (high visibility) - High visibility safety apparel - High visibility safety apparel - Retroreflector used in protective clothing	Performance tests :- (cont'd) - Design - Dimensional change - Mechanical properties - Physiological performance - Optical performance - Colour fastness - Design - Optical performance - Colorfastness - Dimensional change - Mechanical properties - Performance under wet conditions - Water vapor permeability - Design - Optical performance - Colourfastness - Dimensional change - Mechanical properties - Performance under wet conditions - Water vapour permeability - Optical performance	BS EN ISO 20471: 2013 + A1: 2016 EN ISO 20471: 2013 + A1: 2016 ISO 20471: 2013/Amd.1: 2016 < Excluding the following > For the above three standards Cl. 5.6.3 (test to ISO 13688: 1998), 8, 9 ANSI/ISEA 107-2020 < Excluding the following > Cl. 6.1, 7.4, 10.4.5.3, 10.5, 11, 12, 13, 14 CSA Z96-15 < Excluding the following > Cl. 5.7, 7.4.7, 8, 9, 10 EN 13356: 2001 BS EN 13356: 2001

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Textiles and Garments 紡織品及成衣		
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Specific Products :- (cont'd) - Protective clothing / protective gloves:- (cont'd) - Protective gloves	Performance tests :- (cont'd) - General requirement - Assessment of mechanical risks	BS EN 420: 2003 + A1: 2009 EN 420: 2003 + A1: 2009 < <i>Excluding the following</i> > For the above 2 standards Cl. 4.2 (for leather gloves), 4.3.3, 4.3.4, 7 ISO 21420: 2020 < <i>Excluding the following</i> > Cl. 4.4, 7 BS EN 388: 2016 + A1: 2018 EN 388: 2016 + A1: 2018 < <i>Excluding the following</i> > For the above 2 standards Cl. 4.2, 6.6 and 7 ISO 23388: 2018 < <i>Excluding the following</i> > Cl. 4.2, 6.6 and 7

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Specific Products :- (cont'd) - Textiles and Garment Products (GB, GB/T) - Textiles Products 紡織產品 - Infants and children wear 嬰幼兒及兒童紡織產品 - Cotton knitted underwear 棉針織內衣 - Clothes with fillings 棉服裝 - Down garments 羽絨服裝 - Knitted children's wear 針織兒童服裝 - Knitted school uniform 針織學生服 - Knitted sportswear 針織運動服 - Knitted T-shirt 針織 T 恤衫 - Men's suits and coats 男西服、大衣	Performance tests :- - Instruction for use of products of consumer interest – Instruction for use of textiles and apparel 紡織產品和服裝使用說明 - National general safety technical code 基本技術安全規範 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求	GB 5296.4-2012 GB 18401-2010 GB 31701-2015 < Excluding the following 不包括 > cl. 6.1, 6.2 and 6.4 第 6.1, 6.2 及 6.4 節 GB/T 8878-2014 GB/T 2662-2017 cl. 3.11, 3.12 and 4.4 GB/T 14272-2021 cl. 4.1, 4.3.3, 4.11, 5.1, 5.3, 5.4, 5.6, app. A, B, C, D GB/T 73045-2013 < Excluding the following 不包括 > cl. 4.4, 5.1, 6.1, 6.3, 7.2, 7.3 and 7.4 第 4.4, 5.1, 6.1, 6.3, 7.2, 7.3 及 7.4 節 GB/T 22854-2009 GB/T 22853-2019 < Excluding the following 不包括 > cl. 5.4, 6.1, 6.3, 7.2, 7.3 and 7.4 第 5.4, 6.1, 6.3, 7.2, 7.3 及 7.4 節 GB/T 22849-2014 GB/T 2664-2017 cl. 3.12 and 4.4

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Specific Products :- (cont'd) - Textiles and Garment Products (GB, GB/T) (cont'd) - Neckties 領帶 - Outdoor sportswear – water resistant garment 戶外運動服裝 - Silk garments 絲綢服裝 - Shirts and blouses 襯衫 - Trousers 西褲 - Washed garments 水洗整理服裝 - Women's suits and coats 女西服、大衣 - Woven children's clothing 機織兒童服裝 - Woven garments for infant 機織嬰幼兒服裝 - Woven garments for students 機織學生服	Performance tests :- (cont'd) - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求	GB/T 23314-2021 cl. 4.8, 5.4, app.A GB/T 32614-2016 < Excluding the following 不包括 > cl. 5.4, 6.1, 6.3, 7.2, 8.2, 8.3 and 8.4 第 5.4, 6.1, 6.3, 7.2, 8.2, 8.3 及 8.4 節 GB/T 18132-2016 cl. 4.12, 5.4 GB/T 2660-2017 cl. 3.11, 3.12, 4.4 GB/T 2666-2017 cl. 3.12, 4.4, app. A GB/T 22700-2016 cl. 4.10, 5.4, app. B GB/T 2665-2017 cl. 3.12, 4.4 GB/T 31900-2015 cl. 3.12, 4.4 GB 33271-2016 < Excluding the following 不包括 > Cl. 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11, 5.3, 5.4.6, 6 and 7 第 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11 5.3, 5.4.6, 6 及 7 節 GB/T 23328-2009

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Specific Products :- (cont'd) - Textiles and Garment Products (FZ/T) - Brassiere 文胸 - Brassiere 文胸 - Moulded bra 一體成型文胸 - Sports brassiere 運動文胸 - Woven brassiere 機織文胸 - Casual wear 單、夾服裝 - Children's clothing and student's wear 兒童服裝、學生服 - Infant's wear 嬰幼兒服裝 - Jackets 茄克衫 - Jeanswear 牛仔服裝	Performance tests :- (cont'd) - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求	FZ/T 73012-2017 < Excluding the following 不包括 > Cl. 5.4, 6.2, 7.1, 7.3 and 8 第 5.4, 6.2, 7.1, 7.3 及 8 節 FZ/T 73046-2020 cl. 5.2, 6.1, app.A FZ/T 74002-2014 < Excluding the following 不包括 > Cl. 5.4, 6.2, 7.1, 7.3, 8.2, 8.3 and 8.4 第 5.4, 6.2, 7.1, 7.3, 8.2, 8.3 及 8.4 節 FZ/T 81020-2014 < Excluding the following 不包括 > Cl. 4.3, 4.5, 4.6, 4.7, 5.2, 5.3, 6 and 7 第 4.3, 4.4, 4.5, 4.6, 4.7, 5.2, 5.3, 6 及 7 節 FZ/T 81007-2012 FZ/T 81003-2003 FZ/T 81014-2008 < Excluding the following 不包括 > Cl. 5.4.6 and 5.4.7 第 5.4.6 及 5.4.7 節 FZ/T 81008-2021 cl. 3.11, 4.4 FZ/T 81006-2017 cl. 4.11, 5.4, app. B, C

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Specific Products :- (cont'd) - Textiles and Garment Products (FZ/T) (cont'd) - Knitted products and wears - Cashmere knitting goods 羊絨針織品 - Printing cashmere knitting goods 印花羊絨針織品 - Knitted accessories 針織配飾 - Knitted cap 針織帽 - Knitted civil gloves 針織民用手套 - Knitted garment and adornment for Infant 嬰幼兒針織服飾 - Knitted homewear 針織家居服 - Knitted jeanswear 針織牛仔服裝 - Knitted scarf and shawl 針織圍巾披肩	Performance tests :- (cont'd) - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求	FZ/T 73009-2021 < Excluding the following 不包括 > Cl. 5.4, 6.3, 7, 8, 9, 10 and app.B 第 5.4, 6.3, 7, 8, 9, 10 節及附录 B FZ/T 24019-2012 < Excluding the following 不包括 > Cl. 6.2 第 6.2 節 FZ/T 73044-2012 < Excluding the following 不包括 > Cl. 6.1, 7.1, 8.2, 8.3 and 8.4 第 6.1, 7.1, 8.2, 8.3 及 8.4 節 FZ/T 73002-2016 cl. 3.5 and 4.4 FZ/T 73047-2013 < Excluding the following 不包括 > Cl. 4.3, 5.14, 5.2, 6.1, 6.3, 7.2, 7.3 and 7.4 第 4.3, 5.14, 5.2, 6.1, 6.3, 7.2, 7.3 及 7.4 節 FZ/T 73025-2019 < Excluding the following 不包括 > Cl. 5.4, 6.2, 7, 8 and 9 第 5.4, 6.2, 7, 8 及 9 節 FZ/T 73017-2014 FZ/T 73032-2017 < Excluding the following 不包括 > Cl. 5.4, 6.3, 7.1, 7.3 and 8 第 5.4, 6.3, 7.1, 7.3 及 8 節 FZ/T 73042-2011 cl. 4.7, 5.2 < Excluding the following 不包括 > Cl. 4.4, 5.1, 5.2, 6.1, 6.3, 7.2, 7.3 and 7.4 第 4.4, 5.1, 5.2, 6.1, 6.3, 7.2, 7.3 及 7.4 節

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Specific Products :- (cont'd) - Textiles and Garment Products (FZ/T) (cont'd) - Knitted products and wears (cont'd) - Knitted shirts 針織襯衫 - Knitted skirt suit 針織裙套 - Knitted sportswear 針織運動服 - Knitted sportswear 針織休閒服裝 - Knitted swimming suits 針織泳裝 - Knitted trousers 針織褲 - Knitted underwear 針織內衣 - Knitted constructive in-wear - elastic style 針織塑身內衣-彈力型 - Knitted shape wear - figured-style 針織塑身內衣 調整型 - Knitted thermal underwear 針織保暖內衣	Performance tests :- (cont'd) - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求	FZ/T 73043-2020 < Excluding the following 不包括 > Cl. 4.3, 5.1, 5.2, 5.3, 6 and 7 第 4.3, 5.1, 5.2, 5.3, 6 及 7 節 FZ/T 73026-2014 FZ/T 73007- 2002 FZ/T 73020-2019 < Excluding the following 不包括 > Cl. 5.4, 6.2, 7, 8 and 9 第 5.4, 6.2, 7, 8 及 9 節 FZ/T 73013-2017 < Excluding the following 不包括 > Cl. 4.3, 5.2, 6.1, 6.3 and 7 第 4.3, 5.2, 6.1, 6.3 及 7 節 FZ/T 73029-2019 < Excluding the following 不包括 > Cl. 6.3, 7.1, 7.2, 8.1, 8.3, 8.4 and 9 第 6.3, 7.1, 7.2, 8.1, 8.3, 8.4 及 9 節 FZ/T 73019.1-2017 < Excluding the following 不包括 > Cl. 5.4, 6.1, 6.2, 7.1 and 8 第 5.4, 6.1, 6.2, 7.1 及 8 節 FZ/T 73019.2-2020 < Excluding the following 不包括 > Cl. 6.3, 7.2, 8, 9 and 10 第 6.3, 7.2, 8, 9 及 10 節 FZ/T 73022-2019 < Excluding the following 不包括 > Cl. 4.4, 5.2.15, 6, 7 and 8 第 4.4, 5.2.15, 6, 7 及 8 節

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<p>Specific Products :- - Textiles and Garment Products (FZ) (cont'd) - Knitted products and wears (cont'd) - Knitted underwear (cont'd) 針織內衣 - Knitted underwear with chemical fibres 化纖針織內衣</p> <p>- Knitted workmanship sweater 針織工藝衫</p> <p>- Silk knitting garments 桑蠶絲針織服裝</p> <p>- Washed knitted garments 水洗整理針織服裝</p> <p>- Wool knitting goods 毛針織品</p> <p>- Low wool content and wool like knitting goods 低含毛混紡及仿毛針織品</p> <p>- Pajamas 睡衣套</p> <p>- Scarf - Scarf and shawl 機織圍巾披肩</p> <p>- Silk & filament yarn scarves 絲綢針織圍巾</p>	<p>Performance tests :- (cont'd)</p> <p>- Specifications of garment products 服裝成品的要求</p> <p>- Specifications of garment products 服裝成品的要求</p> <p>- Specifications of garment products 服裝成品的要求</p> <p>- Specifications of garment products 服裝成品的要求</p> <p>- Specifications of garment products 服裝成品的要求</p> <p>- Specifications of garment products 服裝成品的要求</p> <p>- Specifications of garment products 服裝成品的要求</p> <p>- Specifications of garment products 服裝成品的要求</p> <p>- Specifications of garment products 服裝成品的要求</p> <p>- Specifications of garment products 服裝成品的要求</p>	<p>FZ/T 73024-2014 < Excluding the following 不包括 > Cl. 4.4, 5.2, 6.3, 7.2, 7.3 and 7.4 第 4.4, 5.2, 6.3, 7.2, 7.3 及 7.4 節</p> <p>FZ/T 73010-2016 < Excluding the following 不包括 > Cl. 5.4, 6.2, 7.1, 7.2, 8.2, 8.3 and 8.4 第 5.4, 6.2, 7.1, 7.2, 8.2, 8.3 及 8.4 節</p> <p>FZ/T 43015-2011 < Excluding the following 不包括 > Cl. 6, 7 and 8 第 6、7 及 8 章</p> <p>FZ/T 73052-2015 < Excluding the following 不包括 > Cl. 5.4, 7.1, 8.2, 8.3 and 8.4 第 5.4, 7.1, 8.2, 8.3 及 8.4 節</p> <p>FZ/T 73018-2021 < Excluding the following 不包括 > Cl. 5.4, 6.3, 7, 8, 9 and 10 第 5.4, 6.3, 7, 8, 9 及 10 節</p> <p>FZ/T 73005-2021 < Excluding the following 不包括 > Cl. 4.4, 5.3, 6, 7, 8 and 9 第 4.4, 5.3, 6, 7, 8 及 9 節</p> <p>FZ/T 81001-2016 cl. 4.12, 5.4</p> <p>FZ/T 81012-2016 cl. 4.7, 5.2</p> <p>FZ/T 43014-2018 < Excluding the following 不包括 > Cl. 4.5, 5.2, 6 and 7 第 4.5, 5.2, 6 及 7 節</p>

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Textiles and Garments 紡織品及成衣

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Specific Products :- (cont'd) - Textiles and Garment Products (FZ/T) (cont'd) - Skirts and skirted suit 連衣裙、裙套 - Suits with no fusible interlining 非粘合襯西服 - Trench coats 風衣 - Woven products and wears - Woven belt 機織腰帶 - Woven cap 縫製帽 - Woven swimming wear 機織泳裝 - Textiles accessories (QB/T) - Handbag and knapsack 手提包 - Pencil bag 筆袋 - Wallet 票夾	Performance tests :- (cont'd) - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求 - Specifications of garment products 服裝成品的要求	FZ/T 81004-2012 FZ/T 81017-2012 < Excluding the following 不包括 > Cl. 6 and 7 第 6 及 7 章 FZ/T 81010-2018 cl. 3.11, 3.12, 4.4 FZ/T 63005-2019 < Excluding the following 不包括 > Cl. 4.4, 5, 6.9, 7, 8 and 9 第 4.4, 5, 6.9, 7, 8 及 9 節 FZ/T 82002-2016 cl. 3.5, 4.4 FZ/T 81021-2014 cl. 4.9, 5.4 QB/T 1333-2018 < Excluding the following 不包括 > Cl. 4.1.1, 4.2, 5.1, 5.2, 6 and 7 第 4.1.1, 4.2, 5.1, 5.2, 6 及 7 節 QB/T 2772-2017 < Excluding the following 不包括 > Cl. 6 and 7 第 6 及 7 節 QB/T 1619-2018 < Excluding the following 不包括 > Cl. 5.1, 5.2, 6.1, 6.2, 7 and 8 第 5.1, 5.2, 6.1, 6.2, 7 及 8

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Textiles and Garments 紡織品及成衣

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<p>Specific Products :- - Textiles accessories (cont'd) - Socks - Hosiery 襪子</p> <p>- Anti-embolism hosiery</p> <p>- Non-prescriptive graduated support hosiery</p> <p>- Graduated compression hosiery</p> <p>- Knitted sports socks 針織運動襪</p> <p>- Pressure socks 壓力襪</p>	<p>Performance tests :- (cont'd)</p> <p>- Specifications of garment products 服裝成品的要求</p> <p>- Compression, stiffness and labelling</p> <p>- Compression, stiffness and labelling</p> <p>- Compression, stiffness and labelling</p> <p>- Specifications of garment products 服裝成品的要求</p> <p>- Specifications of garment products 服裝成品的要求</p>	<p>FZ/T 73001-2016 < Excluding the following 不包括 > Cl. 5.3.2, 5.3.3, 6.1, 6.2.1, 6.2.2, 6.2.3, 6.2.5, 7.1, 8.3 and 8.4 第 5.3.2, 5.3.3, 6.1, 6.2.1, 6.2.2, 6.2.3, 6.2.5, 7.1, 8.3 及 8.4 節</p> <p>BS 7672: 1993</p> <p>BS 7563: 1999</p> <p>BS 661210: 2018</p> <p>FZ/T 73037-2019 < Excluding the following 不包括 > Cl. 5.3, 6.1, 6.2, 6.4.8, 7.1, 7.3, 7.4 and 8 第 5.3, 6.1, 6.2, 6.4.8, 7.1, 7.3, 7.4 及 8 節</p> <p>FZ/T 73031-2009 < Excluding the following 不包括 > Cl. 5.2, 5.3.3, 6.1, 6.2, 7.1.1, 7.1.2.1, 8.2, 8.3 and 8.4 第 5.2, 5.3.3, 6.1, 6.2, 7.1.1, 7.1.2.1, 8.2, 8.3 及 8.4 節</p>

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Textiles products	Microbiological test:- Textiles – Determination of antibacterial activity and efficacy on textile products	JIS L 1902:2015 (Quantitative test – Absorption method only) Type of bacteria: <i>Staphylococcus aureus</i> and <i>Klebsiella pneumoniae</i> only

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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 and other articles intended for use by children – paint and other similar surface-coating materials	Chemical tests :- - 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 and 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)
Children's metal products	- 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

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Toys and childcare articles	Chemical tests :- (cont'd) - Dibutyl Phthalate (DBP) - Di-(2ethylhexyl) phthalate (DEHP) - Benzyl Butyl Phthalate (BBP) - Di-n-octyl phthalate (DnOP) - Diisononyl phthalate (DINP) - Diisodecyl phthalate (DIDP) - Dibutyl Phthalate (DBP) - Di-(2ethylhexyl) phthalate (DEHP) - Benzyl Butyl Phthalate (BBP) - Diisobutyl phthalate (DIBP) - Diisononyl phthalate (DINP) - Di-n-pentyl phthalate (DPENP) - Di-n-Hexyl phthalate (DHEXP) - Dicyclohexyl phthalate (DCHP)	US Public Law 110 -314 Consumer Product Safety Improvement Act 2008 <i>Test Procedures for Compliance testing:</i> CPSC Test Method: CPSC-CH-C1001-09.3 Standard Operating Procedure for Determination of Phthalates, 1 April 2010 (Extraction and analysis method: EN14372 Cl. 6.3.2 (excluding gravimetric method)) 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 2018

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Toys and Children's Products 玩具及兒童產品		
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Toys – paint and similar surface-coating materials	Chemical tests :- (cont'd) - 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
Toys – substrate materials	- Migration of the elements Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium - Total lead content	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 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 Children's Metal Products (Including Children's Metal Jewelry), November 15, 2012 <Excluding the following> XRF spectrometry <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
Metallic toys or metallic toy components	- Migration of the elements Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium Extractable Cadmium	ASTM F963-17 Cl. 4.3.5.2 (2)(b) <i>Test Procedures for Compliance testing:</i> ASTM F963-17 Cl. 8.3.5 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

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Paint and surface coating materials and substrate materials of children's jewelry	Chemical tests :- (cont'd) Total Lead content	ASTM F2923-20 Cl. 5 <i>Test Procedures for Compliance testing:</i> For paint and surface coating materials: 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 For substrate materials: 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
Paint and surface coating materials of children's jewelry	- Soluble Antimony, Arsenic, Barium, Cadmium, Chromium, Mercury and Selenium	ASTM F2923-20 Cl. 8 <i>Test Procedures for Compliance testing:</i> ASTM F963-17 Cl. 8.3.2 – 8.3.4
Plastic & metal substrate materials of children's jewelry	- Screening of total Cadmium content	ASTM F2923-20 Cl. 9 <i>Test Procedures for Compliance testing:</i> For metal: ASTM F963-17 Cl. 8.3.1.1 – 8.3.1.3 in conjunction with CPSC-CH-E1001-08.3 <Excluding the following> XRF spectrometry For plastic materials: ASTM F963-17 Cl. 8.3.1.1 – 8.3.1.3 in conjunction with CPSC-CH-E1002-08.3 <Excluding the following> XRF spectrometry

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Plastic & metal substrate materials of children's jewelry	Chemical tests :- (cont'd)	
	- Soluble Cadmium	ASTM F2923-20 Cl. 9 <i>Test Procedures for Compliance testing:</i> For accessible plastic small parts: ASTM F963-17 Cl. 8.3.5 For accessible metallic small parts: ASTM F2923-20 Cl. 14.5.1 and CPSC Test Method: CPSC-CH-E1004-11 Standard Operating Procedure for Determining Cadmium (Cd) Extractability from Children's Metal Jewelry February 03, 2011 For accessible plastic and metallic non-small parts: ASTM F2923-20 Cl. 14.6
	- Release of nickel	ASTM F2923-20 Cl. 10 <i>Test Procedures for Compliance testing:</i> EN 1811: 2011 and EN 12472: 2005 + A1: 2009
Children's jewellery intended to come into direct and prolonged contact with skin and the piercing post assemblies		
Plasticised component of children's jewellery	- Phthalates content - Dibutyl Phthalate (DBP) - Di-(2ethylhexyl) phthalate (DEHP) - Benzyl Butyl Phthalate (BBP) - Diisobutyl phthalate (DIBP) - Diisononyl phthalate (DINP) - Di-n-pentyl phthalate (DPENP) - Di-n-Hexyl phthalate (DHEXP) - Dicyclohexyl phthalate (DCHP)	ASTM F2923-20 Cl. 11 <i>Test Procedures for Compliance testing:</i> CPSC Test Method: CPSC-CH-C1001-09.4 Standard Operating Procedure for Determination of Phthalates, January 2018

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<p>Toys, equipment and other products for use by a child in learning or play that have had a surface coating applied to them</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 Toys Regulations (SOR/2011-17)</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: Determination of Total Lead in Surface Coating Materials in Consumer Products (2017-07-27)</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 C-07: Determination of Total Mercury in Surface Coating Materials, Applied Coatings and Cosmetic Samples by Direct Mercury Analyzer Wide Range (DMA 80 WR) (2019-10-15)</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-03: Determination of Leachable Arsenic (As), Selenium (Se), Cadmium (Cd), Antimony (Sb) and Barium (Ba) in Applied Coatings (2018-08-01)</p>

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Toys and Children's Products 玩具及兒童產品

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兒童三輪車	Chemical tests :- (cont'd) - 特定可遷移元素 鉛，鎘，汞，鉻，砷，鋇，硒，錳	GB 14747-2006 4.1, 4.1.1 <i>Test Procedures for Compliance testing:</i> GB 6675-2003 + A1: 2005 Annex C
嬰兒學步車	- 特定可遷移元素 鉛，鎘，汞，鉻，砷，鋇，硒，錳	GB 14749-2006 Cl. 4.1.2 & 4.1.3 <i>Test Procedures for Compliance testing:</i> GB 6675-2003 + A1: 2005 Annex C
鉛筆、彩色鉛筆和繪圖用具	- 特定可遷移元素 鉛，鎘，汞，鉻，砷，鋇，硒，錳	GB 8771: 2007 <i>Test Procedures for Compliance testing:</i> GB 6675-2003 + A1: 2005 Annex C
學生用品	- 特定可遷移元素 鉛，鎘，汞，鉻，砷，鋇，硒，錳	GB 21027: 2007 Cl. 3.1 and 4.1 <i>Test Procedures for Compliance testing:</i> GB 6675-2003 + A1: 2005 Annex C
玩具 Toys	- 可遷移元素 - Migration of the elements 鉛，鎘，汞，鉻，砷，鋇，硒，錳 Lead, cadmium, mercury, chromium, arsenic, barium, selenium, antimony	GB 6675-2003 + A1: 2005 Annex C GB 6675.1-2014 Cl. 5.3.3, 5.3.4 and 5.3.5 (only for migration of elements for toy cosmetics) <i>Test Procedures for Compliance testing:</i> GB 6675.4-2014
	鄰苯二甲酸酯 The content of phthalate - 鄰苯二甲酸二丁酯 - Dibutyl phthalate (DBP) - 鄰苯二甲酸丁苄酯 - Benzyl butyl phthalate (BBP) - 鄰苯二甲酸二(2-乙基)己酯 - Di-(2ethylhexyl) phthalate (DEHP) - 鄰苯二甲酸二異壬酯 - Diisononyl phthalate (DINP) - 鄰苯二甲酸二正辛酯 - Di-n-octyl phthalate (DNOP) - 鄰苯二甲酸二異癸酯 - Diisodecyl phthalate (DIDP)	GB 6675.1-2014 Cl. 5.3.7 <i>Test procedures for compliance testing:</i> GB/T 22048-2015 method A

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Toys	Chemical tests (cont'd) :- - Migration of the elements Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium	AS/NZS 8124.3: 2021 (for dewaxing: Method A) ISO 8124-3: 2020 (for dewaxing: Method A)
Toys		Directive 2009/48/EC and amendments Council Directive (EC) 2017/738, Commission Directive (EU) 2018/725, Commission Directive (EU) 2019/1922 <i>Test Procedures for Compliance testing:</i> 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, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Strontium, Tin and Zinc Chromium (VI) Chromium (III) (by calculation)	Annex E (ICP-MS) Alternative method as documented in SOP HL-810-1 (IC-UV/VIS)
Category III toy materials: Scraped-off materials	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	Annex G (GC-MS)
	Aluminium, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Strontium, Tin and Zinc Chromium (VI) Chromium (III) (by calculation)	Annex E (ICP-MS) Alternative method as documented in SOP HL-810-1 (IC-UV/VIS)
	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	Annex G (GC-MS)

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Coloured toys	Chemical tests (cont'd) :- - Resistance to artificial saliva - Resistance to artificial perspiration	DIN 53160-1: 2010 DIN 53160-2: 2010
Toys made from elastomers	N-nitrosamines and N-nitrosatable substances	BS EN 71-12:2016 <i><Excluding the following></i> Clause 10.1 Finger paints
Toys and children's products	- Dibutyl Phthalate (DBP) - Di-(2ethylhexyl) phthalate (DEHP) - Benzyl Butyl Phthalate (BBP) - Di-n-octyl phthalate (DNOP) - Diisononyl phthalate (DINP) - Di-iso-decyl phthalate (DIDP)	ISO 8124-6: 2014 Method A
Toys and children's products	- Di-iso-butyl phthalate (DIBP) - Dibutyl Phthalate (DBP) - Di-(2ethylhexyl) phthalate (DEHP) - Benzyl Butyl Phthalate (BBP) - Di-n-octyl phthalate (DNOP) - Diisononyl phthalate (DINP) - Di-iso-decyl phthalate (DIDP)	ISO 8124-6: 2018 Method A (Solid sample only) Method C (Liquid sample only)

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	Chemical tests (cont'd):-	Japan Toy Safety Standard ST2016 Second Edition (2018.5.30) Part 3
All toys	Coloring matters	Cl. 1.1
Materials consisting chiefly of polyethylene and polyvinyl chloride (except parts on which coating is applied)	Heavy metals, arsenic, cadmium (excluding materials mainly composed of polyethylene); Consumption of potassium permanganate; Residue on evaporation	Cl. 1.2
Decalcomania, folded paper and rubber-made toys (excluding rubber pacifiers)	Heavy metals, arsenic	Cl. 1.3
Polyvinyl chloride resin coating material	Consumption of potassium permanganate, Residue on evaporation	Cl. 1.4
Paint coating material and polyvinyl chloride resin coating material (excluding the printing ink used for paper containers)	Migration of elements - Antimony, arsenic, barium, cadmium, chromium, lead, mercury, selenium	Cl. 1.5
Textile products used for toys	Formaldehyde	Cl. 1.6
Toys that employ ink and the like used for graphic instruments	Coloring matters; Migration of elements - Antimony, arsenic, barium, cadmium, chromium, lead, mercury, selenium	Cl. 1.8
Plasticized material in toys (polyvinyl chloride, polyurethane and rubber)	- Bis (2-ethylhexyl) phthalate, - Dibutyl phthalate - Butyl benzyl phthalate - Di-isononyl phthalate - Di-isodecyl phthalate - Di-n-octyl phthalate	Cl. 1.9 <Excluding the following> Cl. 1.9.3
Rubber pacifiers	Heavy metals, cadmium, lead, zinc, formaldehyde, phenol, residue on evaporation	Cl. 1.10
Metals used for toy (neither painted nor covered)	Migration of element - Lead	Cl. 1.11

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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
	- Chemical tests (cont'd):- - Heavy metals - Arsenic	Specifications and Standards for Foods, Food Additives, etc. Under the Food Sanitation Law (ABSTRACTS) JETRO April 2011, Part V "TOYS" <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, January 2009) Part III – Standards and Testing for Toys
Decals stickers	- Heavy metals - Arsenic	A-1
Origami paper	- Heavy metals - Arsenic	A-2
Rubber pacifiers	- Lead and Cadmium content - Heavy metals - Zinc - Formaldehyde - Phenol - Residue on evaporation	A-3 and Part II Section D Cl. 3 item (2) Rubber pacifier and artificial nipples
Coating of toys	- Cadmium, lead and Arsenic	A-4
Coating which contains polyvinyl chloride	- Potassium permanganate consumption - Evaporation residue	A-5
Parts which are made from polyvinyl chloride, not including the coatings	- Potassium permanganate consumption - Heavy metals - Cadmium - Evaporation residue - Arsenic	A-6

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	- Chemical tests (cont'd):-	Specifications and Standards for Foods, Food Additives, etc. Under the Food Sanitation Law (ABSTRACTS) JETRO April 2011, Part V "TOYS" <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, January 2009) Part III – Standards and Testing for Toys (cont'd)
Plasticized material in toys (polyvinyl chloride, polyurethane and Rubber)	- Bis(2-ethylhexyl) phthalate - Dibutyl Phthalate - Butyl benzyl phthalate - Di-isononyl phthalate - Di-isodecyl phthalate - Di-n-octyl phthalate	A-7 and A-8 <i>Test procedures for compliance testing:</i> Japan Toy Safety Standard ST2016 Second Edition (2018.5.30) Part 3 Cl. 2.10
Parts which are made from polyethylene, not including coatings	- Potassium permanganate consumption - Heavy metals - Evaporation residue - Arsenic	A-9
Metal jewelry toys, those with probability for infants or preschool children to swallow it.	- Soluble Lead	A-10
Manufacturing standards of toy	- Colouring agents	B-1

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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 operated toys	Electrical tests :- - Safety tests	AS/NZS ISO 8124.1: 2002 + Amd.1 + Amd.2 Annex A ASTM F963-17 Section 4.25 < <i>Excluding the following</i> > 4.25.10
Electric toys supplied at extra-low voltage	- Compliance inspection and safety tests	SNI IEC 62115: 2011 < <i>Excluding the following</i> > Cl. 11.1 (water resistance tests to other standard), 16 (component tests to other standards), 19.2 (burning tests to other standards), 20 (radiation tests); Annex C and E IEC 62115: 2017 AS/NZS 62115: 2018 BS EN IEC 62115: 2020 + A11: 2020 EN IEC 62115: 2020 + A11: 2020 < <i>Excluding the following</i> > for the above four standards Cl. 7.5, 9 (test to Annex D), 11 (water resistance tests to other standard), 13.8, 13.10, 18.2 (burning tests to other standards), 19.3, 19.E.2.1 (radiation tests for LED with wavelength $\lambda > 1000$ nm) 19.E.3, Annex C, D, I and J

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Electric toys 電玩具	Electrical tests :- 電性能測試 :- - Compliance inspection and safety tests - 安全測試	GB 6675.1-2014 Cl. 5.4 and GB 19865-2005 < <i>Excluding the following</i> > Cl. 11.1 (water resistance tests to other standard), 19.2 (burning tests to other standards), 20 (radiation tests), Annexes C and E GB 6675.1-2014 Cl. 5.4 及 GB 19865-2005 < <i>不包含</i> > Cl. 11.1 (按其他標準的防水測試), 19.2 (按其他標準的燃燒測試), 20 (輻射測試), 附錄 C 及 E

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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	Flammability tests :-	<p>16 CFR Parts 1610 and 1500.44 ASTM F963-17 Section 4.2</p> <p>BS EN 71-2: 2011 +A1: 2014 EN 71-2: 2011 +A1: 2014 <Excluding the following> for the above two standards Tests for flammable gases and flammable gels</p> <p>BS EN 71-2: 2020 EN 71-2: 2020 <Excluding the following> for the above two standards Tests for flammable gases and flammable gels</p> <p>SNI ISO 8124-2: 2010 <Excluding the following> Tests for flammable gases, flammable gels and highly flammable solids</p> <p>AS/NZS 8124.2: 2016 ISO 8124-2: 2014 <Excluding the following> for the above two standards Tests for flammable gases and flammable gels</p>
Toys		<p>Japan Toy Safety Standard ST2016 Second Edition (2018.5.30) Part 2 (based on English version provided by JTA in June 2018) <Excluding the following > Tests for flammable gases and flammable gels</p>

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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</p> <p>玩具</p> <p>Dolls, plush toys and soft toys</p>	<p>Flammability tests :- 燃燒性能測試 :-</p> <p>- Flammability of outer cover - Flammability of yarn - Flammability of hair or mane</p>	<p>GB 6675.1-2014 Cl. 5.2.1 and GB 6675.3-2014 <Excluding the following > Test for flammable gases, highly flammable solid and flammable gels</p> <p>GB 6675.1-2014 Cl. 5.2.1 及 GB 6675.3-2014 <不包含> 易燃氣體、高度易燃固體及易燃凝膠體</p> <p>Canada Toys Regulations (SOR/2011-17) (last amended on January 11 2019) 32 33 34 <Excluding the following> Tests for flammable gases and flammable gels</p>

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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
Aqueous liquids	Microbiological tests :- - Total <i>Coliform</i> counts - Heterotrophic plate count	APHA 22e 9221B (By MPN 5-tube Method) APHA 22e 9215B (By Pour Plate Method)
Aqueous liquids and play dough	- Microbial enumeration test - Total Aerobic Microbial Count - Total Combined Yeasts and Molds Count - Test for specified microorganisms - <i>Staphylococcus aureus</i> - <i>Escherichia coli</i> - <i>Pseudomonas aeruginosa</i> - <i>Clostridia</i> - <i>Candida albicans</i> - Bile-Tolerant Gram-Negative Bacteria - <i>Salmonella</i>	British Pharmacopoeia Volume V (2021) App. XVI B, B2 European Pharmacopoeia 10.0 edition (2019) Ch. 2.6.12 Japanese Pharmacopoeia Volume XVII (2016) Supplement I, Ch. 4.05 United States Pharmacopoeia – National Formulary (USP–NF) 2021 (11-May-2021), General Chapter <61> British Pharmacopoeia Volume V (2021) App. XVI, B1 European Pharmacopoeia 10.0 edition (2019) Ch. 2.6.13 Japanese Pharmacopoeia Volume XVII (2016) Supplement I, Ch. 4.05 United States Pharmacopoeia – National Formulary (USP–NF) 2021 (11-May-2021), General Chapter <62>
Toy aqueous liquids and play dough	Cleanliness of materials - Microbial enumeration test - Total Aerobic Microbial Count - Total Combined Yeasts and Molds Count - Test for specified microorganisms - <i>Staphylococcus aureus</i> - <i>Escherichia coli</i> - <i>Pseudomonas aeruginosa</i> - <i>Clostridia</i> - <i>Candida albicans</i> - Bile-Tolerant Gram-Negative Bacteria - <i>Salmonella</i>	ASTM F963-17 Cl. 4.3.6.3 and 8.4.1 <i>Test procedures for compliance testing:-</i> United States Pharmacopoeia – National Formulary (USP–NF) 2021 (11-May-2021), General Chapter <61> United States Pharmacopoeia – National Formulary (USP–NF) 2021 (11-May-2021), General Chapter <62>

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Toys	Physical and mechanical tests :- 機械及物理性能測試 :- - Safety requirements and test methods	ISO 8124-1: 2018 + A1: 2020 + A2: 2020 < Excluding the following > Cl. 4.8.2, 4.15.2 (Wheeled ride-on toys), 4.18.4.1, 4.21, 4.22.3 and 4.26c) AS/NZS ISO 8124.1: 2002 + Amd. 1:2007 + Amd. 2:2009 < Excluding the following > Cl. 4.15.2 (Wheeled ride-on toys), 4.20, 4.21.3, 4.25c) and Annex F (toys with earphones or headphones) AS/NZS ISO 8124-1: 2019 + A1: 2020 + A2: 2020 < Excluding the following > Cl. 4.8.2, 4.15.2 (Wheeled ride-on toys), 4.18.4.1, 4.21, 4.22.3 and 4.26c) SNI ISO 8124-1: 2010 < Excluding the following > Cl. 4.15.2 (wheeled ride-on toys), 4.20, 4.21.3, 4.25c) and 4.29
Toys	- Safety requirements and test methods	GB 6675.1-2014 Cl. 5.1.1 to 5.1.8, 5.1.9a), 5.1.10, 5.1.11, 5.7 and GB 6675.2-2014 <Excluding the following > Cl. 4.15.2(Wheeled ride-on toys), 4.20, 4.21.3 and 4.25 c)
玩具	- 安全規定及測試方法	GB 6675.1-2014 Cl. 5.1.1 to 5.1.8, 5.1.9a), 5.1.10, 5.1.11, 5.7 及 GB 6675.2-2014 <不包含> Cl. 4.15.2(有輪乘騎玩具), 4.20, 4.21.3 and 4.25 c)

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Toys	Physical and mechanical tests :- - Safety requirements and test methods	Japan Toy Safety Standard ST2016 Second Edition (2018.5.30) Part 1 Part 1 (based on English version provided by JTA in June 2018) <i><Excluding the following></i> Cl. 4.8.2, 4.15.2 (Wheeled ride-on toys), 4.15.4, 4.18.3.1, 4.22c) and 7 BS EN 71-1: 2014 + A1: 2018 EN 71-1: 2014 + A1: 2018 <i>< Excluding the following ></i> for the above two standards Cl. 4.11c), 4.11e), 4.15.1, 4.15.2, 4.15.5, 4.18 (test to EN 15649-3), 4.20.2.5 and 4.26
Toys	General Packaging Mechanical hazards Specific products	Canada Toys Regulations (SOR/2011-17) (last amended on January 11 2019) Section 3 Section 4 Section 7 to 18 Section 28 to 31, 37, 40 to 42 <i><Excluding the following></i> 29(c)
Kite strings	Identification of prohibited products	Canada Consumer Product Safety Act (S.C. 2010, c. 21) Schedule 2, item 9 (test to Cl. 4.13 of EN 71-1: 2011)

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Toys	Physical and mechanical tests :- Safety requirements Labeling requirements Instructional literature Producer's markings Test methods	ASTM F963-17 Section 4.1, 4.3.7, 4.5 to 4.24, 4.26 to 4.28, 4.30 to 4.41 < <i>Excluding the following</i> > Section 4.1 (examination of reprocessed materials), 4.6.2, 4.8.1, 4.15.6, 4.20.1 Section 5 Section 6 Section 7 Section 8
Toys	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 16 CFR 1511
Dive sticks	- Identification of banned toys	16 CFR 1500.18(a)(19) in conjunction with test methods specified in 16 CFR 1500.86(a)(7) or 16 CFR 1500.86(a)(8)
Projectile toys	- Requirement for projectile toys	New South Wales Fair Trading Regulation 2007 Division 14 using relevant clauses of AS/NZS ISO 8124.1: 2002

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Miscellaneous 雜類		
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Jet A-1 fuel	Petroleum Products: - (cont'd) - Corrosion: Corrosion, copper strip, classification max (2 hours at 100°C) - Stability: Thermal oxidation stability (JFTOT) - Contaminations: Existing gum contents Water separation characteristics - Incidental materials Fatty Acid Methyl Esters (FAME) - Conductivity: Electrical conductivity	ASTM D130-19 ASTM D3241-20c <i><excluding the following></i> Cl. 8, Annex A3 and A4 IP 540/08 (Reapproved 2019) ASTM D3948-20 ASTM D7224-20 ASTM D7797-18 ASTM D 2624-21a

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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

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<p>Electronic products and safety accessories 電子產品及安全附件</p> <p>- Power supply 電源</p> <p>- Power adapter for audio and video apparatus (0807) <Excluding the following></p> <p>- Apparatus using connection terminals having an open-circuit voltage of 15 kV d.c. or above</p> <p>- Apparatus having a mass of 7 kg or more</p> <p>- 音視頻設備配套的電源適配器 (0807) <不包括></p> <p>- 帶有直流開路電壓 15 kV 或以上連接端子的設備</p> <p>- 質量等於或大於 7 kg 的設備</p> <p>- Built-in power supply for a computer or server (0907) <Excluding the following></p> <p>- Power supply having a surge suppressor</p> <p>- Power supply having insulated winding wires for use in wound components without interleaved insulation</p> <p>- 計算機/服務器內置電源 (0907) <不包括></p> <p>- 帶有電湧抑制器的電源</p> <p>- 帶有繞組線為無需隔層絕緣的繞制組件提供絕緣的電源</p>	<p>All required tests as specified in CNCA-C08-01:2014</p> <p>- Safety tests</p> <p>- EMC tests</p> <p>CNCA-C08-01:2014 有關規定的所有檢測項目</p> <p>- 安全檢測項目</p> <p>- 電磁兼容檢測項目</p> <p>All required tests as specified in CNCA-C09-01: 2014</p> <p>- Safety tests</p> <p>- EMC tests</p> <p>CNCA-C09-01: 2014 有關規定的所有檢測項目</p> <p>- 安全檢測項目</p> <p>- 電磁兼容檢測項目</p>	<p>GB 8898-2011</p> <p>GB/T 13837-2012</p> <p>GB 17625.1-2012</p> <p>GB 8898-2011</p> <p>GB/T 13837-2012</p> <p>GB 17625.1-2012</p> <p>GB 4943.1-2011</p> <p>GB/T 9254-2008</p> <p>GB 17625.1-2012</p> <p>GB 4943.1-2011</p> <p>GB/T 9254-2008</p> <p>GB 17625.1-2012</p>

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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		
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Household and similar use appliances 家用和類似用途設備		
<ul style="list-style-type: none"> - Appliance for skin or hair care (0709) <Excluding the following> - Appliance that is inserted into a socket outlet - Appliance having a device with an 'off position' obtained by electronic disconnection - Appliance having a device that can be placed in the standby-mode - Appliance incorporating a protective electronic circuit - Appliance having an accessible part which is separated from live parts by a protective impedance - Appliance using rubber parts as supplementary insulation - Appliance using protective coatings on printed circuit boards 	<p>All required tests as specified in CNCA-C07-01: 2017</p> <ul style="list-style-type: none"> - Safety tests - EMC tests 	<p>GB 4706.1-2005 GB 4706.15-2008 GB 4343.1-2018 GB 17625.1-2012</p>
<ul style="list-style-type: none"> - 皮膚及毛髮護理器具 (0709) <不包括> - 插入輸出插座的器具 - 帶有通過電子斷開獲得斷開位置的開關的器具 - 帶有處於待機狀態開關的器具 - 裝有保護電子電路的器具 - 帶有通過保護阻抗與帶電部件隔開易觸及部件的器具 - 使用橡膠部件作為附加絕緣的器具 - 在印刷電路板使用保護塗層的器具 	<p>CNCA-C07-01: 2017 有關規定的所有檢測</p> <ul style="list-style-type: none"> - 安全檢測項目 - 電磁兼容檢測項目 	<p>GB 4706.1-2005 GB 4706.15-2008 GB 4343.1-2018 GB 17625.1-2012</p>

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Household and similar use appliances 家用和類似用途設備		
<ul style="list-style-type: none"> - Electrical appliance for heating liquid (0717) <Excluding the following> - Pressure cooker - Espresso coffee-maker - Appliance that is inserted into a socket outlet - Appliance having a device with an 'off position' obtained by electronic disconnection - Appliance having a device that can be placed in the standby-mode - Appliance incorporating a protective electronic circuit - Appliance having an accessible part which is separated from live parts by a protective impedance - Appliance using rubber parts as supplementary insulation - Appliance using protective coatings on printed circuit boards 	<p>All required tests as specified in CNCA-C07-01: 2017</p> <p>- Safety tests</p>	<p>GB 4706.1-2005 GB 4706.19-2008</p>
<ul style="list-style-type: none"> - 液體加熱器 (0717) <不包括> - 壓力鍋 - 蒸汽壓力咖啡壺 - 插入輸出插座的器具 - 帶有通過電子斷開獲得斷開位置的開關的器具 - 帶有處於待機狀態開關的器具 - 裝有保護電子電路的器具 - 帶有通過保護阻抗與帶電部件隔開易觸及部件的器具 - 使用橡膠部件作為附加絕緣的器具 - 在印刷電路板使用保護塗層的器具 	<p>CNCA-C07-01: 2017</p> <p>有關規定的所有檢測</p> <p>- 安全檢測項目</p>	<p>GB 4706.1-2005 GB 4706.19-2008</p>

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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
Household and similar use appliances 家用和類似用途設備		
- Electric fan (0702) <Excluding the following>	All required tests as specified in CNCA-C07-01: 2017	
- Duct fan	- Safety tests	GB 4706.1-2005 GB 4706.27-2008
- Fan intended to be used in tropical climates	- EMC tests	GB 4343.1-2018 GB 17625.1-2012
- Appliance that is inserted into a socket outlet		
- Appliance having a device with an 'off position' obtained by electronic disconnection		
- Appliance having a device that can be placed in the standby-mode		
- Appliance incorporating a protective electronic circuit		
- Appliance having an accessible part which is separated from live parts by a protective impedance		
- Appliance using rubber parts as supplementary insulation		
- Appliance using protective coatings on printed circuit boards		
- 電風扇 (0702) <不包括>	CNCA-C07-01: 2017 有關規定的所有檢測	
- 管道扇	- 安全檢測項目	GB 4706.1-2005 GB 4706.27-2008
- 在熱帶氣候下使用的風扇	- 電磁兼容檢測項目	GB 4343.1-2018 GB 17625.1-2012
- 插入輸出插座的器具		
- 帶有通過電子斷開獲得斷開位置的開關的器具		
- 帶有處於待機狀態開關的器具		
- 裝有保護電子電路的器具		
- 帶有通過保護阻抗與帶電部件隔開易觸及部件的器具		
- 使用橡膠部件作為附加絕緣的器具		
- 在印刷電路板使用保護塗層的器具		

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Household and similar use appliances 家用和類似用途設備		
- Rice cooker (0718) <Excluding the following>	All required tests as specified in CNCA-C07-01: 2017	
- Appliance having a device with an 'off position' obtained by electronic disconnection	- Safety tests	GB 4706.1-2005 GB 4706.19-2008
- Appliance having a device that can be placed in the standby-mode	- EMC tests	GB 4343.1-2018 GB 17625.1-2012
- Appliance incorporating a protective electronic circuit		
- Appliance having an accessible part which is separated from live parts by a protective impedance		
- Appliance using rubber parts as supplementary insulation		
- Appliance using protective coatings on printed circuit boards		
- 電飯鍋 (0718) <不包括>	CNCA-C07-01: 2017 有關規定的所有檢測	
- 帶有通過電子斷開獲得斷開位置的開關的器具	- 安全檢測項目	GB 4706.1-2005 GB 4706.19-2008
- 帶有處於待機狀態開關的器具		
- 裝有保護電子電路的器具	- 電磁兼容檢測項目	GB 4343.1-2018 GB 17625.1-2012
- 帶有通過保護阻抗與帶電部件隔離易觸及部件的器具		
- 使用橡膠部件作為附加絕緣的器具		
- 在印刷電路板使用保護塗層的器具		

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Unintentional radiator	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 Subpart B using test-methods specified in ANSI C63.4-2014
Intentional radiator	- 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 Subpart C using test-methods specified in ANSI C63.10-2013
Unlicensed national information infrastructure device without dynamic frequency selection	- 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 Subpart E using test-methods specified in ANSI C63.10-2013
Unlicensed national information infrastructure device with dynamic frequency selection	- 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 FCC KDB Publication 905462 D02 UNII DFS Compliance Procedures New Rules v02
Consumer ISM equipment	- Measurement of radiated emission 9 kHz to 40 GHz - Measurement of conducted emission 150 kHz to 30 MHz	47 CFR Part 18 using test-methods specified in FCC/OET MP-5: 1986

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<p>Licence-exempt radio apparatus: category I equipment</p> <p>Digital transmission system, frequency hopping system and licence-exempt local area network device with dynamic frequency selection</p>	<p>EMC tests:-</p> <p>Emission tests</p> <ul style="list-style-type: none"> - 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 - 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 	<p>RSS-210 Issue 10, December 2019 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: 2013</p> <p>RSS-247 Issue 2, February 2017 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: 2013</p>

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Audio, video and similar electronic apparatus - Active single or multiple speaker system with output power not exceeding 500 W - Audio power amplifier - Power adapter for audio and video apparatus	EMC tests:- Emission tests - Measurement of terminal disturbance voltages - 150 kHz to 30 MHz - Measurement of disturbance power - 30 MHz to 300 MHz - Measurement of radiated disturbances - 30 MHz to 1 GHz	GB 13837-2012
音頻、視頻及類似電子設備 - 總輸出功率在 500 W (有效值) 以下的單揚聲器和多揚聲器有源音箱 - 音頻功率放大器 - 音視頻設備配套的電源適配器	- 端子騷擾電壓測量 - 150 kHz 至 30 MHz - 騷擾功率測量 - 30 MHz 至 300 MHz - 輻射騷擾測量 - 30 MHz 至 1 GHz	GB 13837-2012
Household appliance - Appliance for skin or hair care - Electric fan - Vacuum cleaner - Rice cooker	- Measurement of terminal disturbance voltages - 9 kHz to 30 MHz - Measurement of disturbance power - 30 MHz to 300 MHz - Measurement of radiated disturbances - 30 MHz to 1 GHz	GB 4343.1-2018
家用電器 - 皮膚及毛髮護理器具 - 電風扇 - 真空吸塵器 - 電飯鍋	- 端子騷擾電壓測量 - 9 kHz 至 30 MHz - 騷擾功率測量 - 30 MHz 至 300 MHz - 輻射騷擾測量 - 30 MHz 至 1 GHz	GB 4343.1-2018

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<p>Electrical and electronic equipment having an input current up to 16 A for connection to a single-phase supply system of 220V, 230V or 240V at 50 Hz or 60 Hz</p> <p>用於接入單相 220V、230V 或 240V 50 Hz 或 60 Hz 供電系統而輸入電流不大於 16 A 的電氣和電子設備</p>	<p>EMC tests:-</p> <p>Emission tests</p> <p>- Harmonic current measurement</p> <p>- 諧波電流測量</p>	<p>GB 17625.1-2012 < <i>Excluding the following</i> > Cl. 4 (professional equipment), C.8, C.12, C.14</p> <p>GB 17625.1-2012 < <i>不包括</i> > Cl. 4 (專用設備), C.8, C.12, C.14</p>

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<p>Household appliances, electric tools and similar apparatus, single phase</p> <p>Industrial, scientific and medical radio-frequency equipment</p> <p>Sound and television broadcast receivers and associated equipment</p> <ul style="list-style-type: none"> - sound broadcast receiver - audio/video player with a signal source from storage media connector, docking connector or aux input - audio tape player/recorder - record player - laser disc player - audio amplifier - combination of the above equipment 	<p>EMC tests:-</p> <p>Emission tests</p> <ul style="list-style-type: none"> - Measurement of terminal disturbance voltage - 9 kHz to 30 MHz - Measurement of disturbance power - 30 MHz to 300 MHz - Measurement of terminal disturbance voltages - 9 kHz to 30 MHz - Measurement of radiated disturbances - 9 kHz to 18 GHz - Measurement of terminal disturbance voltage 150 kHz to 30 MHz - Measurement of disturbance power 30 MHz to 300 MHz - Measurement of radiated disturbances 30 MHz to 1000 MHz - Measurement of disturbance voltage at antenna terminals 30 MHz to 2150 GHz 	<p>AS CISPR 14.1: 2018 CISPR 14-1: 2020 EN IEC 55014-1: 2021</p> <p><i><Excluding the following ></i> for the above three standards Cl. A.1.9, A.1.10, A.1.11, A.1.12, A.1.13, A.1.20</p> <p>CISPR 11: 2015 + A1: 2016 + A2: 2019</p> <p><i>< Excluding the following ></i> Cl. 7.6.2.1</p> <p>AS/NZS CISPR 13: 2012 CISPR 13: 2009 EN 55013: 2013</p> <p><i><Excluding the following ></i> for the above three standards Cl. 5.5, 5.8 and 5.9, Annex A</p>

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Audio, video and similar electronic apparatus	Safety tests :- Compliance inspection and safety tests	EN 60065: 2014 < <i>Excluding the following</i> > Cl. 6, 7.2, 8.21, 9.1.1.2d), 10.4 (dielectric strength test higher than 5 kV peak), 12.1.2, 12.1.3, 16.3, 18, 19.6.2, Z1, Annex H, K and L IEC 60065: 2014 < <i>Excluding the following</i> > Cl. 6, 7.2, 8.21, 9.1.1.2d), 10.4 (dielectric strength test higher than 5 kV peak), 12.1.2, 12.1.3, 16.3, 18, 19.6.2, Annex H, K and L
Audio, video and similar electronic apparatus - Active single or multiple speaker system with output power not exceeding 500 W - Audio power amplifier - Power adapter for audio and video apparatus	- Compliance inspection and safety test	GB 8898-2011 < <i>Excluding the following</i> > Cl. 6, 7.2, 9.1.1.1d), 10.3 (dielectric strength test higher than 5 kV peak), 12.1.1, 12.1.2, 16.3, 18, 19.5.1, Annex H and K
音頻、視頻及類似電子設備 - 總輸出功率在 500 W (有效值) 以下的單揚聲器和多揚聲器有源音箱 - 音頻功率放大器 - 音視頻設備配套的電源適配器	- 安全測試	GB 8898-2011 < <i>不包括</i> > Cl. 6, 7.2, 9.1.1.1d), 10.3 (dielectric strength test higher than 5 kV peak), 12.1.1, 12.1.2, 16.3, 18, 19.5.1, 附錄 H 及 K

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<p>Household electrical appliances with rated voltage up to 250 V</p> <p>- General requirements</p>	<p>Safety tests :-</p> <p>- Compliance inspection and safety tests</p>	<p>BS EN 60335-1: 2012 + A11: 2014 EN 60335-1: 2012 + A11: 2014</p> <p>< <i>Excluding the following</i> > for the above two standards Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 25.25, 30.2.3 (burning tests to IEC 60695-11-10), 32 (measurement of EMF according to EN 50366 or EN 62233); Annex J and R</p> <p>IEC 60335-1: 2010 + A1: 2013 + A2: 2016</p> <p>< <i>Excluding the following</i> > Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 22.57, 25.25, 30.2.3 (burning tests to IEC 60695-11-10); Annex J, R and T</p> <p>(Note: The above Part 1 standard should be used in conjunction with specific product standard as detailed in the relevant Part 2 of BS EN 60335, EN 60335 or IEC 60335)</p>

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Household electrical appliances with rated voltage up to 250 V 額定電壓不高於 250 V 的家用電器 - General requirements - 通用要求	Safety tests :- - Compliance inspection and safety test - 安全測試	GB 4706.1-2005 <Excluding the following> Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 25.25, 30.2.3 (burning tests to GB/T 5169.16), Annex J and R (Note: The above standard should be used in conjunction with the product test standards as detailed in relevant Part 2 of GB 4706) GB 4706.1-2005 <不包括> Cl .8.1.4 (放電量測量), 15.1 (IPX3 至 IPX6 測試) , 19.11.4, 22.1 (IP5X 及 IP6X 測試), 22.32 (氧氣罐測試), 22.46, 25.25, 30.2.3 (按 GB/T 5169.16 的燃燒測試), 附錄 J 及 R (備注：上述標準應配合相關的 GB 4706 第 2 部分詳細要求使用)

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<p>Household electrical appliances with rated voltage up to 250 V</p> <p>- Appliance for heating liquid</p>	<p>Safety tests :-</p> <p>- Compliance inspection and safety tests</p>	<p>BS EN 60335-2-15: 2002 + A11: 2012 EN 60335-2-15: 2002 + A11: 2012</p> <p>< <i>Excluding the following</i> > for the above two standards Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 19.13 (tests for pressure cooker), 22.1 (tests for IP5X and IP6X), 22.7 (tests for pressure cooker and espresso coffee maker), 22.32 (oxygen bomb test), 22.46, 22.106, 22.107, 22.108, 22.109, 22.111, 25.25, 30.2.3 (burning tests to IEC 60695-11-10), 32 (measurement of EMF according to EN 50366 or EN 62233); Annex J and R</p> <p>IEC 60335-2-15: 2012 +A1: 2016</p> <p>< <i>Excluding the following</i> > Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 19.13 (tests for pressure cooker), 22.1 (tests for IP5X and IP6X), 22.7 (tests for pressure cooker and espresso coffee maker), 22.32 (oxygen bomb test), 22.46, 22.57 22.106, 22.107, 22.108, 22.109, 22.111, 25.25, 30.2.3 (burning tests to IEC 60695-11-10), Annex J, R and T</p>

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<p>Household electrical appliances with rated voltage up to 250 V</p> <p>- Appliance for skin or hair care</p>	<p>Safety tests :-</p> <p>- Compliance inspection and safety tests</p>	<p>BS EN 60335-2-23: 2003 +A2: 2015 EN 60335-2-23: 2003 + A2: 2015 < <i>Excluding the following</i> > for the above two standards Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 25.25, 30.2.3 (burning tests to IEC 60695-11-10), 32 (measurement of EMF according to EN 50366 or EN 62233); Annex J and R</p> <p>IEC 60335-2-23: 2003 + A1: 2008 + A2: 2012 < <i>Excluding the following</i> > Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 22.57, 25.25, 30.2.3 (burning tests to IEC 60695-11-10); Annex J, R and T</p>

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<p>Household electrical appliances with rated voltage up to 250 V 額定電壓不高於 250 V 的家用電器</p> <p>- Appliance for skin or hair care</p> <p>皮膚及毛髮護理器具</p>	<p>Safety tests :-</p> <p>- Compliance inspection and safety tests</p> <p>- 安全測試</p>	<p>GB 4706.15-2008 <Excluding the following> Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 25.25, 30.2.3 (burning tests to GB/T 5169.16), Annex J and R</p> <p>GB 4706.15-2008 <不包括> Cl. 8.1.4 (放電量測量), 15.1 (IPX3 至 IPX6 測試), 19.11.4 22.1 (IP5X 及 IP6X 測試), 22.32 (氧氣罐測試), 22.46, 25.25, 30.2.3 (按 GB/T 5169.16 的燃燒測試), 附錄 J 及 R</p>

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<p>Household electrical appliances with rated voltage up to 250 V</p> <p>- Battery charger</p>	<p>Safety tests :-</p> <p>- Compliance inspection and safety tests</p>	<p>BS EN 60335-2-29: 2004 + A2: 2010 EN 60335-2-29: 2004 + A2: 2010 < <i>Excluding the following</i> > for the above two standards Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 25.25, 30.2.3 (burning tests to IEC 60695-11-10), 32 (measurement of EMF according to EN 50366 or EN 62233); Annex J and R</p> <p>IEC 60335-2-29: 2016 < <i>Excluding the following</i> > Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 22.57, 25.25, 30.2.3 (burning tests to IEC 60695-11-10); Annex J, R and T</p>

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Electrical and Electronic Products 電氣及電子產品

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<p>Household electrical appliances with rated voltage up to 250 V</p> <p>- Deep fat fryer, frying pan and similar appliance</p>	<p>Safety tests :-</p> <p>- Compliance inspection and safety tests</p>	<p>BS EN 60335-2-13: 2010 + A11: 2012 EN 60335-2-13: 2010 + A11: 2012</p> <p>< Excluding the following > for the above two standards Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 25.25, 30.2.3 (burning tests to IEC 60695-11-10), 32 (measurement of EMF according to EN 50366 or EN 62233); Annex J and R</p> <p>IEC 60335-2-13: 2009 + A1: 2016</p> <p>< Excluding the following > Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 22.57, 25.25, 30.2.3 (burning tests to IEC 60695-11-10); Annex J, R and T</p>

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<p>Household electrical appliances with rated voltage up to 250 V</p> <p>- Electric fan</p>	<p>Safety tests :-</p> <p>- Compliance inspection and safety tests</p>	<p>BS EN 60335-2-80: 2003 + A2: 2009 EN 60335-2-80: 2003 + A2: 2009 < <i>Excluding the following</i> > for the above two standards Cl. 3.1.9 (tests for a duct fan), 5.7 (tests for a fan to be used in tropical climates), 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 19.101, 20.101 (test for hardness of fan blades), 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 25.25, 30.2.3 (burning tests to IEC 60695-11-10), 32 (measurement of EMF according to EN 50366 or EN 62233); Annex J and R</p> <p>IEC 60335-2-80: 2002 + A1: 2004 + A2: 2008 < <i>Excluding the following</i> > Cl. 3.1.9 (tests for a duct fan), 5.7 (tests for a fan to be used in tropical climates), 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 19.101, 20.101 (test for hardness of a fan blade), 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 22.57, 25.25, 30.2.3 (burning tests to IEC 60695-11-10); Annex J, R and T</p>



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Household electrical appliances with rated voltage up to 250 V 額定電壓不高於 250 V 的家用電器 - Electric fan - 電風扇	Safety tests :- - Compliance inspection and safety test - 安全測試	GB 4706.27-2008 <Excluding the following> Cl. 3.1.9 (tests for a duct fan), 5.7 (tests for a fan to be used in tropical climates), 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX), 19.11.4, 19.101, 20.101 (test for hardness of a fan blade), 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 25.25, 30.2.3 (burning tests to GB/T 5169.16), Annex J and R GB 4706.27-2008 <不包括> Cl. 3.1.9 (管道風扇的測試), 5.7 (熱帶氣候風扇的測試), 8.1.4 (放電量測量), 15.1 (IPX3 至 IPX6 測試), 19.11.4, 19.101, 22.1 (IP5X 及 IP6X 測試), 22.101 (扇葉硬度測試), 22.32 (氧氣罐測試), 22.46, 25.25, 30.2.3 (按 GB/T 5169.16 的燃燒測試); 附錄 J 及 R

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<p>Household electrical appliances with rated voltage up to 250 V</p> <p>- Grills, toasters and similar portable cooking appliances</p>	<p>Safety tests :-</p> <p>- Compliance inspection and safety tests</p>	<p>BS EN 60335-2-9: 2003 + A13: 2010 EN 60335-2-9: 2003 + A13: 2010</p> <p><i>< Excluding the following ></i> for the above two standards Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 25.25, 30.2.3 (burning tests to IEC 60695-11-10), 31 (salt mist test to IEC 60068-2-52), 32 (measurement of EMF according to EN 50366 or EN 62233); Annex J and R</p> <p>IEC 60335-2-9: 2008 + A1: 2012 + A2: 2016</p> <p><i>< Excluding the following ></i> Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 22.57, 25.25, 30.2.3 (burning tests to IEC 60695-11-10), 31 (salt mist test to IEC 60068-2-52); Annex J, R and T</p>

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Household electrical appliances with rated voltage up to 250 V 額定電壓不高於 250 V 的家用電器	Safety tests :- - Compliance inspection and safety test	GB 4706.14-2008 <Excluding the following> Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 25.25, 30.2.3 (burning tests to GB/T 5169.16), 31 (salt mist test to GB/T 2423.18), Annex J and R
- Oven - 廚房器具	- 安全測試	GB 4706.14-2008 <不包括> Cl. 8.1.4 (放電量測量), 15.1 (IPX3 至 IPX6 測試), 19.11.4 22.1 (IP5X 及 IP6X 測試), 22.32 (氧氣罐測試), 22.46, 25.25, 30.2.3 (按 GB/T 5169.16 的燃燒測試), 31 (按 GB/T 2423.18 的鹽霧測試) 附錄 J 及 R

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Household electrical appliances with rated voltage up to 250 V - Humidifier	Safety tests :- - Compliance inspection and safety tests	BS EN 60335-2-98: 2003 + A2: 2008 EN 60335-2-98: 2003 + A2: 2008 < Excluding the following > for the above two standards Cl. 8.1.4 (discharge energy measurement), 13.2 (test for electrode-type appliance), 15.1 (tests for IPX3 to IPX6), 19.2, 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 22.103, 22.104, 25.25, 30.2.3 (burning tests to IEC 60695-11-10), 32 (measurement of EMF according to EN 50366 or EN 62233), Annex J and R IEC 60335-2-98: 2002 + A1: 2004 + A2: 2008 < Excluding the following > Cl. 8.1.4 (discharge energy measurement), 13.2 (test for electrode-type appliance), 15.1 (tests for IPX3 to IPX6), 19.2, 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 22.57, 22.103, 22.104, 25.25, 30.2.3 (burning tests to IEC 60695-11-10), Annex J, R and T

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Household electrical appliances with rated voltage up to 250 V - Kitchen machine	Safety tests :- - Compliance inspection and safety tests	BS EN 60335-2-14: 2006 + A1: 2008 + A11: 2012 EN 60335-2-14: 2006 + A1: 2008 + A11: 2012 <i>< Excluding the following ></i> for the above two standards Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 25.25, 30.2.3 (burning tests to IEC 60695-11-10), 32 (measurement of EMF according to EN 50366 or EN 62233), Annex J, R and AA IEC 60335-2-14: 2016 <i>< Excluding the following ></i> Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 22.57, 25.25, 30.2.3 (burning tests to IEC 60695-11-10), Annex J, R, T and AA

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<p>Household electrical appliances with rated voltage up to 250 V</p> <p>- Shaver, hair clipper and similar appliance</p>	<p>Safety tests :-</p> <p>- Compliance inspection and safety tests</p>	<p>BS EN 60335-2-8: 2015 + A1: 2016 EN 60335-2-8: 2015 + A1: 2016</p> <p>< <i>Excluding the following</i> > for the above two standards Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 25.25, 30.2.3 (burning tests to IEC 60695-11-10), 32 (measurement of EMF according to EN 50366 or EN 62233), Annex J and R</p> <p>IEC 60335-2-8: 2012 + A1: 2015</p> <p>< <i>Excluding the following</i> > Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 22.57, 25.25, 30.2.3 (burning tests to IEC 60695-11-10), Annex J, R and T</p>

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Household electrical appliances with rated voltage up to 250 V 額定電壓不高於 250 V 的家用電器 - Rice cooker - 電飯鍋	Safety tests :- - Compliance inspection and safety test - 安全測試	GB 4706.19-2008 <i><Excluding the following></i> Cl. 8.1.4 (discharge energy measurement), 15.1 (tests for IPX3 to IPX6), 19.11.4, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 25.25, 30.2.3 (burning tests to GB/T 5169.16), Annex J and R GB 4706.19-2008 <i><不包括></i> Cl. 8.1.4 (放電量測量), 15.1 (IPX3 至 IPX6 測試), 19.11.4 22.1 (IP5X 及 IP6X 測試), 22.32 (氧氣罐測試), 22.46, 25.25, 30.2.3 (按 GB/T 5169.16 的燃燒測試), 附錄 J 及 R

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Household electrical appliances with rated voltage up to 250 V 額定電壓不高於 250 V 的家用電器 - Vacuum cleaner <Excluding the following> - ash vacuum cleaner - Vacuum cleaner <Excluding the following> - ash vacuum cleaner - 真空吸塵器 <不包括> - 灰真空吸塵器	Safety tests :- - Compliance inspection and safety tests - Compliance inspection and safety test - 安全測試	IEC 60335-2-2: 2009 < Excluding the following > Cl. 8.1.4 (discharge energy measurement), 11.7 (tests for an appliance incorporating an automatic cord reel), 15.1 (tests for IPX3 to IPX6), 15.101, 19.7, 19.11.4, 19.103, 19.104, 21.101, 21.102, 21.103, 21.104, 21.105, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 22.57, 22.101, 25.25, 30.2.3 (burning tests to IEC 60695-11-10), Annex B, J, R and T GB 4706.7-2014 <Excluding the following> Cl. 8.1.4 (discharge energy measurement), 11.7 (tests for an appliance incorporating an automatic cord reel), 15.1 (tests for IPX3 to IPX6), 15.101, 19.7, 19.11.4, 19.103, 19.104, 21.101, 21.102, 21.103, 21.104, 21.105, 22.1 (tests for IP5X and IP6X), 22.32 (oxygen bomb test), 22.46, 22.101, 25.25, 30.2.3 (burning tests to GB/T 5169.16), Annex B, J and R GB 4706.7-2014 <不包括> Cl. 8.1.4 (放電量測量), 11.7 (帶有自動卷線器器具的測試), 15.1 (IPX3 至 IPX6 測試), 15.101, 19.7, 19.11.4, 19.103, 19.104, 21.101, 21.102, 21.103, 21.104, 21.105, 22.1 (IP5X 及 IP6X 測試), 22.32 (氧氣罐測試), 22.46, 22.101, 25.25, 30.2.3 (按 GB/T 5169.16 的燃燒測試), 附錄 B、J 及 R

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Information technology and electrical business equipment: - Radio equipment - Fixed network telecommunications equipment - Power supply unit - Calculator - Document shredding machine - Pencil sharpener - Stapler - Laminating machine	Safety tests :- - Compliance inspection and safety tests	EN 60950-1: 2006 + A2: 2013 < <i>Excluding the following</i> > Cl. 4.2.8, 4.2.11, 4.3.6, 4.3.12, 4.3.13, 4.4.5, 4.6.2 (test to Cl. A.3), 4.7.3.2 (test to Cl. A.2), 5.2 (electric strength test higher than 5 kV peak), 7.4.3, Zx, A.2, A.3; Annex Q, U and ZB IEC 60950-1: 2005 + A1: 2009 + A2: 2013 < <i>Excluding the following</i> > Cl. 4.2.8, 4.2.11, 4.3.6, 4.3.12, 4.3.13, 4.4.5, 4.6.2 (test to Cl. A.3), 4.7.3.2 (test to Cl. A.2), 5.2 (electric strength test higher than 5 kV peak), 7.4.3, A.2, A.3; Annex Q and U

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Telephone, fax machine, dial-up modem, answering machine and recording machine	Telecommunications equipment tests :- - Testing of wire-line equipment - Power level in on-hook state - Voice-band impedance in on-hook state - Off-hook DC characteristics - Power level for voice transmission equipment - Out-band power limits - DTMF signalling	HKCA 2011 Issue 6 (2010) Cl. 3.4 Cl. 3.6 Cl. 4 Cl. 7.3 Cl. 7.4 Cl. 8.5
Land mobile service radio equipment with an internal or external RF connector intended primarily for analogue speech	- Testing of transmitter - Frequency error - Transmitter power (conducted) - Maximum effective radiated power - Frequency deviation - Adjacent and alternate channel power - Unwanted emissions in the spurious domain	ETSI EN 300 086: 2016 Cl. 7.1 to 7.6
Land mobile service radio equipment using integral antennas intended primarily for analogue speech	- Testing of transmitter - Frequency error - Effective radiated power - Maximum permissible frequency deviation - Adjacent and alternate channel power - Radiated unwanted emissions in the spurious domain	ETSI EN 300 296: 2016 Cl. 7.1 to 7.5