



*Your Global  
Testing, Inspection &  
Certification Partner*

Hong Kong Standards and Testing Centre



## Worldwide Accreditation & Recognition 全球專業認可

STC is recognised by many accreditation bodies around the world. We are the first non-governmental laboratory designated for China Compulsory Certification (CCC) testing in both Hong Kong and Chinese Mainland, and the only CB Testing Laboratory in Hong Kong under the National Certification Body of China that can directly issue CB Test Certificates recognised worldwide by around 60 IECEE member bodies. STC is also the first Hong Kong laboratory accredited by China National Accreditation Service for Conformity Assessment (CNAS), Federal Communications Commission (FCC) and Deutsche Akkreditierungsstelle GmbH (DAKKS). Our biological reports are eligible for NMPA, FDA, CE and MFDA registration.

STC 受到全球多個國際認可機構的認可。我們屬首家指定可於香港和中國內地進行中國強制性產品認證（CCC）測試的非政府實驗室，也是香港唯一受中國國家認證機構認可的 CB 測試實驗室，可直接發出 CB 測試證書，取得認可證書的產品獲 IECEE CB 體系約 60 個成員國市場和機構所認可。STC 也是首家獲得中國國家合格評定認可服務（CNAS）、聯邦通信委員會（FCC）和德國認證機構（DAKKS）認證的香港實驗室。我們的生物報告亦符合 NMPA、FDA、CE 和 MFDA 的註冊要求。



## Global Network & Development 環球網絡，持續擴展

STC is headquartered in Hong Kong, a solid base enabling the group to achieve excellence in quality, standard and compliance, paving the way to global presence and connectivity, and delivering one-stop professional services for clients and consumers across the globe.

Supporting China's rapid development in recent decades, STC is continuously investing in upgrading its reach and capability, having established offices and laboratories in Guangdong, Shanghai, Guangxi, Changzhou and beyond. As part of its strategic global development, STC has established operations in Vietnam, Japan, the US and Germany while actively strengthening its overseas network.

STC 總部設於香港。作為集團的長期發展核心，香港以卓越品質、標準和合規性見稱，助 STC 建立穩固根基，連接世界各地的市場，為全球機構客戶及消費者提供一站式專業服務。

隨著中國市場近數十年急速發展，STC 持續投入資源以提升市場覆蓋與服務能力，在廣東、上海、廣西、常州等重點省市設立辦事處和實驗室。秉持策略性全球發展方向，STC 已於越南、日本、美國、德國建立業務分部，並持續強化海外市場網絡。



### CHINA 中國

#### Hong Kong 香港

##### Hong Kong Standards and Testing Centre (Headquarters)

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##### Hong Kong Inspection Company

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##### Hong Kong Certification Centre

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#### Guangdong 廣東

##### STC (Guangdong)

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#### Shanghai 上海

##### STC (Shanghai)

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#### Changzhou 常州

##### STC (Changzhou)

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##### Microtek Changzhou Laboratories

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#### Guangxi 廣西

##### HKSTC (Guangxi)

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#### STC (Vietnam)

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## Toys & Children's Products Testing

### 玩具及兒童產品測試

Safety and quality are of paramount importance to toys and children's products, which carry memories of childhood. STC leverages efficient and accurate testing technologies and global compliance experience as our foundation to accurately identify product safety risks, dynamically respond to regulatory updates in various countries, and facilitate products to enter the international market. We continuously improve our service quality and acquire advanced equipment to provide clients with more effective and comprehensive product testing services, helping you reduce product risks.

玩具與兒童產品承載成長記憶，安全品質是守護的核心。STC 以高效準確檢測技術與全球合規經驗為基石，精準鎖定產品安全風險，積極應對各國法規更新及促進產品暢行國際市場。我們不斷提升服務質素並添置更多先進的設備，為客戶提供更有效以及全面的產品測試服務，助您降低產品風險。



### Scope of Services 服務範圍

Toys  
玩具

Children's Products  
兒童產品

Baby Products  
嬰兒產品

Electronic Toys and Accessories  
電子玩具及配件

Tableware  
餐具

Gifts and Souvenirs  
禮品及紀念品

Party Supplies  
派對用品

Stationery and School Supplies  
文具及學校用品

STEM Toys  
益智玩具

Ride-on Toys  
騎乘玩具

Children's Jewellery  
兒童珠寶

Kidult Products  
大小孩產品

Figurines  
人物模型

Art and Collectibles  
藝術及收藏品

Leisure and Sports Goods  
休閒及體育用品

### Testing Content 測試內容

- Age Grading Assessment  
年齡組別評定
- Ageing and Pre-conditioning  
老化及環境測試
- Appropriate Test Recommendation  
適用測試建議
- Microbial Testing  
細菌測試
- Chemical Analysis  
化學分析
- Electronic Toy Safety Testing  
電子玩具安全測試

- Electromagnetic Compatibility  
電磁波兼容性測試
- Factory Evaluation  
工廠評估
- Flammability Testing  
可燃性測試
- Incoming Material Testing  
來料測試
- Material and Product Evaluation  
物料及產品評估
- Packaging Evaluation  
包裝評估

- Performance and Reliability Testing  
功能及可靠性測試
- Physical and Mechanical Testing  
物理及機械能測試
- Pre-shipment Inspection  
出貨前驗貨
- Safety Testing  
安全評估
- Transportation Testing  
運輸測試
- Certification Testing  
法規培訓



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## Global Compliance Strategic Partners 全球合規策略夥伴

As a CNCA-accredited foreign laboratory, STC provides international testing and certification services worldwide especially across China, Japan, Europe, the United States, the United Kingdom, Australia, New Zealand and Vietnam:

- ⊕ China: CCC Compulsory Certification (Toys / Children's Vehicles)
- ⊕ Japan: METI, ST Standard and JFSL
- ⊕ EU, UK and USA: EN 71 (EU), UKCA (UK) and CPSC (USA)
- ⊕ Australia and New Zealand: AS/NZS ISO 8124
- ⊕ Vietnam: QCVN 3:2019/BKHCN
- ⊕ Other Asian Markets: Not exhausted

作為 CNCA 認可的外資實驗室，STC 提供全球國際性，特別是橫跨中國、日本、歐洲、美國、英國、澳洲、紐西蘭及越南的檢測認證服務：

- ⊕ 中國：CCC 強制認證（玩具 / 童車）
- ⊕ 日本：ST 玩具安全標準 及 JFSL 日本食物衛生法
- ⊕ 歐美：EN 71（歐盟）、UKCA（英國）、CPSC（美國）
- ⊕ 澳洲及紐西蘭：AS/NZS ISO 8124
- ⊕ 越南：QCVN 3:2019/BKHCN
- ⊕ 其他亞洲市場：不能盡錄



Established in 1963, Hong Kong Standards and Testing Centre (STC) is the first independent, not-for-profit organisation in Hong Kong dedicated to Testing, Inspection and Certification (TIC). Committed to service excellence, STC has garnered worldwide recognition from accreditation organisations and a strong client base over decades of development. With operating offices and cutting-edge testing laboratories in Asia, North America and Europe, the Group continuously drives technological advancement and business diversification and takes pride in always providing reliable service that counts, making the world safer.

香港標準及檢定中心（STC）於 1963 年成立，是香港首個獨立的非牟利機構，專注於測試、檢驗和認證（TIC）服務。STC 致力提供卓越服務，歷年發展以來獲得全球多間國際認可機構以及強大客戶群的認可。集團在亞洲、北美洲和歐洲設立辦事處和先進的實驗室，持續推動技術創新及業務多元發展，以「証」可信賴的專業服務守護大眾，讓世界更安全。



**Toys & Children's Products Testing**  
玩具及兒童產品測試



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enquiry@stc.group



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## Chemical, Food & Pharmaceutical Products Testing

### 化學、食品及藥物測試

Modern people pursue a healthy lifestyle. Products that are closely related to us, including food, medicine, cosmetics and daily necessities, are expected to continuously improve in quality to enhance product competitiveness. STC offers a wide range of chemical, food and drug testing services in accordance with local and international safety standards. We are committed to ensuring your products are safe, strengthening consumer confidence and enhancing your brand image.

現代人追求健康生活，食品、藥品、化妝品、日用品等與我們息息相關的產品，在質量上都需要不斷提升，以提高產品的競爭能力。STC 按本地及國際的安全標準，為您提供廣泛的化學、食物及藥物測試，致力確保您的產品符合安全，加強消費者的信心，從而提升您的品牌形象。

## Scope of Services and Testing Content 服務範圍及測試內容

### Pharmaceutical Testing 藥物測試

- Bioburden  
生物負載
- Stability Test (Real-time and Accelerated)  
穩定性測試 (常溫及加速)
- Chromatographic and Spectrometric Analysis  
色譜及分光光度分析
- Antibiotics  
抗生素
- Adulteration of Drugs in pCms  
中藥摻雜西藥成份
- Toxicity Test (Acute, Chronic and Local Toxicity)  
毒性測試 (急性毒性、長期毒性及局部毒性)
- Assay and Identification of Active Ingredient  
有效成份的含量及鑑別
- Method Validation  
方法學考察
- Microbiological Examination  
微生物測試
- Residual Pesticides  
殘餘農藥
- Heavy Metals Analysis  
重金屬分析
- Proprietary Chinese Medicine Testing  
中成藥測試
- Chinese Medicinal Materials  
中藥材

### Food Contact Article and Kitchenware Testing 食物接觸製品及廚房用具測試

- Plastic Containers  
塑膠食物容器
- Cutlery  
餐具
- Ovenware  
烤焗用具
- Glassware  
玻璃容器
- Ceramic Utensils  
陶瓷餐桌用具
- Cookware  
煮食用具
- Durability Testing  
耐用性測試
- Safety Testing: Metal Release; Mechanical hazards  
安全性測試: 重金屬釋出量; 機械性危害

### Food Testing 食品測試

- Fresh Water  
自來水
- Hygiene Monitoring and Swab Testing  
衛生監察及表面塗抹測試
- Antibiotic Residues in Food  
食物中殘餘抗生素
- Preservatives and Anti-Oxidants  
防腐劑及抗氧化劑
- Residual Pesticides  
殘餘農藥
- Species Identification by DNA Sequencing  
物種鑑定 (DNA 定序)
- Drinking Water and Mineral Water  
飲用水及礦泉水
- Hong Kong and Global Nutrition Labels  
香港及多國的食品營養標籤
- Residual Veterinary Drugs  
殘餘獸藥
- Heavy Metal Contaminants  
重金屬雜質
- Microbiological Quality Examination  
微生物測試
- Melamine Content  
三聚氰胺
- Artificial Coloring Matters  
人造色素
- Health Food and Supplements  
健康食品及保健品
- Pet Food  
寵物食品
- Mycotoxins  
真菌毒素
- Vitamins  
維他命
- Phthalates  
塑化劑

### Chemical Testing 化學測試

- Corrosion Resistance Testing  
金屬抗銹測試
- Metal Alloy Composition Analysis  
合金成份分析
- Restricted Chemicals Content  
受管制化學含量檢查
- Nickel Release  
鎳釋放

## Environmental Testing 環境測試

- Lead and Other Toxic Metals  
鉛及其他有毒金屬
- Environmental Swabs  
環境拭子
- Harmful Chemicals  
有毒化學物質
- Phenol, PCB and Formaldehyde  
酚、多氯聯苯及甲醛
- Water and Waste Water  
水及污水
- Burkholderia Pseudomallei  
類鼻疽

## Consumer Product Testing 消費品測試

- Antibacterial and Antiviral Assessment  
抗菌及抗病毒測試
- Water Filters  
濾水器
- Face Masks  
口罩
- Tissue Paper  
衛生紙
- Fashion Accessories  
時尚飾物
- Cosmetics  
化妝品
- In Vitro Cytotoxicity, Skin Irritation and Corrosion Testing  
體外細胞毒性、皮膚刺激性和腐蝕性測試
- Consumer Goods Safety Testing  
消費品安全測試

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### Food Regulations

#### 食品條例

Continuously improve to adapt to changes in food regulations  
不斷提升以配合食品法規的變化



### Environmental Swabs

#### 環境拭子

Focus on hygiene indicator organisms and pathogens  
針對衛生指示微生物及致病菌



### Species Identification by DNA Sequencing

#### 基因測試技術

Applicable to identification of food-borne pathogens and viruses, precious Chinese medicine identification, and animal ingredients adulteration  
適用於食源性致病菌及病毒的鑑別、名貴中藥材的鑑別及動物性原料的摻假



### Pharmaceutical Finished Products and Raw Materials Compliance Testing 藥品和原料合規測試

Testing conducted in accordance with to BP, USP, EP and CP monographs  
根據 BP、USP、EP 及 CP 專論進行測試



### Ceramicware Performance Testing

#### 陶瓷器皿性能測試

Include microwavable, dishwasherable, cracking resistance and metal release testing  
包括可微波爐加熱、可洗碗機清洗、抗裂和金屬釋放測試



### Antibacterial and Antivirus Effectiveness Testing

#### 抗菌和抗病毒功效測試

To meet diverse consumer and market needs  
全方位滿足消費者及市場需求



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Chemical, Food & Pharmaceutical Products Testing  
化學食品及藥物測試



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enquiry@stc.group



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## Electrical & Electronic Products Testing

### 電氣及電子產品測試

Electrical and electronic products no doubt have become part of our daily lives. The influx of new products into the market every year raises the market demand for quality and safe products. This is why product testing before its launch is critical. STC aims to help your business stand out by ensuring your products are reliable and in accordance with required safety standards through our one-stop safety, EMC and medical device testing services.

電氣及電子產品是生活中不可或缺的一部份，每年均有各式各樣的新產品湧現零售市場，當中的性能及安全備受消費者關注，因此銷售前的產品測試尤其重要。STC 提供一站式產品安全、EMC 及醫療儀器測試服務，確保您的產品性能可靠並符合有關的安全標準，在市場佔一席位。



## Scope of Services and Testing Content 服務範圍及測試內容

### Application for Various National Marks 申請各國產品認證標誌

- |        |         |        |        |       |         |
|--------|---------|--------|--------|-------|---------|
| • ASTA | • CQC   | • EPSR | • HKSM | • PSE | • UCIEE |
| • BSMI | • CSA   | • FCC  | • JET  | • RCM | • UL    |
| • CCC  | • KC    | • EAC  | • NOM  | • SAA | • VCCI  |
| • CE   | • Nemko | • GS   | • PSB  | • TUV | • VDE   |

### Hong Kong Energy Efficiency Testing 香港能源效益測試

- |                                |                      |                              |
|--------------------------------|----------------------|------------------------------|
| • Household Appliances<br>家用電器 | • Televisions<br>電視機 | • Lighting Equipment<br>照明器材 |
| • Office Equipment<br>辦公室器材    |                      |                              |

### Fulfilment of OFCA Prescribed Specifications 遵照通訊事務管理局指定規格

- Testing and certifying telecommunications equipment in accordance with OFCA prescribed specifications on Type Approval or Type Acceptance  
遵照通訊事務管理局指定的規格，提供電訊設備測試及認證服務以作類型檢定或類型認可

### Issuance of Internationally Endorsed Testing Reports 簽發國際認可報告

- Issuance of CMA, CNAS, DAkkS, A2LA and HOKLAS endorsed testing reports  
獲得中國認可監督管理委員會 (CMA)、中國合格評定國家認可委員會 (CNAS)、德國認可委員會 (DAkkS)、美國實驗室認可協會 (A2LA) 及香港實驗所認可計劃 (HOKLAS) 授權，簽發認可測試報告







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**証可信賴 以專業守護您**



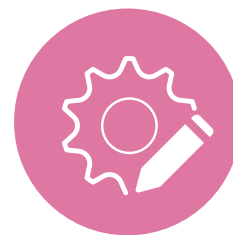
### Full-range Testing Services 全面的電氣及電子產品測試服務

Offering a full range of electromagnetic compatibility, electrical safety, medical device and radio frequency testing services  
提供全面的電磁波兼容性、電氣產品安全、醫療儀器及無線電頻率測試服務



### Tailor-made Testing Programmes 量身定制的測試計劃

Providing tailor-made testing programmes based on customers' specifications and relevant product standards, e.g. on-site measurement for bulky or fixed equipment, on-site EMC measurement for railway systems, human exposure to environmental electromagnetic fields (EMF), energy efficiency testing, environmental testing, protection against dust and liquid testing, etc.  
根據客戶的規格和相關產品標準，提供量身定制的測試計劃，例如大型或固定設備的現場測量、鐵路系統電磁兼容性的現場測量、人體暴露於環境電磁場評估、能源效益測試、環境測試、對於灰塵和液體的防護測試等



### Technical and Support Services 技術及支援服務

Providing professional consultation and technical support for different product design stages, as well as seminars, technical meetings, etc.  
為產品各設計階段提供專業諮詢及技術支援，以及舉辦研討會及技術交流會等



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**Electrical & Electronic Products Testing**  
電氣及電子產品測試



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## Textiles, Furniture, Footwear & Materials Testing

### 紡織、家具、鞋類及物料測試

Our daily life is surrounded by countless considerations of purchases, consumptions or applications of textiles, furniture, shoes, building materials and many more, whose safety is the top priority in making these decisions. STC provides one-stop testing services and safeguards your products from safety risks by ensuring your products and even their raw materials comply with different safety regulations and are in line with international standards.

我們日常生活充斥著對無數的紡織品、家具、鞋類和建築材料等等的選購、使用或應用決定，而安全性絕對是首要考量。STC 提供一站式測試服務，能確保您的各類產品及其原料符合不同的安全法規和國際標準，從而保障您的產品免除安全隱憂。



## Scope of Services and Testing Content 服務範圍及測試內容

### Furniture Testing 傢俱測試

- Formaldehyde 甲醛測試
- Composite Wood Products 複合木製品
- Bunk Beds 雙層床
- Seats and Tables 座椅及桌子
- Mattresses 床褥

### Household Products Testing 家居用品測試

- Cutlery and Kitchenware 餐具及廚房用具
- Quilts 被子
- Sunglasses 太陽眼鏡
- Condoms 安全套
- Pillows 枕頭
- Luggage 行李箱
- Candles 蠟燭
- Sanitary and Toilet Accessories 衛生間及浴室用品
- Spectacles / Eyeglasses 眼鏡

### Textiles and Apparel Testing 紡織品及服裝測試

- Colour Measurement Testing 色彩測量測試
- Flammability 可燃性
- Colour Fastness 顏色堅牢度
- Hosiery Testing 襪類測試
- Performance Evaluation 性能評估
- Fibre Identification and Composition 纖維鑑別及成分
- Accelerated Weathering Testing 加速老化耐候測試
- Dimensional Stability (Shrinkage) 縮水程度
- Care Labelling 護理標籤
- Safety and Ecological Testing 安全及生態測試

### Vehicle Interior Accessories Testing 汽車內飾件測試

- VOC Emissions Testing 揮發性有機化合物釋放測試
- Functional Testing 功能測試
- Physical Testing 理化性測試
- Ecological Safety Testing 安全環保性測試

## Construction Materials Testing 建築材料測試

- Tiles 瓷磚
- Paints 油漆
- DW-144 Ductwork DW-144 管道系統
- Adhesive & Sealants 黏合劑及密封劑
- Safety Glasses 安全玻璃
- Slip Resistance 防滑測試

## Paper and Packaging Testing 紙品及包裝測試

- Box Certification 紙箱測試
- Transit Testing (Compression, Drop & Vibration) 運輸包裝測試 (壓力、跌落及震動)
- Physical & Mechanical Testing 物理及機械性測試
- Conditioning Testing 耐氣候測試
- Chemical Properties 化學成分測試

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### On-site Testing Services

#### 現場測試服務

Provide on-site testing services on the client's practical demand and provide great flexibility, such as on-site slip resistance testing with HOKLAS accreditation  
可根據客戶的實質需要，提供靈活的現場測試服務，例如透過現場防滑測試，獲得 HOKLAS 認可之認證



### Full-range Testing for Textile Industry

#### 為紡織行業提供全面測試

Support the testing needs of small- and medium-sized businesses in the traditional textile industry  
支持傳統紡織產業不同中小企業的測試需要



### Tailor-made Testing Programmes

#### 量身定制的測試計劃

Tailor testing plans that can fit clients' unique needs and budget  
根據客戶的獨特需求和預算，量身定制測試服務計劃



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**Textiles, Furniture, Footwear & Materials Testing**  
紡織、家具、鞋類及物料測試



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## Medical Devices Testing

### 醫療儀器測試

Medical devices directly impact life and health. Pursuing their safety and effectiveness is the paramount task. STC are devoted to utilising our profound expertise and cutting-edge international testing technologies to provide comprehensive testing in accordance with standards and regulations, ensuring your products are safe and compliant, assisting you in navigating complex global regulatory requirements, and expediting the transition of the products from research to clinical application.

醫療器材直接關乎生命健康，其安全性與有效性是至高無上的追求。STC 憑藉深厚的專業知識和國際頂尖的檢測技術，為您的產品提供全面的檢測。我們致力確保您的產品安全合規，並協助您應對全球市場複雜的法規要求，加速產品從研發走向臨床應用的進程。



### Scope of Services and Testing Content 服務範圍及測試內容

#### Biocompatibility Testing 生物相容性測試

- Cytotoxicity Testing  
細胞毒性測試
- Irritation Testing  
刺激測試
- Sensitisation Testing  
致敏性測試
- Material Mediated Pyrogenicity Testing  
材料介導熱源測試
- Systemic Toxicity Testing  
全身毒性測試
- Local Effects after Implantation Testing  
植入後局部反應測試
- Hemocompatibility Testing  
血液相容性測試
- Genotoxicity Testing  
遺傳毒性測試
- Carcinogenicity Testing  
致癌性測試

#### Chemical Characterisation of Medical Devices 醫療器材化學表徵

- Material Characterisation  
材料表徵
- Extractables Studies  
可浸提物研究
- Qualitative and Quantitative Analysis of Leachables  
可滲濾物定性和定量
- Screening of Potential Raw Materials  
原料的篩選
- Toxicological Risk Assessment  
毒理學風險評估
- Chemical Equivalence Studies  
化學等同性研究

#### Biocompatibility Evaluation of Breathing Gas Pathway 呼吸氣路生物評估

- Evaluation and Testing within Risk Management Process  
風險管理過程中的評估與測試
- Testing for Emission of Particulate Matters  
顆粒物釋放測試
- Testing for Emission of Volatile Organic Substances  
有機揮發物釋放測試
- Inorganic Gases  
無機氣體
- Testing for Leachables in Condensate  
冷凝水可滲濾水測試
- Chemical Characterization of Medical Devices  
醫療器材化學表徵

#### Pathology Services 病理服務

- Necropsy and Gross Observation  
解剖與觀察
- Histology and Staining  
組織病理形態學檢查
- Histopathology Evaluation  
組織病理形態學檢查
- Whole-slide Scanning and Histomorphometry  
切片全景掃描與組織病理定量分析
- Immunohistochemical Analysis  
免疫組化分析



## Clinical Research 臨床前研究

- High-risk Medical Devices  
高風險醫療器材
- Digital Subtraction Angiographic System (DSA)  
醫用血管攝影X光系統 (DSA)
- Intracoronary Stent Implantation  
冠狀動脈支架植入術
- Coronary Drug Balloon Interventional Therapy  
冠狀動脈藥物球囊介入治療
- PTCA Balloon Catheter Intervention  
PTCA 球囊導管介入術
- Peripheral Vascular Stent Implantation  
週邊血管類支架植入術
- Aortic Valve Replacement  
主動脈瓣置換術
- Intracranial Thrombus Extraction  
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### International Standards Preclinical R&D Testing Platform 標準的臨床前醫療器材研發測試平台

Accredited by CNAS and national CMA, and established a preclinical R&D testing platform for facilitating medical devices' compliance with international standards  
擁有 CNAS 及國家級 CMA 資格，並創建了符合國際標準的臨床前醫療器材研發測試平台



### The First Organisation Acquiring OECD GLP Accreditation in China in 2019 於 2019 年取得中國首個 OECD GLP 資格

Satisfying all preclinical R&D testing requirements of medical device manufacturers  
可滿足醫療器材製造商的臨床前全部研發測試需求

OECD  
GLP



### One-stop Service Solutions 一站式服務解決方案

Including biocompatibility testing, chemical characterisation, breathing gas pathways, pathology services, clinical research, etc.  
包括生物相容性測試、化學特性分析、呼吸氣路測試、病理服務、臨床前研究等



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Medical Devices Testing  
醫療儀器測試



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## Rail Transit & Automotive Parts Testing

### 軌道交通及 汽車零部件測試

STC boasts both authoritative accreditations and premier collaborations. We not only have obtained national-level testing qualifications including CMA and CNAS, but also are an officially contracted laboratory of the China Quality Certification Centre (CQC) and a joint laboratory partner of the industry giant CRRC.

Leveraging state-recognised credentials and advanced technical capabilities, STC reinforces its dedication to delivering one-stop solutions, providing impartial, scientific and efficient third-party testing, evaluation, certification and technical services for the rail transportation industry.

With a focus on critical sectors such as rolling stock, signaling systems, traction power supply and communication equipment, STC offers comprehensive testing across multiple domains, including material performance, chemical and environmental compliance, fire resistance and flammability, safety and reliability, electromagnetic compatibility (EMC), and environmental durability. We ensure your products comply with international standards (e.g., EN and IEC) as well as domestic regulations (e.g., GB and TB), supporting continuous quality improvement and technological innovation in the industry.

STC 不僅榮獲 CMA、CNAS 國家級檢測資格認可，也是中國質量認證中心（CQC）的官方簽約實驗室，並與產業巨頭中國中車共建聯合實驗室。我們憑藉國家認可資質與先進技術能力提供一站式專業服務，為軌道交通行業提供公正、科學、高效率的第三方檢測、評估、認證及技術服務。我們專注於軌道車輛、信號系統、牽引供電、通訊設備等關鍵領域，提供涵蓋材料性能、化學環保、防火阻燃、安全可靠、電磁兼容、環境可靠性等全方位測試，確保產品符合國際標準（如 EN 及 IEC）及國內法規（如 GB 及 TB），協助產業品質提升與技術創新。

## Scope of Services and Testing Content 服務範圍及測試內容

### Industry-specific Testing Capabilities 行業領域特定測試能力

#### Chemical and Environmental Testing 化學環保測試

- Hazardous and Restricted / Prohibited Substances  
有害物質和禁用限用物質
- Formaldehyde and Chamber VOC  
甲醛及袋子法 VOC 各主機廠技術

#### Fire Resistance and Flammability Testing 防火阻燃測試

- Flame Spread / Propagation  
火焰傳播 / 蔓延
- Heat Release  
熱釋放
- Flammability  
可燃性
- Smoke Density  
煙密度
- Smoke Toxicity  
煙毒性

#### Material Performance Testing 材料性能測試

- Mechanical Properties  
力學性能
- Thermal Properties  
熱學性能
- Composition Analysis  
成分分析
- X-ray  
X-光
- Metallography  
金相
- CT Scanning  
CT掃描



## Environmental Reliability Testing 環境可靠性測試

- Vibration and Shock  
振動和衝擊
- IP Rating  
IP防護等級
- Light Ageing  
光照老化
- Fatigue Durability  
疲勞耐久

## Industry-specific Engineering Assessment Capabilities 行業領域特殊工程評估能力

- Whole Vehicle Environmental Assessment  
整車環保評估
- Whole Vehicle EMC Assessment  
整車電磁兼容評估
- Independent Safety Assessment (ISA)  
獨立安全評估
- Whole Vehicle Fire Safety Assessment  
整車防火評估

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1<sup>st</sup>

### The First in China Involved in Environmental Assessment, Remediation and Odour Source Tracing of Full Metro Vehicles

#### 中國首家參與全地鐵車輛環保評估、治理及氣味溯源

Developed intelligent monitoring devices (e.g., real-time onboard VOC sensors) integrated with a data platform, created a closed-loop technological system, and gained recognition from both leading vehicle manufacturers (such as CRRC) and metro operators (including those in Beijing, Shanghai, Guangzhou and Shenzhen) 成功開發與數據平台集成的智能監控設備（例如實時車載 VOC 傳感器），創建閉環技術系統，並得到領先的車輛製造商（如中國中車）和地鐵營運商（包括北京、上海、廣州和深圳的營運商）的認可



### Full Product Lifecycle Quality Management Solutions

#### 完整的產品生命週期品質管控解決方案

Established a comprehensive inspection service system that covers the entire chain from materials and components to the complete vehicle 建立了覆蓋材料、零件至整車全鏈條的檢測服務體系



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## Certification Services

### 認證服務

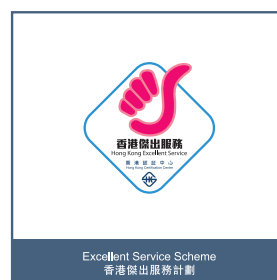
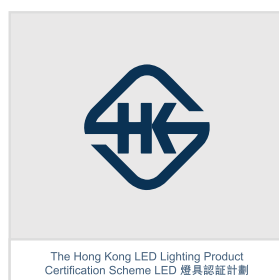


**香港認證中心**  
Hong Kong Certification Centre

Supporting Hong Kong Government's Consumer Goods Safety Ordinance enforcement and relevant policy promotion, Hong Kong Certification Centre was established in 1998 as a subsidiary of STC and the first accredited product certification body in Hong Kong. Through our one-stop professional certification services, clients obtain certifications with wide acceptance for their products in local and international markets while saving time and cost. Committed to raising consumers' product safety awareness, HKCC also connects certified clients with the mass public through certified product roadshows, annual certification ceremonies, product safety seminars, consumer guides and more.

為配合香港政府推出消費品安全條例及推動相關政策，香港認證中心 (HKCC) 於 1998 年成立，為 STC 附屬的香港首間獨立產品認證機構。透過我們的一站式專業認證服務，客戶能更省時及符合經濟效益地令產品獲得本地及海外所需認證。HKCC 同時透過正品生活展、年度認證頒授儀式、產品安全講座、消費者指南等連接獲認證客戶與社會大眾，加強消費者的產品安全意識。

## Certification Schemes 認證計劃







### HKCC Certification Programmes

#### HKCC 認證計劃

Among the important developments of HKCC is the introduction of the Hong Kong Safety Mark, Eco Mark and "STC Certified" Mark, providing manufacturers and suppliers with comprehensive certification solutions to ensure product safety and quality, beneficial to the mass public. To maintain impartiality of different certification schemes, the operation of HKCC is monitored by a Certification Advisory Committee consisting of users, consumers, manufacturers and technical experts from the public.

HKCC 的重要發展包括推出香港安全標誌、香港綠色標誌及優質「正」印等，讓生產商及供應商透過完善的認證方案確保產品的安全性及質量，及大眾市民。HKCC 的認證顧問委員會由用家、消費者、生產商及技術專家組成，確保各認證計劃達到公平公正原則。



### International Accreditation

#### 國際認可

HKCC's operation system is accredited by China National Accreditation Service for Conformity Assessment (CNAS) and Hong Kong Accreditation Service (HKAS) for particular areas of product certification services, as well as a Recognised Certification Body (RCB) of the Electrical and Mechanical Services Department (EMSD) in Hong Kong.

HKCC 產品認證服務已獲中國合格評定國家認可委員會 (CNAS) 及香港認可處 (HKAS) 認可，同時為香港機電工程署 (EMSD) 的認可核證團體 (RCB)。



### IECEE CB Scheme

#### IECEE CB 認證計劃

Under the IEC System for Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE), the National Certification Bodies (NCBs) of its member countries reached a multilateral agreement to test the safety performance of electrotechnical products based on IEC standards. The CB test reports and certificates issued by these NCBs are mutually recognised among member countries. At present, there are over 80 NCBs from around 60 countries participating in the CB Scheme. Manufacturers can obtain the national certifications of other CB member countries with the CB test report and certificate issued by any NCB. IECEE addresses the safety, quality, efficiency and overall performance of components, devices and equipment for homes, offices, workshops and health facilities among others. In all, IECEE covers over 20 categories of electrical and electronic equipment and testing services. 國際電子電機委員會電工產品合格測試與認證組織 (IECEE) 允許各國的國家認證機構 (National Certification Body, 簡稱 NCB) 形成多邊協議，互相承認對方以國際電工委員會 (IEC) 標準為電工產品檢測基礎頒發的 CB 測試報告和證書。目前全球已有近 60 個成員國家共 80 多個 NCB 參與此 CB 體系。製造商可以憑 NCB 所頒發的 CB 測試報告和證書獲得 CB 體系的其他成員國的國家認證。IECEE 測試的範圍涵蓋逾 20 類電氣及電子設備，包括家居、辦公室、工作室及醫療設施的儀器、裝置和零部件，重點測試其安全、品質、效能及整體性能。

IECEE  
CB



Established in 1963, Hong Kong Standards and Testing Centre (STC) is the first independent, not-for-profit organisation in Hong Kong dedicated to Testing, Inspection and Certification (TIC). Committed to service excellence, STC has garnered worldwide recognition from accreditation organisations and a strong client base over decades of development. With operating offices and cutting-edge testing laboratories in Asia, North America and Europe, the Group continuously drives technological advancement and business diversification and takes pride in always providing reliable service that counts, making the world safer.

香港標準及檢定中心 (STC) 於 1963 年成立，是香港首個獨立的非牟利機構，專注於測試、檢驗和認證 (TIC) 服務。STC 致力提供卓越服務，歷年發展以來獲得全球多間國際認可機構以及強大客戶群的認可。集團在亞洲、北美洲和歐洲設立辦事處和先進的實驗室，持續推動技術創新及業務多元發展，以「証」可信賴的專業服務守護大眾，讓世界更安全。



Certification Services  
認證服務



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## Inspection Services

### 檢驗服務



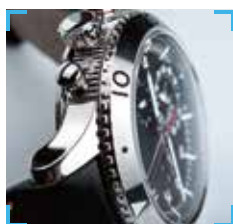
**香港檢驗服務公司** (STC 附屬機構)  
**Hong Kong Inspection Company** (a subsidiary of STC)

As an international buyer, you are always dealing with overseas transactions where you cannot be sure the products you want are properly manufactured the way you want it. Hong Kong Inspection Company (HKIC), a subsidiary of STC, provides you with a total solution where you can get ahead of any possible problems that could affect the quality of your goods. We provide a full range of auditing and inspection services for a wide variety of consumer products from initial factory inspection and inline production checks to final random inspection when the goods are produced. HKIC helps assure product quality and with our internationally recognised reports, we facilitate establishment of supply chains for overseas businesses in China and improve sourcing experience of overseas buyers.

海外買家採購前未必能親身了解實際的生產情況，難以確定產品的質量達到預期水平。STC 附屬機構香港檢驗服務公司 (HKIC) 能為這類情況提供全面解決方案。HKIC 為廣泛商品提供全面的審核及檢驗服務，從視察工廠及檢視生產線運作到最後抽樣檢查成品，並提供獨立的第三方報告，確保產品質素，協助海外機構於中國地區設立供應鏈，讓海外客戶放心採購。

## Scope of Services 服務範圍

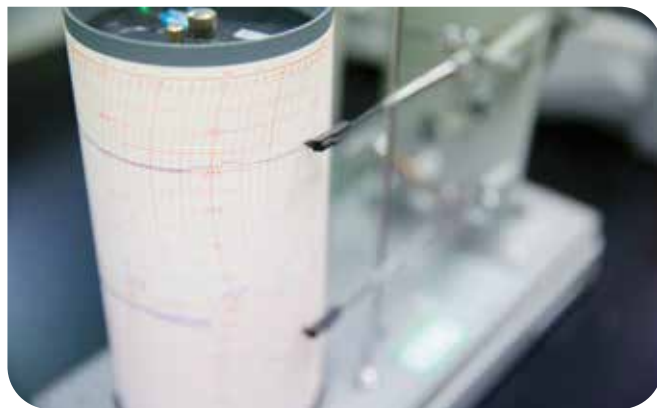
- Cosmetics and Sundry Products  
化妝品及日用品
- Gifts and Premiums  
禮品和贈品
- Watches and Clocks  
鐘錶
- Electrical and Electronic Products  
電器及電子產品
- Bags  
袋類
- Toys and Children's Products  
玩具和兒童產品
- Apparel  
服裝
- Others  
其他



STC provides comprehensive inspection services covering every stage of your product production:

STC 為您的產品生產中所有階段提供全方位檢驗服務：

- Sample Drawing  
抽取樣本
- Factory Audits (COC, Social Responsibility, Quality Audit, etc.)  
工廠審查  
(生產守則、社會責任、品質審查等)
- Loading Supervision  
裝貨監督
- Pre-shipment Inspection (PSI)  
付運前檢查 (PSI)
- Final Random Inspection (FRI)  
落貨前抽樣檢查 (FRI)
- During Production Inspection (DUPRO)  
生產中檢查 (DUPRO)
- Initial Production Check (IPC)  
生產前檢查 (IPC)
- Initial Factory Evaluation (IFE)  
工廠評審 (IFE)



## Service That Counts, Making the World Safer

証可信賴 以專業守護您



### Overseas Inspection Services

#### 海外檢驗服務

Providing professional inspection services in Vietnam, Thailand, India, Myanmar and more according to the client's operational needs

可根據客戶的業務需要在越南、泰國、印度和緬甸等地提供專業檢驗服務



### Tailor-made Inspections

#### 量身訂製檢驗

Tailoring an inspection plan that can fit the client's unique needs and budget

根據客戶的獨特需求和預算，量身定制檢驗服務計劃



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