



JE STC ... Your Global **Testing, Inspection & Certification** Partner





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STC Profile

STC SOLUTIONS

SERVICE THAT COUNTS

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STC (Hong Kong Standards and Testing Centre) is the first independent, not-for-profit testing, inspection and certification organization in Hong Kong. Since its establishment in 1963, STC has been dedicated to providing professional, reliable and comprehensive testing and inspection services, and issuing the highest quality reports to ensure product compliance with relevant technical and safety requirements while keeping pace with the development of trade and industry. Our experienced auditors and inspectors provide a range of inspection services from factory audit to pre-shipment inspection to warrant the goods to be delivered are up to required standards in safety, quality, reliability and functionality.

SCOPE OF SERVICES

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GLOBAL NETWORK

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To meet global demand for testing services, not only has STC set up testing laboratories and / or offices in Dongguan, Shanghai, Changzhou, Guangxi and Heilongjiang, but also has it landed in Germany, USA, Vietnam and Japan. In the future, STC will keep exploring and investing in emerging markets.

ACCREDITATION

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STC is recognized by various organisations and accreditation bodies around the world, and is the only CB Testing Laboratory in Hong Kong under the National Certification Body of China. We are also the first laboratory in Hong Kong accredited by China National Accreditation Service for Conformity Assessment (CNAS), Federal Communications Commission (FCC) and Deutsche Akkreditierungsstelle GmbH (DAkkS).



ONE TESTING PROTOCOL WORLDWIDE ACCESS





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Toys & Children's Products Testing

OVERVIEW

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Toys and children's products are inseparable from the daily life of infants and children and that's why safety is the main concern for your loved ones. With our expertise and state-of-the-art testing equipment, we strive to help you tap into international markets by ensuring the safety of your toys and children's products and guiding you through the complexities of global regulatory requirements.

SCOPE OF SERVICES

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Toys, Gifts & Premiums

- Age Grading Assessment
- Aging and Pre-conditioning
- Chemical Analysis
- Electrical Toy Safety
- Electromagnetic Compatibility Testing
- Experimental / Chemical Toy Sets
- Flammability
- Food Contact Article Analysis

- Material and Product Evaluation
- Microbiological Test
- Packaging Assessment
- Performance and Reliability Testing
- Physical and Mechanical Properties
- Stuffing Cleanliness
- Toxicity
- Transportation Testing

Stationery & School Items

- Writing Instruments: Pens, Pencils, Highlighters, Markers, etc.
- Drawing Instruments: Crayons, Paints, Pencil Sharpeners, Rulers, Erasers, etc.
- Paper Products: Papers/Cards, Books, Notebooks, Calendars, etc.
- Desktop Accessories: Scissors, Staplers, Hole Punchers, Paper Cutters, Adhesives, Tapes, etc.
- Postage and Packaging: Envelopes, etc.

Children's & Juvenile Products

-  Baby Dummies
-  Baby Soother Holders
-  Bottle Teats
-  Children's Cutlery and Feeding Utensils
-  Baby Carriers
-  Safety Harnesses
-  Wheeled Child Conveyances
-  Baby Walkers
-  Carry Cots and Similar Handled Products & Stands, Children's Cots for Domestic Use
-  Child Safety Barriers for Domestic Use
-  Playpens for Domestic Use
-  Changing Units
-  Children's Sunglasses

Children Jewelry

-  Total Lead Content & Total Cadmium Content
-  Nickel Release & Heavy Metal Testing
-  Phthalate
-  Physical Testing: Tension, Torque, Flammability, Sharp Point, Sharp Edge, Small Parts, etc.

Sporting Goods

-  Bicycles
-  Bicycle Helmets
-  Indoor Playground Equipment
-  Inflatable Swimming Aids
-  Rollers
-  Scooters and Skateboards
-  Pedals Testing
-  Bicycle Brakes
-  Steering Testing
-  Rims, Tyres and Tube Testing
-  Saddles / Seat-pillars Testing
-  Frames & Front Fork Assembly Testing

• • • ONE-STOP SERVICE TO INTERNATIONAL STANDARDS / GLOBAL MARKETING ACCESS • • •



CCC – China Compulsory Certification of Toys

All products listed in the "Catalogue of Products Subject to China Compulsory Certification" are required to obtain CCC Mark after being tested by designated laboratories in China before they could be exported to, selling in or used in business activities in China. The four classes of toys and children's products subject to CCC testing are children vehicles, electric toys, plastic toys and metal toys. STC is the first non-governmental laboratory in Hong Kong and China approved by Certification and Accreditation Administration of the People's Republic of China (CNCA) to undertake toy testing subject to CCC. We offer one-stop service on CCC testing and certification to facilitate the entrance of manufacturers and importers into the emerging Chinese market.



ST Standard – Japan Toy Safety Standard

In Japan, designated toys that are intended for infants are required to comply with the mandatory Food Sanitation Law; while Japan Toy Safety Standard (ST Standard) established by the Japan Toy Association provides toy manufacturers, retailers and consumers with additional safeguard where toys intended for children up to the age of 14 must comply with the Standard and bear the ST Mark. To obtain the ST Mark, all toys must be tested by approved laboratories to guarantee their safety. Well versed with toy safety requirements, STC is approved by JMHLW and is the first foreign testing body designated by Japan Toy Association for chemical testing under the ST Mark Program to guide you in the toy market in Japan.





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Chemical,
Food &
Pharmaceutical
Products
Testing

OVERVIEW

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People are getting more health-conscious nowadays from paying attention to the nutritional value of what they eat, to wanting to be sure of the quality and the safety of the food products or whatever that would come into direct contact with their skin before making purchase decision. With advanced testing technologies, we are dedicated to improving consumer confidence in your products and enhancing your brand image by ensuring your products are up to safety requirements.

SCOPE OF SERVICES

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Pharmaceutical Testing

Adulteration of Drugs in pCms	Heavy Metals Analysis	Proprietary Chinese Medicine Testing
Antibiotics	IR identification of Raw Material	Residual Pesticides
Assay & Identification of Active Ingredient	Method Validation	Stability Test (real time and accelerated)
Chromatographic & Spectrometric Analysis	Microbiological Examination	Toxicity Test (acute, chronic, local toxicity)

Kitchenware Testing

Ceramic Tabletop	Durability test	Ovenware
Cookware	Glassware	Safety Test : Metal Release / Mechanical Hazards
Cutlery		

Food Testing

Artificial Coloring Matter	Health Food and Supplement	Microbiological Quality Examination
Antibiotic Residues in Food	Heavy Metal Contaminants	Preservatives and Anti-Oxidants
Drinking Water and Mineral Water	Hygiene Audit and Swab Test	Residual Pesticides
Edible Oils and Fats	HK Nutrition Labeling	Residual Veterinary Drugs
Fresh Water Plumbing Quality Maintenance Recognition Scheme	Melamine Content	US FDA Food Labeling

Chemical Testing

Corrosion Resistance Test	Plastic Identification	Restricted Chemicals Content
Metal Alloy Composition Analysis		

Environmental Testing

Harmful Chemicals	Ozone Depleting Chemicals (CFCs & HCFCs)	Water and Waste Water
Lead and Other Toxic Metals	Phenol, PCB and Formaldehyde	

Consumer Product Testing

Antibacterial Assessment	Fashion Accessories	Water Filter
Cosmetics / Sanitizers / Disinfectant	Tissue Paper / Napkin / Diaper	Face Mark

DNA TESTING SERVICE

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Genes never lie! From the extraction and amplification of genetic materials via polymerase chain reaction (PCR), to DNA sequencing, we can unmask the face of any living species by analyzing and identifying their unique genetic codes. STC is capable of providing speedy DNA-based testing services including the identification of food-borne pathogens and virus, precious Chinese medicine identification, genetic modified food test, animal ingredients adulteration and identification of allergens, etc. Together with our traditional food testing services, STC provides you with a more comprehensive food testing solution.





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Electrical & Electronic Products Testing

OVERVIEW

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Electrical and electronic products no doubt have become part of our daily lives. With an influx of new products into the market every year comes the increasing demand for quality and safe products – that's why product testing before launch is more crucial than ever. We aim to help you achieve sales target by ensuring your products are reliable and meet required safety standards through our one-stop safety and EMC testing service.

SCOPE OF SERVICES

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Providing technical support services at different design stages



Providing one-stop product testing service and certification for national marks, including BSMI, CCC, CE, CQC, CSA, KC, Nemko, EPSR, FCC, GOST, GS, HKSM, JET, NOM, PSB, PSE, RCM, SAA, TUV, UCIEE, UL, VCCI, VDE



Offering a full scope of electromagnetic compatibility, electrical safety & radio frequency testing service



HK Energy Efficiency testing on household appliances, office equipment, television and lighting equipment



Providing tailor-made test program according to customer's 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 test, environmental test, protection against dust and liquid test etc.



Testing and certification of Telecommunications Equipment against OFCA prescribed specifications for Type Approval or Type Acceptance



Issuing endorsed testing reports for CNAS, DAkkS and HOKLAS



Providing more services or technical support, such as seminars and technical meetings, for customers

RADIO FREQUENCY & ELECTROMAGNETIC COMPATIBILITY TESTING

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There has been growing concern over product performance in the aspect of Radio Frequency (RF), ElectroMagnetic Interference (EMI) and ElectroMagnetic Susceptibility (EMS). The safety of electronic and electrical products is now subject to stringent scrutiny that only products in compliance with relevant regulations are allowed for import in most countries. With comprehensive understanding of government regulations and policies applied to the electrical and electronics industry, we provide accurate testing services for Radio Frequency (RF) and ElectroMagnetic Compatibility (EMC) in accordance with various international standards.

PROFESSIONAL SERVICE FOR MEDICAL DEVICES

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Medical devices are used to diagnose, prevent, or treat disease or other conditions for human beings, and hence the safety of them is crucial. STC supports manufacturers to better monitor their products from pre-market registration, technical file preparation to post market entry. Complying with the GLP requirements, being a CB Testing Laboratory and recognized by the China National Accreditation Service for Conformity Assessment (CNCA), STC provides Biological, Electrical Safety and EMC testing according to ISO 10993 and IEC/EN/AAMI/ES 60601.





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Textile,
Footwear,
Furniture &
Material
Testing

OVERVIEW

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Textiles, footwear, furniture and even building materials are all parts of our daily lives. The quality and safety of them are not to be neglected. As the first testing laboratory for textiles in Hong Kong, we help your products stand out from the rest by ensuring your products and even their raw materials comply with different safety regulations and in line with international standards.

SCOPE OF SERVICES

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Furniture Testing	Household Products Testing
Bunk Beds	Spectacles
Mattresses	Sunglasses
Seatings & Tables	Luggages
Composite Wood Products	Sanitary & Toilet Accessories
Formaldehyde	Water-consuming Appliances (Showerhead & Water Tap)
Household Products Testing	
Candles	Gas Appliances
Condoms	Pillows
Cutlery & Kitchenware	Quilts

Textiles and Apparel Testing	Construction Materials Testing
Care Labelling	Door Closers
Colour Fastness	Lock Sets
Dimensional Stability (Shrinkage)	Paints
Fibre Identification and Composition	Safety Glasses
Flammability	Tiles
Performance Evaluation	Adhesive & Sealants
Safety & Ecological Testing	
Accelerated Weathering Testing	Paper and Packaging Testing
Hosiery Testing	Physical & Mechanical Testing
Colour Measurement Testing	
Vehicle Interior Accessories Testing	Chemical Properties
Physical Testing	Transit Testing (Compression, Drop & Vibration)
Functional Testing	
Ecological Safety Testing	Box Certification
VOC Emissions Testing	Conditioning Testing

FLAMMABILITY TESTING

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To reduce the risk of fire caused by combustible materials, STC provides our customers with a series of standardized flammability testing services on textiles and apparel, construction materials and upholstered furniture, mattresses, bedding items, carpets and curtains, etc. All tests are conducted according to local and international standards and regulations to ensure product safety.





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Inspection & Auditing Services

OVERVIEW

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As an international buyer, you are always dealing with overseas transactions where you can't be sure the products you want are properly manufactured the way you want it. Hong Kong Inspection Company, 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, inline production checks to final random inspection when the goods are produced. We help assure product quality and with our internationally recognized reports, we facilitate establishment of supply chains for overseas businesses in China and improve purchase experience of overseas buyers.

INSPECTION SERVICES

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- Apparel
- Toys
- Luggage
- Electrical & electronic products
- Watches & clocks
- Footwear
- Cosmetics & sundry products



Depending on your particular inspection and auditing requirements, we can provide the following services or tailor-make a service plan to suit your specific needs and budget:

 Initial Factory Evaluation (IFE)

 Initial Production Check (IPC)

 During Production Inspection (DUPRO)

 Final Random Inspection (FRI)

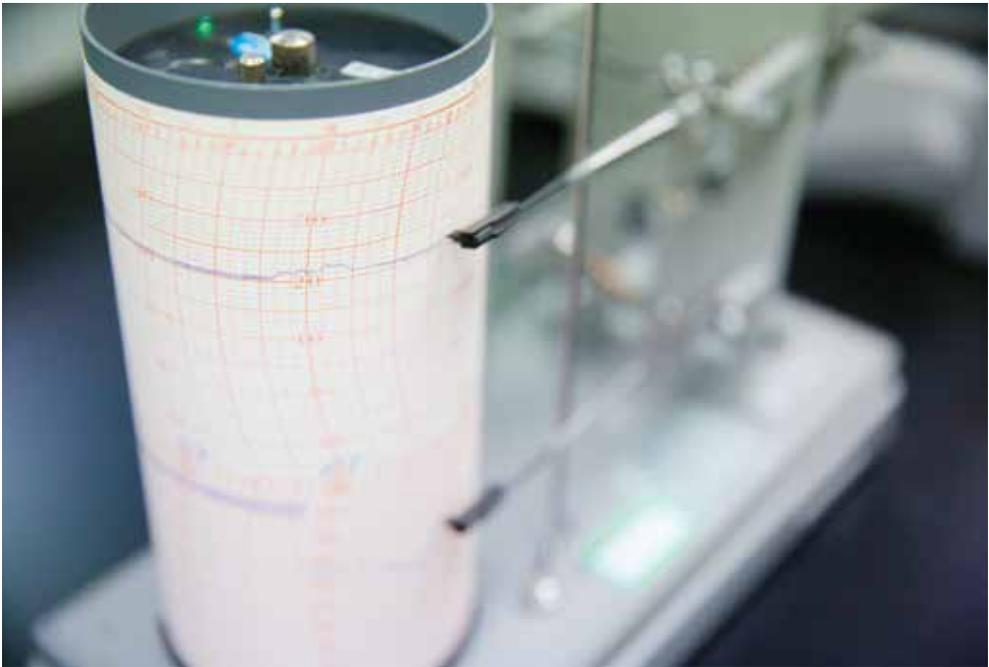
 Pre-shipment Inspection (PSI)

 Loading Supervision

 Factory Audits (including COC, social responsibility, quality & BRC)

 Cargo Survey

 Sample Drawing





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Hong Kong Certification Centre

OVERVIEW

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In support of the Consumer Goods Safety Ordinance, Hong Kong Certification Centre was established in 1998 as a subsidiary of STC. Through our one-stop professional certification service, you could obtain certification required for your products efficiently and cost-effectively.

PRODUCT CERTIFICATION SCHEMES

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香港安全標誌
Hong Kong Safety Mark

Hong Kong Safety Mark



優質「正」印
"STC tested" Mark

"STC tested" Mark



MEDICAL DEVICE

Medical Equipment Certification Scheme



香港綠色標誌
Hong Kong ECO Mark

Eco Products Certification Scheme



Water Quality and Supply Facilities
Certification Scheme



BIODEGRADABLE

Biodegradable Products Certification Scheme



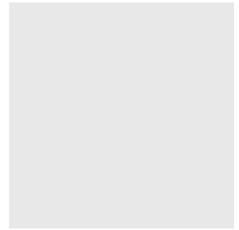
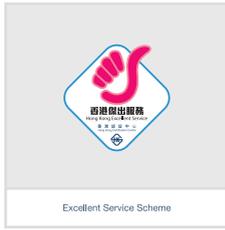
Phthalate
Compliance
塑化劑符合國際標準

Phthalates Compliance Products Certification



雌激素安全

Estrogen Safety Mark



HONG KONG SAFETY MARK

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Launched in 1998, Hong Kong Safety Mark is the first product certification scheme in Hong Kong. Products with the Mark signify they have passed certain safety tests to local and international standards, and the production process has been thoroughly assessed and complies with strict requirements.

The Hong Kong Safety Mark aims to enhance public awareness on product safety, aid consumers in identifying products that have been tested and in compliance with current safety regulations, assist manufacturers to improve brand image and hence promote their products at the same time.



Contact Us

CHINA

HONG KONG

Hong Kong Standards and Testing Centre (Headquarters)
10 Dai Wang Street, Tai Po Industrial Estate,
Tai Po, N.T., Hong Kong
Tel : +852 2666 1888
Fax : +852 2664 4353
Email : hkstc@stc.group
Website : www.stc.group

Hong Kong Inspection Company

Unit B, 10/F, Block 1,
Tai Ping Industrial Centre,
No.57 Ting Kok Road, Tai Po, N.T.,
Hong Kong
Tel : +852 2666 1821
Fax : +852 2664 4353
Email : hkic@hk-ic.com
Website : www.hk-ic.com

Hong Kong Certification Centre

Unit B, 10/F, Block 1,
Tai Ping Industrial Centre,
No.57 Ting Kok Road, Tai Po, N.T.,
Hong Kong
Tel : +852 2661 2083
Fax : +852 2661 3181
Email : hkcc@hk-cc.hk
Website : www.hk-cc.hk

DONGGUAN

STC (Dongguan)
68 Fumin Nan Road, Dalang, Dongguan,
Guangdong, China
Zip Code : 523770
Tel : +86 769 8111 9888
Fax : +86 769 8111 6222
Email : dgstc@stc.group
Website : www.dgstc.group

SHANGHAI

STC (Shanghai)
130 Huashen Road, Waigaobao
Free Trade Zone, Shanghai, China
Zip Code : 200131
Tel : +86 21 5219 8248
Fax : +86 21 5219 8248
Email : shstc@stc.group
Website : www.shstc.group

CHANGZHOU

STC (Changzhou)
19 Xinke Road,
Electronic-Technology Park,
Changzhou, Jiangsu, China
Zip Code : 213031
Tel : +86 519 8548 7806
Fax : +86 519 8548 7811
Email : czstc@stc.group
Website : www.czstc.group

Microtek Changzhou Laboratories

19 Xinke Road,
Electronic-Technology Park,
Changzhou, Jiangsu, China
Zip Code : 213031
Tel : +86 519 8548 7809
Fax : +86 519 8548 7810
Email : mayteng@thetestlab.cn
Website : www.thetestlab.cn

NORTH AMERICA

STC (USA)
(formerly Benchmark Laboratories LLC)
415 Hamburg Turnpike, Suite B-1, Wayne,
NJ 07470, USA
Tel : +1 862 229 6388
Fax : +1 862 229 6338
Email : usstc@stc.group

EUROPE

STC (Germany)
(formerly PKM electronic GmbH)
Ohmstrasse 1, 84150 Frontenhausen, Germany
Tel : +49 8732 6381
Fax : +49 8732 2345
Email : grstc@stc.group

ASIA

STC (Vietnam)
Unit 905, 9th floor, Taiyo Building,
No. 97 Bach Dang, Ha Ly Ward, Hong Bang District,
Haiphong, Vietnam 04111
Tel : +84 225 3668188
Fax : +84 225 3668199
Email : vnstc@stc.group

STC (Japan)
CONFORT III 202, 5-10-12 Nishinipponi,
Arakawa City, Tokyo 116-0013, Japan
Tel : +81 3 6806 6767
Fax : +81 3 6806 6767
Email : jpo@stc.group

