



# China Compulsory Certification

***Electrical and Electronic Products*** ▶





## What is CCC?

China Compulsory Certification (CCC) was established by the Certification and Accreditation Administration of the People's Republic of China (CNCA) according to the Compulsory Product Certification Regulations, and has been in effect since 1 May 2003. To date, the CCC catalog includes 159 types of products across 22 categories, covering household products, audio-visual equipment, information technology equipment, communications equipment, medical equipment, lighting equipment, wires and cables, toys and strollers, etc. All products within the scope of CCC certification have to pass testing and factory inspection conducted by CNCA-designated organizations, and have the CCC logo affixed on the products before they can be sold, imported or used for commercial purposes in China.







## **STC One-stop CCC Service**

Founded in 1963 with its headquarters in Hong Kong, STC is an independent, not-for-profit testing, inspection and certification organization offering one-stop professional conformity assessment service and helping clients around the world penetrate into the global marketplace.

As a multinational corporation, STC has not only established offices and laboratories in major China cities such as Shanghai, Dongguan, Shenzhen, Zhongshan, Changzhou, but also reached out globally in Germany, Italy, the United States, Vietnam and Japan. Our state-of-the-art facilities enable us to perform testing on a wide range of products.




In as early as 2012, STC became the first third-party laboratory in Hong Kong to acquire the accreditation to provide CCC testing service. In 2014, STC (Dongguan) successfully became the first non-governmental organization in China to obtain the designated CCC testing laboratory status and provide full-scope CCC toy testing service. Then in 2017, STC (Dongguan) expanded the scope of its CCC testing service to include information technology equipment and lighting products.

To meet the needs of its clients, STC provides one-stop CCC certification and support services from application and document preparation to type testing and factory inspection.

 <b>Production Support</b> <ul style="list-style-type: none"><li>• Production consistency management</li></ul>	 <b>Documentation Support</b> <ul style="list-style-type: none"><li>• Preparation of quality management system document</li><li>• Translation of documents</li></ul>
 <b>Laboratory Support</b> <ul style="list-style-type: none"><li>• Procurement and calibration of equipment</li><li>• Establishment and auditing of laboratory</li></ul>	 <b>Auditing Support</b> <ul style="list-style-type: none"><li>• Pre-audit service</li><li>• Internal training</li></ul>



## CCC Testing Service Scope of STC Electrical and Electronic Products Division

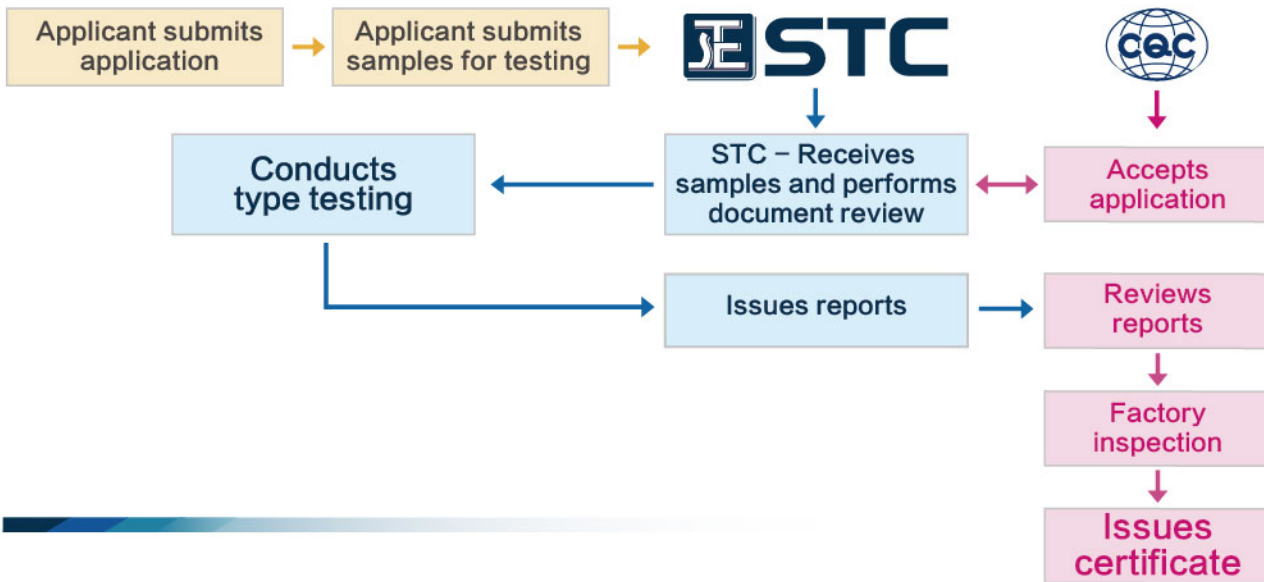
Category	Products	Testing Standards
 <b>Information Technology Equipment</b>	Microcomputers	GB 4943.1-2011
	Portable computers	GB 17625.1-2012
	Computer display devices and projectors	GB/T 9254-2008
	Computer built-in power supplies, adaptors and chargers	
 <b>Lighting Products</b>	Fixed general purpose luminaires	GB 7000 series GB/T 17743-2007 GB 17625.1-2012 GB 19510 series
	Recessed luminaires	
	Portable general purpose luminaires	
	Aquarium luminaires	
	Mains socket outlet-mounted nightlights	
	Ground recessed luminaires	
	Portable luminaires for children	
	Ballasts for fluorescent lamps	
	Ballasts for discharge lamps (excluding fluorescent lamps)	
	A.C. supplied electronic ballasts for fluorescent lamps	
D.C. or A.C. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)		
D.C. or A.C. supplied electronic control gear for LED modules		
 <b>Audio-Visual Equipment</b>	Audio-visual equipment	GB 8898-2011
	Audio power amplifiers	GB/T 13837-2012
	Various optical disc playback and processing equipment	GB 17625.1-2012
	Radio receivers for various broadcasting frequencies	
	Combination speakers	



## International Certification Services provided by STC Electrical and Electronic Products Division



## CCC Application Procedure



## Documents Needed for CCC Application:

### Electronic documents

- Business licenses of applicant, manufacturer and factory
- User manual (Chinese version)
- Nameplate
- ODM/OEM agreement (color seal)
- Factory inspection chart (color seal and signature)
- Circuit diagram and circuit board design
- List of critical safety components (in Word format)
- List of non-metal materials (if any)
- List of critical EMC components (in Word format)
- List of battery and battery parameters (if Lithium battery is used)
- CB Test Certificate (only applicable to lighting products applying for CCC+CB certification)

### Printed document

- CCC application form (with signature and official seal)

## Lead Time and Sample Requirements for CCC Application

If all the required information is submitted, each application unit takes around 20-30 days to process. Each application unit may include single or multiple product series (products with similar functions, designs and characteristics can be regarded as one application unit). As for sample quantity requirement, each application unit requires about 2-4 sets of the first model and 2 sets of each additional model.

## Critical Safety Components – Proof of CCC Compliance

Critical safety components used in products submitted for CCC application, including but not limited to transformers, PCBs, enclosures, lithium batteries, fans, photo couplers, etc., must comply with the relevant CCC requirements. Presentation of relevant certificates could reduce the testing lead time.



## Basic Requirements for CCC Factory Inspection

<b>Article 1</b>	<ul style="list-style-type: none"> <li>The factory is the first responsible person to ensure the certified product conforms to the Implementation Rules for Product Certification.</li> </ul>
<b>Article 2</b>	<ul style="list-style-type: none"> <li>The factory shall ensure production conforms to the Implementation Rules and the Requirements for Factory Quality Assurance Ability, and ensure the mass-produced products are consistent with the type-test samples.</li> </ul>
<b>Article 3</b>	<ul style="list-style-type: none"> <li>The factory shall fully understand the information and requirements published on the certification body's website promptly.</li> </ul>
<b>Article 4</b>	<ul style="list-style-type: none"> <li>The factory shall set up and maintain documented procedures compliant with the requirements on factory quality management and product quality control.</li> </ul>
<b>Article 5</b>	<ul style="list-style-type: none"> <li>The factory shall maintain record of inspection and testing conducted throughout production.</li> </ul>
<b>Article 6</b>	<ul style="list-style-type: none"> <li>The factory shall cooperate with the certification body in scheduling factory inspections and in conducting unannounced follow-up inspections, otherwise, the certification body has the right to suspend the certification.</li> </ul>
<b>Article 7</b>	<ul style="list-style-type: none"> <li>The factory shall allow the inspectors access to all the areas involved in the certification for sampling and inspection, perusal of related records, and contact with related personnel (any confidential area should be reported to the certification body).</li> </ul>
<b>Article 8</b>	<ul style="list-style-type: none"> <li>The factory shall conduct on-site witness testing by factory personnel as requested by the inspectors.</li> </ul>
<b>Article 9</b>	<ul style="list-style-type: none"> <li>The factory shall cooperate with the inspectors to conduct consistency inspection of the products, and arrange for product dismantling in the course of inspection if necessary.</li> </ul>
<b>Article 10</b>	<ul style="list-style-type: none"> <li>The factory shall explain any alteration or variation done to the certified product during the inspection.</li> </ul>
<b>Article 11</b>	<ul style="list-style-type: none"> <li>In case that sampling test is required, the factory shall cooperate with the inspectors to seal up the sample on the spot, and send the sample to the designated testing lab as scheduled.</li> </ul>
<b>Article 12</b>	<ul style="list-style-type: none"> <li>The factory shall provide the necessary convenience to facilitate the work of the inspectors.</li> </ul>
<b>Article 13</b>	<ul style="list-style-type: none"> <li>The factory shall communicate with the certificate holder and duly pay the inspection fee (including man-day fee of inspector and transportation), annual fee and sampling test fee (if any).</li> </ul>
<b>Article 14</b>	<ul style="list-style-type: none"> <li>The factory must not allow release of the following products:           <ul style="list-style-type: none"> <li>➢ Non-conforming products</li> <li>➢ Products modified after certification but yet to be confirmed by the certification body</li> <li>➢ Products past their terms of certificate validity</li> <li>➢ Products listed on a certificate that has been suspended, cancelled or revoked</li> <li>➢ Products sealed up for keeping when the factory inspection is deemed failed</li> </ul> </li> </ul>
<b>Article 15</b>	<ul style="list-style-type: none"> <li>The factory shall inform the certification body promptly of any change to its contact details.</li> </ul>



## Labeling on the Product

Upon receiving the certificate, the applicant shall apply for CCC mark labeling from the CCC Mark Center. There are two options for the CCC marking:



### Ready-made Sticker

Comes with several size options and anti-counterfeit features, available for purchase from the CCC Mark Center



### Produced by Applicant

CCC Mark can be applied through various methods including printing, pressing, molding, etc. Prior approval from the CCC Mark Center is required

### Documents required for printing/pressing CCC mark application:

- The original copy of the printing/pressing CCC mark application form, complete with the applicant's official seal and authorized signature
- Copy of CCC certificate
- The original copy of the power of attorney stamped and signed by the applicant or the manufacturer, if applied through an agent

### Application procedure for printing/pressing CCC mark:

- Application shall be processed on-site at the CCC Mark Center or its Beijing branch office, or by mail to the CCC Mark Center (branch office not applicable).
- The CCC Mark Center will complete the application review within 3 working days and send feedback to the applicant on the progress via email or fax.
- Upon receiving the pro forma invoice, the applicant should process the payment accordingly and return the remittance receipt (the pro forma invoice number shall be entered in the remarks column when making remittance at the bank).
- In case of receiving a rectification notice, the applicant shall make timely rectification accordingly.
- The CCC Mark Center will complete the approval and send the notice by mail within 2 working days of the receipt of payment.

## Other Mandatory Requirements beyond CCC

In addition to the CCC, certain electrical products also need to comply with other relevant regulations in China (If applicable).

### China Energy Label

Monitors, LCD TVs, energy-saving lamps, etc. that are manufactured or sold in China must comply with the country's Energy Efficiency Labeling Management Scheme and have the "China Energy Label" affixed to the front panel of the product. The label indicates the product's energy efficiency rating in order to provide the necessary information for users and consumers to make purchasing decisions, and to guide and assist the consumers in choosing energy-efficient products.

### State Radio Regulation of China (SRRC)

All radio products sold or used in China must obtain the "Type Approval Certificate for Radio Transmitting Equipment" and indicate the type approval code (CMIITID) on the label of the manufactured equipment. In addition, applicants must be aware that certain radio transmitting equipment requires not only the Type Approval Certificate for Radio, but also the China Compulsory Certification (CCC) and/or the Network Access License (from MII).

# STC Global Network



## CHINA

### HONG KONG

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

10 Dai Wang Street, Tai Po Industrial Estate, Tai Po, N.T., Hong Kong

☎ +852 2666 1888 ✉ hkstc@stc.group  
☎ +852 2664 4353 🌐 www.stc.group

#### Hong Kong Inspection Company

10 Dai Wang Street, Tai Po Industrial Estate, Tai Po, N.T., Hong Kong

☎ +852 2667 2628 ✉ hkic@hk-ic.com  
☎ +852 2664 4353 🌐 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

☎ +852 2661 2083 ✉ hkcc@hk-cc.hk  
☎ +852 2661 3181 🌐 www.hk-cc.hk

### DONGGUAN

#### STC (Dongguan)

68 Fumin Nan Road, Dalang, Dongguan, Guangdong, China  
Zip Code: 523770

☎ +86 769 8111 9888 ✉ dgstc@stc.group  
☎ +86 769 8111 6222 🌐 www.stc.group

### SHENZHEN

#### STC (Shenzhen)

Room 806, 8/F, Block A, Reith International, 1002 Yanhe North Road, Luohu District, Shenzhen, China  
Zip Code: 518033

☎ +86 755 8366 6380 ✉ hkic@hk-ic.com  
☎ +86 755 8366 6430 🌐 www.stc.group

### ZHONGSHAN

#### STC (Zhongshan)

Block 1603, Business Building 3, Creative Industry Park, Gangyi Road, Torch Development Zone, Zhongshan, Guangdong, China  
Zip Code: 528400

☎ +86 760 8880 2536 ✉ zso@stc.group  
☎ +86 760 8880 2536 🌐 www.stc.group

### SHANGHAI

#### STC (Shanghai)

130 Huashen Road, Waigaoqiao Pilot Free Trade Zone, Shanghai, China  
Zip Code: 200131

☎ +86 21 5219 8248 ✉ shstc@stc.group  
☎ +86 21 5219 8249 🌐 www.stc.group

### CHANGZHOU

#### STC (Changzhou) Changzhou Electronic Product Quality Supervision & Inspection Co., Ltd.

19 Xinke Road, Electronic-Technology Park, Changzhou, Jiangsu, China  
Zip Code: 213031

☎ +86 519 8548 7806 ✉ czstc@stc.group  
☎ +86 519 8548 7811 🌐 www.stc.group

#### Microtek Changzhou Laboratories

19 Xinke Road, Electronic-Technology Park, Changzhou, Jiangsu, China  
Zip Code: 213031

☎ +86 519 8548 7809  
☎ +86 519 8548 7810  
✉ mayteng@thetestlab.cn  
🌐 www.thetestlab.cn

## NORTH AMERICA

### STC (USA)

#### Benchmark Laboratories LLC

15 Corporate Drive, #8-9, Wayne, NJ 07470, USA

☎ +1 862 229 6388 ✉ usstc@stc.group  
☎ +1 862 229 6338 🌐 www.stc.group

## EUROPE

### STC (Germany)

#### PKM electronic GmbH

Ohmstrasse 1,84160 Frontenhausen, Germany

☎ +49 8732 6381 ✉ info@pkm.eu.com  
☎ +49 8732 2345 🌐 www.pkm.eu.com

### STC (Italy)

Via del Mare, 47, 20142 Milano, Italy

☎ +39 2 8951 6917 ✉ isbd@stc.group  
☎ +39 2 4550 3617 🌐 www.stc.group

## ASIA

### STC (Vietnam)

Unit 102, Ground Floor, Lot T2-4, D1 Street, High Tech Park, District 9, Ho Chi Minh City, Vietnam

☎ +84 28 5448 2080 ✉ vnstc@stc.group  
☎ +84 28 5448 2060 🌐 www.stc.group

### STC (Japan)

Arca Central Building, 14/F 1-2-1 Kinshi, Sumida-ku, Tokyo, 1300013, Japan

☎ +81 3 6853 6725 ✉ jpo@stc.group  
☎ +81 3 6853 6601 🌐 www.stc.group



[www.stc.group](http://www.stc.group)