

INTERTEK'S CCC SERVICE FOR LIGHTING PRODUCTS

Introduction of CCC

The full name of CCC is "China Compulsory Certification", which is a product qualification assessment system implemented by the Chinese government according to laws and regulations in order to protect the personal safety of consumers, the lives of animals and plants, the environment and national security. It requires products to comply with national standards and technical regulations (based on the "Product Quality Law", "Law on Import and Export Commodity Inspection" and "Standardization Law"). China Compulsory Certification refers to the implementation of compulsory testing and examination for products listed in the Catalogue through the establishment of the product catalogue for China Compulsory Certification and the implementation of China Compulsory Certification procedures. No products listed in the Catalogue can be imported, shipped and sold or used in business or service places before they have obtained a CCC certificate from a designated certification body or have been applied with a CCC mark as required.

The so-called 3C certification is China Compulsory Certification, shortened as CCC.



The CCC system was implemented as of May 1, 2002, and relevant certification bodies officially began accepting applications. In order to ensure the smooth transition of the new and old systems, the former product safety certification system and the import safety quality licensing system were abolished from August 1, 2003.

The former "CCC" certification marks were divided into four categories, namely:

- CCC+S Safety certification mark
- CCC+EMC Electromagnetic compatibility certification mark
- CCC+S&E Safety and electromagnetic compatibility certification mark
- CCC+F Fire protection certification mark

From March 20, 2018 on, the mark will be unified with the left one after the mark reform. The CCC mark is no longer marked with S (safety products), EMC (electromagnetic

compatibility), S&E (safety and electromagnetic compatibility), F (fire protection) and other sub-categories, and the former CCC mark can be naturally phased out based on the mold replacement cycle, product inventory and other conditions. Details can be found in the Announcement No. 10 of 2018 on the Certification and Accreditation Administration website: www.cnca.gov.cn

In March 2018, Intertek Guangzhou (Address: Block E, No. 7-2, Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD) obtained the qualification as a CCC accreditation laboratory for lighting products and became one of the first batch of foreign testing laboratory in Chinese mainland that were qualified as CCC accreditation laboratories for lighting products.

CCC Coverage of lighting products

PRODUCT NAME	SAFETY STANDARD	EMC STANDARD
Fixed general-purpose luminaire	GB 7000.1, GB 7000.201	GB/T 17743, GB 17625.1
Portable general-purpose luminaire	GB 7000.1, GB 7000.204	GB/T 17743, GB 17625.1
Recessed luminaire	GB 7000.1, GB 7000.202	GB/T 17743, GB 17625.1
Aquarium luminaire	GB 7000.1, GB 7000.211	GB/T 17743, GB 17625.1
Mains socket-outlet mounted nightlights	GB 7000.1, GB 7000.212	GB/T 17743, GB 17625.1
Ground recessed luminaire	GB 7000.1, GB 7000.213	GB/T 17743, GB 17625.1
Portable luminaires for children use	GB 7000.1, GB 7000.4	GB/T 17743, GB 17625.1
Ballast for fluorescent lamps	GB 19510.1, GB 19510.9	GB/T 17743, GB 17625.1
Ballast for discharge lamps (except fluorescent lamps)	GB 19510.1, GB 19510.10	GB/T 17743, GB 17625.1
AC electronic ballast for fluorescent lamps	GB 19510.1, GB 19510.4	GB/T 17743, GB 17625.1
Electronic ballast for high intensity gas discharge lamps	GB 19510.1, GB 19510.13	GB/T 17743, GB 17625.1
DC or AC supplied electronic control gear for LED modules	GB 19510.1, GB 19510.14	GB/T 17743, GB 17625.1

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Introduction to Intertek's Electronic and Electrical Business

Intertek's electrical and electronic business began with the electrical laboratory established by Edison in 1896, namely the later ETL. Through our worldwide network of authorized laboratories, we provide fast and professional product testing, inspection and certification solutions for electrical and electronic products and their part & component products in various industries such as household appliances, lighting

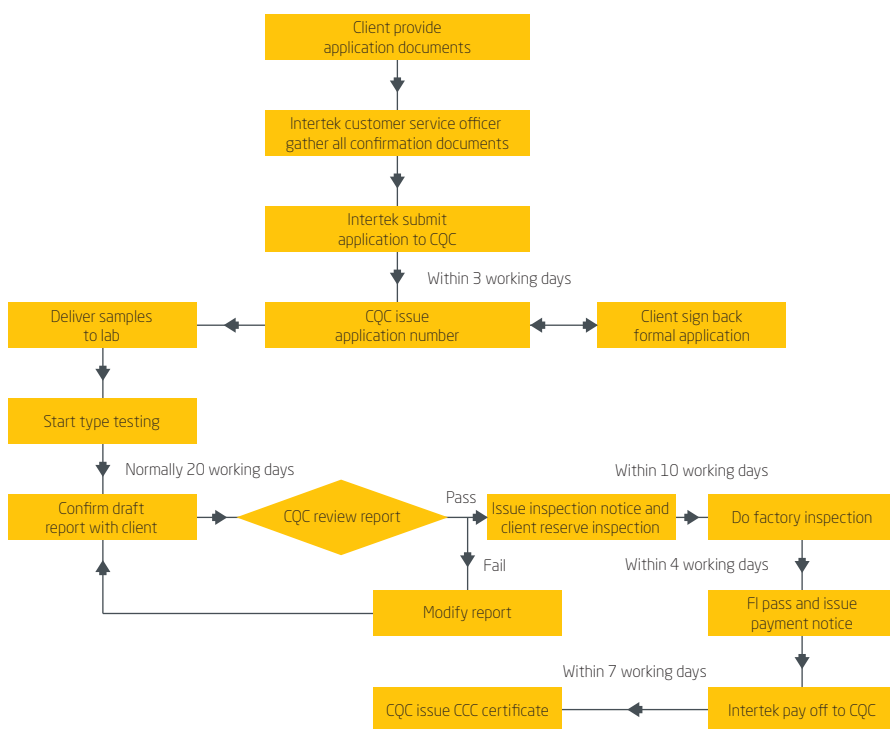
products, consumer electronics, information technology and communications, energy, medical equipment, and industrial products.

The scope of services includes:

- Product safety testing and certification
- Product performance reliability and compliance testing
- Energy efficiency assessment
- Harmful chemical testing
- Goods inspection
- Engineering evaluation and acceptance
- Consulting and training

Intertek has always been leading in the field of standard and conformity assessment, with more than 100 personnel working in more than 200 standard and conformity assessment committees, including serving as chairman, secretary general, finance minister, meeting organizer, BOD chairman and other posts in international organizations such as IECEE, NFPA, ASTM, ISA, USNC/IECEX, ISO, A2LA, EFSI.

CCC procedures



What materials are required for an enterprise to apply for certification?

The enterprise should generally provide the following documents:

- 1) Identification document (Business license, trading certificate etc.) of the applicant
- 2) Assembly drawing, PCB layout and circuit diagram
- 3) Critical components list and/or BOM (Bill of Material) list
- 4) Other documents needed to be explained by the applicant
- 5) When the applicant is a seller or importer, it shall submit to the designated certification body a copy of the relevant contract between the seller and the producer or the importer and the producer (OEM or ODM agreement)
- 6) If the applicant entrusts another party to apply for product certification in the Catalogue, it shall conclude a contract with the entrusted party for certification, testing, inspection and follow-up inspection. The entrusted party shall simultaneously submit the copies of the POA (power of attorney), the entrustment contract and other relevant contracts to the designated certification body

The technical documents required for specific products can be found in the requirements of the CCC implementation rules of the product. At the beginning of the project approval, the customer service officer responsible for the project will send an email to the applicant to ask the applicant to prepare relevant materials.

FOR MORE INFORMATION

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About Intertek

Intertek is a leading Total Quality Assurance provider to industries worldwide. Our network of more than 1,000 laboratories and offices and over 44,000 people in more than 100 countries, delivers innovative and bespoke Assurance, Testing, Inspection and Certification solutions for our customers' operations and supply chains. Intertek Total Quality Assurance expertise, delivered consistently with precision, pace and passion, enabling our customers to power ahead safely.