

FCC and Industry Canada Certification Accredited Telecommunication Certification Body



Telecommunication Certification Body (TCB)

In an effort to make the certification process more efficient for manufacturers, the Federal Communications Commission (FCC) and Industry Canada have appointed Telecommunication Certification Bodies (TCBs). With offices and laboratories around the world, Intertek is **the full-scope TCB** that can provide local testing to global clients who need FCC and Industry Canada Certification for their products. We can help you reduce the critical time-to-market and significantly cut down on costs and logistics problems.

We offer:

- Fast turnaround time on reviewing and issuing certificates
- Expert guidance on attaining certification for your products
- Accreditation to test against a broad range of carrier, industry, and government safety compliance and performance criteria

FCC Certification (United States)

Manufacturers who wish to sell telecom, licensed RF, and low powered transmitters in the United States must have their products tested by FCC listed or accredited lab and certified by the FCC for EMC/Telecom compliance. We provide independent FCC testing and certification services that will help get your products to market faster, enabling greater sales and revenue potential. We can help you attain FCC Certification in less than half the time it takes the FCC.

Intertek is an FCC-designated Telecommunication Certification Body (TCB), can test and certify to the following FCC Rules:

FCC Part 11; FCC Part 15; FCC Part 18; FCC Part 22; FCC Part 24; FCC Part 27;
FCC Part 68; FCC Part 90; FCC Part 95, etc.

Intertek's TCB Scope of Accreditation

- Scope A1-A4: Unlicensed Radio Frequency Device such as bluetooth, computers, telephones, WiFi, and low power transmitters
- Scope B1-B4: Licensed Radio Frequency Device such as mobile phones and tablets
- Scope C: Telephone Terminal Equipment such as modems, PBXs and telephones

We will work with you at the design stage and provide you with a detailed analysis of potential EMC non-compliances and suggest low-cost, easily implemented product design alternatives.

Intertek has closely tracked the evolution of FCC regulations from both a legal and technical standpoint. We can show you exactly how the FCC would conduct testing and duplicate their test techniques in our own laboratories.



Valued Quality. Delivered.

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We keep you up to speed on current regulations and assist you with paperwork and labeling requirements. We can also assist you during product re-designs to ensure your devices remain in compliance with FCC regulations.

Industry Canada Approvals (Canada)

Intertek has been recognized by Industry Canada to certify equipment to Canadian radio communication and broadcasting requirements. Our IC registered EMC laboratories can test equipment to Radio Standards Specifications (RSS) and Interference-Causing Equipment Standard (ICES). From voice frequency to ISDN and T1 designs, Intertek can test a variety of equipment. We offer the same benefits as our FCC Part 68 program in the U.S. including design reviews, compliance testing, and the filing of all necessary paperwork with Industry Canada.

Industry Canada recognizes Canadian and foreign entities as Certification Bodies (CBs), under the terms of Mutual Recognition Agreements/Arrangements (MRAs), to certify products to Canadian regulatory requirements.

Intertek's TCB Scope of Accreditation

- Radio Scope 1: Licence-exempt Radio Frequency Devices
- Radio Scope 2: Licensed Personal Mobile Radio Services
- Radio Scope 3: Licensed General Mobile and Fixed Radio Services
- Radio Scope 4: Licensed Maritime and Aviation Radio Services
- Radio Scope 5: Licensed Fixed Microwave Radio Services
- Broadcasting – All BETS in the Category I Equipment Standards List

To ensure that customer premise equipment (CPE) does not emit harmful frequencies, we offer electromagnetic compatibility (EMC) testing facilities and experts around the world. Many of our facilities are equipped with 5 and 10 semi-anechoic chambers, and Outdoor Area Test Sites (OATS). In addition, our labs are also capable of conducting Network Equipment Building Systems (NEBS), European Telecommunications Standards Institute (ETSI) testing, and Electrical Safety Testing.

Intertek's laboratories are fully equipped and accredited to conduct testing to various international requirements. In fact, we can concurrently conduct testing for FCC compliance and similar services for Canadian approval, EU Declaration of Conformity, ACA compliance of telecom equipment, and VCCI marking in Japan, among others.

For further details about our testing and certification services, please contact us at:

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