



TCB CERTIFICATE SERVICE

FROM CURTIS-STRAUS LLC -
A BUREAU VERITAS COMPANY



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VERITAS



WHAT IS A TCB?

A Telecommunication Certification Body (TCB) is an accredited organization with the authority to issue Grants of Certification for compliance with Federal Communications Commission Rules & Regulations.



WHAT IS A FCB?

A Foreign Certification Body is a recognized independent organization outside of Canada which conducts certification of radiocommunication equipment for the purpose of sale in the Canadian market.

BUREAU VERITAS CURTIS STRAUS IS A TCB

Bureau Veritas Curtis Straus is one of the 13 original TCBs (Telecommunication Certification Body) recognized by the FCC in 2000. We have issued over 12,000 grants across more than 6000 FCC IDs.

FCC certification is an equipment authorization issued by a Telecommunication Certification Body (TCB), a independent third-party recognized by the FCC to approve products.

Key Benefits of the Bureau Veritas Curtis Straus Solution

- Fast turnaround time. It takes **5~7 working days** for certification only
- Very attractive **pricing**
- Recognition. Bureau Veritas Curtis Straus' reputation is **well-known** to all industries

SURVEILLANCE

TCB

Annual Surveillance Rate: Sample 5% of the total number of products certified under Scopes A and B on a proportional basis based on the number of FCC grants issued. Sample 1% of devices with a specific absorption rate (SAR) and sample 2% of devices certified under Scope C.

Sampling from Market

Section 2.962(g) of the FCC Rules requires a TCB conduct appropriate post market surveillance activities in accordance with ISO/IEC 17065. The requirements for TCBs were specified in the Commission's Report and Order (R&O) in GEN Docket 98-68 (FCC 98-338), adopted on December 17, 1998 and updated in ET Docket 13-44 (FCC 14-208) adopted on December 17, 2014.

Further guidance on the requirements for TCBs was given in Public Notice DA 99-1640. The FCC provides additional information regarding Accreditation Requirements for Telecommunication Certification Bodies in GEN Docket 98-68 (FCC 98-92), released on May 18, 1998.

View the OET Laboratory Division administrative guidance document 610077 D01 TCB Post Market Surveillance v6r01: https://apps.fcc.gov/kdb/GetAttachment.html?id=AWHyoTApku%2FSkvVA1wkMAw%3D%3D&desc=610077%20D01%20TCB%20Post%20Market%20Surveillance%20v06r01&tracking_number=20540

FCB

Surveillance -See CB-02 Section 5.3 for Product Audit Requirements

Samples to be audited

The number of samples to be audited by the CB in any given calendar year (January 1 through to December 31 inclusive) shall be based on the following:

- a. a minimum of five percent (5%) of the total number of products certified by the CB in that calendar year; and
- b. a minimum of one percent (1%) of the total number of products certified by the CB in that calendar year that are subject to specific absorption rate (SAR) requirements outlined in RSS102.

This one percent (1%) SAR audit can be part of the five percent (5%) audit in (a) if the audited equipment requires testing for both radio and SAR parameters.

Curtis-Straus (CS) LLC- A Bureau Veritas Company Certification scope

Number of products to be audited

When calculating the number of products to be audited, the following shall apply:

- a. different models of equipment covered under a unique ISED certification number are counted as a single product;
- b. the total number of products to be audited comprises the total number of products subject to:
 - i. single new certifications;
 - ii. new family certifications, as per RSP-100; and
- c. the number of products to be audited shall be rounded up to the next whole number. For example, a result of 0.04 is rounded up to 1; a result of 95.3 is rounded up to 96, and so on.

A product certified in a previous calendar year but audited in the current calendar year shall be credited as an audit in the current calendar year.

Resource: [https://www.ic.gc.ca/eic/site/smt-gst.nsf/vwapj/CB-02-v8-eng.pdf/\\$file/CB-02-v8-eng.pdf](https://www.ic.gc.ca/eic/site/smt-gst.nsf/vwapj/CB-02-v8-eng.pdf/$file/CB-02-v8-eng.pdf)

BUREAU VERITAS CURTIS STRAUS CERTIFICATION SCOPE

Telecommunication Certification

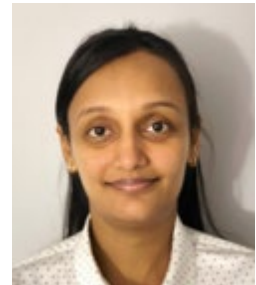
- FCC(A1)(A2)(A3)(A4)Unlicensed Radio Frequency Devices
- FCC(B1)(B2)(B3)(B4)Licensed Radio Frequency Devices
- FCC (C) Telephone Terminal Equipment
- ISED Radio Scope 1-Licence-exempt Radio Frequency Devices
- ISED Radio Scope 2-Licensed Personal Mobile Radio Services
- ISED Radio Scope 3-Licensed General Mobile and Fixed Radio Services
- ISED Radio Scope 4-Licensed Maritime and Aviation Radio Services
- ISED Radio Scope 5-Licensed Fixed Microwave Radio Services



WE HAVE A PROFESSIONAL TECHNICAL TEAM

TECHNICAL EXPERT: MRS. AMI SONI

Ami has over six years of experience within the Testing and Certification industry. Currently she is Certification Engineer II at Bureau Veritas Curtis Straus, responsible for the technical evaluation and certification of FCC, ISED, OFCA, and EU Notified Body RED & EMC programs. Her background experience is in the area of EMC testing.



TECHNICAL EXPERT: MR. EVAN GOULD

Evan has 18 years of experience within the Testing, Inspection and Certification industry. Currently he is the Principal Certification Engineer at Bureau Veritas Curtis Straus. His background experience is in the areas of EMC and wireless regulatory testing, as well as additional experience in Electrical Safety testing. Since transitioning to Certifications, he supports FCC, ISED, OFCA, IMDA, and MIC programs, including EU Notified Body RED & EMC activities. Evan helped establish the third-party ENERGY STAR program when the EPA decided to outsource the Certification functions. Evan is also a trained factory inspector for the NRTL Product Safety listing program.



CERTIFICATION MANAGER: MR. SCOTT LAMBERT

Scott has over 20 years of experience within the Testing, Inspection and Certification industry. Currently he is the Certification Manager at Bureau Veritas Curtis Straus, responsible for the management of all aspects of Curtis-Straus' Product Safety Certification (CSPSC) program operating as an OSHA recognized NRTL and Canadian Standards Council (SCC) Certification Body, Telecom and Wireless TCB/FCB programs, EPA ENERGY STAR and Canada NRCan Energy Efficiency certification programs and notified Body for RED & EMC.



ABOUT BUREAU VERITAS CURTIS STRAUS

Curtis-Straus LLC – A Bureau Veritas Company was founded in 1999. Currently two Littleton, MA facilities make up 75,000 sq. ft. housing EMC, Product Safety, Environmental Simulation and Photometric testing. Testing capabilities for both locations are listed at Electrical (1627.01) and Mechanical (1627.02) A2LA accredited scopes.

Bureau Veritas Curtis Straus is an OSHA Nationally Recognized Testing Laboratory (NRTL); an accredited Certification Body by the Standards Council of Canada (SCC); a recognized TCB/EPA laboratory; an accredited IECCE CBTL; an accredited “Independent Test Labs” (ITL) for Verizon – critical recognitions for being a one-stop-shop for our clients.

Along with these accreditations, Bureau Veritas Curtis Straus is recognized by NIST for testing and certification for MRA countries. The market is embracing our approach and effort in making Curtis-Straus one the largest and most preferred testing lab for the Telecom and ITE industries in New England.

As Bureau Veritas Curtis Straus grows, we remain focused on the original mission, delivering technical expertise, operational excellence, with superior customer relationships.

In 2005, Bureau Veritas Curtis Straus was acquired by Bureau Veritas, one of the largest and most well respected players in the global certification market. Currently Bureau Veritas is represented by 1,400 offices and laboratories, in 140 countries. More information can be found at www.curtis-straus.com.

CONTACT US

To learn more about Bureau Veritas
Curtis Straus' TCB Certification and all the
other certification programs we offer to
help bring your product to market, please
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