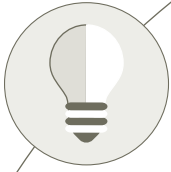


**CURTIS-STRAUS LLC – A BUREAU VERITAS COMPANY**  
NRTL/SCC SOLUTION



**BUREAU  
VERITAS**



# WHAT IS NRTL/SCC SOLUTION?

Nationally Recognized Test Laboratories (NRTLs) in the United States and Testing Organizations/Certification Bodies in Canada are third-party organizations recognized by OSHA (Occupational Safety and Health Administration) in United States and the SCC (Standards Council of Canada) in Canada as having the capability to provide product safety testing and certification services to the manufacturers of a wide range of products for use in North America.

Curtis-Straus LLC - A Bureau Veritas Company, approved by OSHA and SCC, can provide the necessary tools to meet certification requirements with an enhanced process.

## ***Key benefits of our solution***

(Bureau Veritas Listed Mark)

- Fast turnaround time. It takes **5 days** for certification only
- Very attractive **pricing**
- Recognition. Bureau Veritas Listed Mark is well-known to **U.S. retailers**
- **2** inspections per year
- **0** recall history



## WHICH PRODUCTS REQUIRE NRTL CERTIFICATION?

OSHA’s standards contain requirements for NRTL product testing and certification for **37 product types**. Visit the OSHA website to view a list of the type of products that require NRTL approval.

[www.osha.gov/dts/otpca/nrtl/prodcatg.html](http://www.osha.gov/dts/otpca/nrtl/prodcatg.html)

## CURRENT LIST OF NRTLs

Currently **18 organizations** are recognized under OSHA’s NRTL program.

Here are but a few: [www.osha.gov/dts/otpca/nrtl/nrtllist.html](http://www.osha.gov/dts/otpca/nrtl/nrtllist.html)

## WHICH RECOGNIZED STANDARDS BUREAU VERITAS CURTIS-STRAUS GET ALREADY?

Bureau Veritas Curtis Straus Scope: [www.osha.gov/dts/otpca/nrtl/csl.html](http://www.osha.gov/dts/otpca/nrtl/csl.html)

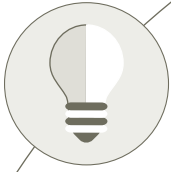
The following retailers accept the Bureau Veritas Curtis Straus NRTL mark

Academy	BlueStem Brands	Lowe’s
Ace Hardware	Canadian Tire Corporation	Meijer
Amazon	Cracker Barrel Old Country Store	Office Depot
Ascena Retail Group	CVS	Sam’s Club
Barnes & Noble	Do it Best	Staples Inc.
Bed Bath & Beyond	Grainger	Walmart
Best Buy		Williams Sonoma

## NRTL LISTED MARK

- Each NRTL authorizes manufacturers to use the NRTLs own Registered Mark.
- The Bureau Veritas Listed Mark with both “US” and “C” identifiers, at the 4 o’clock and 8 o’clock positions respectively, signifies that the product bearing the mark complies with both U.S. and Canadian product safety standards.





## **NRTL TESTING LAB AREA**

Bureau Veritas Curtis Straus is an approved NRTL recognized by OSHA in the United States and the SCC (Standards Council of Canada) in Canada. Through the Bureau Veritas global network, we are able to provide NRTL testing and certification in its locations in Littleton, MA; France, Germany, Taiwan and China. Learn more about Bureau Veritas Curtis Straus NRTL testing and certification services at: [www.curtis-straus.com](http://www.curtis-straus.com)

## **FAQ**

### **What aspects of a product do Safety Standards examine?**

1. Suitability for installation...
2. Mechanical strength and durability...
3. Wire-bending and connection space
4. Electrical insulation
5. Heating effects
6. Arcing effects
7. Classification
8. Other factors that contribute to the practical safeguarding of persons...

## **WHAT DOES IT MEAN FOR A PRODUCT TO BE APPROVED BY AN NRTL?**

- An NRTL has approved that the product met the requirements of the product safety standard.
- The NRTL will issue a Certification and License to use the NRTL's Registered Mark.
- The manufacturer can indicate that the NRTL has certified the product and that the product has met specified product safety standards by placing the NRTL's certification mark on the manufactured product
- Following the product certification, the NRTL monitors the manufacturer, the product, the marketplace, and the use of the NRTL's certification mark.

## HOW DOES THE NATIONAL ELECTRIC CODE RELATE TO NRTL?

NFPA leverages OSHA's NRTL program.

### NFPA-70 110.3 EXAMINATION, IDENTIFICATION, INSTALLATION, USE, AND LISTING (PRODUCT CERTIFICATION) OF EQUIPMENT

(A) Examination.

In judging equipment, considerations such as the following shall be evaluated:

1. Suitability for installation...
2. Mechanical strength and durability...
3. Wire-bending and connection space
4. Electrical insulation
5. Heating effects
6. Arcing effects
7. Classification
8. Other factors that contribute to the practical safeguarding of persons...

Suitability for installation and use in conformity with the provisions of this Code

*Suitability* of equipment use may be..

...identified by a description marked on or provided with a product to identify the suitability of the product for a specific purpose, environment, or application.

Special conditions of use or other limitations and other pertinent information may be marked on the equipment, included in the product instructions, or included in the appropriate listing and labeling information.

...evidenced by **listing** or **labeling**.

110.3 (A) (1) Informational Note No. 2: This is the reference.

## NFPA-70 ARTICLE 100 DEFINITIONS

### Listed.

Equipment, materials, or services included in a **list published** by an organization that is acceptable to the authority having jurisdiction and concerned with **evaluation of products** or services, that **maintains periodic inspection** of production of listed equipment or materials or periodic evaluation of services, and whose listing states that either the equipment, material, or service **meets appropriate designated standards** or **has been tested** and found suitable for a specified purpose.

### Labeled.

Equipment or materials to which has been attached a **label**, symbol, or other **identifying mark** of an organization that is acceptable to the authority having jurisdiction and concerned with **product evaluation**, that maintains **periodic inspection** of production of labeled equipment or materials, and by whose labeling the manufacturer indicates **compliance** with appropriate **standards** or performance in a specified manner.

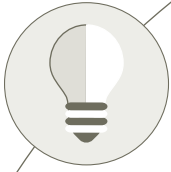
## 110.3 EXAMINATION, IDENTIFICATION, INSTALLATION, USE, AND LISTING (PRODUCT CERTIFICATION) OF EQUIPMENT

### (C) Listing.

Product testing, evaluation, and listing shall be performed by **recognized qualified electrical testing laboratories** and shall be in accordance with applicable product standards recognized as achieving equivalent and effective safety for equipment installed to comply with this *Code*.

The Occupational Safety and Health Administration (**OSHA**) recognizes qualified electrical testing laboratories that perform **evaluations, testing, and certification** of certain products to ensure that they meet the requirements of both the construction and general industry OSHA electrical standards.

If the listing is done under a qualified electrical testing laboratory program, this **listing mark signifies** that the tested and certified **product complies with** the requirements of one or more appropriate **product safety test standards**.



## HOW DO THE OSHA REQUIREMENTS RELATE TO THE NATIONAL ELECTRIC CODE?

OSHA standards are influenced by NFPA 70

### PERMISSIBLE LOADS – 80% RULE

“The rating of any one cord-and-plug-connected utilization equipment not fastened in place shall not exceed 80 percent of the branch-circuit ampere rating.”

*210.23 Permissible Loads (1)*

“This means that for the typical 15A house branch circuit, the maximum continuous loading is 12A. Therefore products certified to the requirements of the certification standard with a continuous load above 12A would not be permitted to be connected to a typical 15A house branch circuit.”

Accreditation Services Bulletin No. 2016-05

## IN SUMMARY

### IS PRODUCT CERTIFICATION REQUIRED?

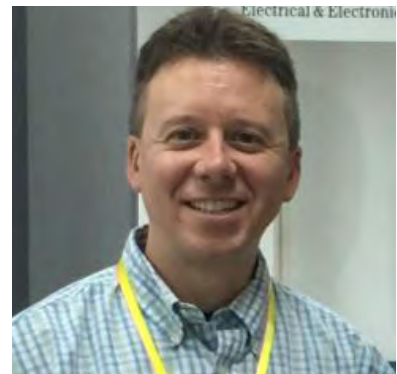
- In the workplace, under OSHA jurisdiction: – 29 CFR 1910 Subpart S requires electrical equipment to be **listed** by a NRTL
- National Electric Code (NFPA 70) – Article 110-2 requires that electrical equipment be **approved**

OSHA and the Authority having Jurisdiction will not accept “self-declaration” of compliance to a product standard

# WE HAVE A PROFESSIONAL TECHNICAL TEAM

## **PRINCIPAL ENGINEER: MR. STEVEN HENDERSON**

Steven has over 25 years of experience as a Product Safety expert in the fields of Medical, Office Equipment, Audio Visual Devices and Laser Equipment. He is an iNartie Certified Product Safety Engineer, a Laser Safety Officer and IECEE Technical Assessor in four Categories. Currently, Steven is Principal Engineer at Bureau Veritas Curtis Straus in charge of Medical Devices and Laser Equipment product approvals covering North American Product Safety mark, CE approval, CB scheme Certificates and FDA CDRH Laser submissions.



## **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 IECEE 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](http://www.curtis-straus.com).

# CONTACT US

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

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