



Field evaluation for electrical products in Canada

The route to acceptance by Authorities Having Jurisdiction (AHJs)

Electrical equipment for use within Canada must be approved and meet the safety requirements of the Canadian Electrical Code. Your electrical equipment does not necessarily need to go through the full product certification process, which may involve destructive testing. Instead, you can opt to have your equipment evaluated and approved using **Underwriters Laboratories of Canada's (ULC) Field Evaluation Program** and evaluate the equipment to the requirements of **SPE-1000, The Model Code for the Field Evaluation of Electrical Equipment**.



ULC's Field Evaluation Program provides you with the convenience of having your equipment evaluated either prior or post installation, on-site, or at the location of your choice.

While Field Evaluation is not meant to replace regular certification, ULC designed this program specifically for manufacturers, importers and even end users of electrical equipment that is "one of a kind" and also for electrical products and equipment produced in limited quantities. ULC Field Evaluation provides a one-time evaluation of specific electrical equipment, and once the equipment meets the requirements of the Model Code SPE-1000, the serialized ULC Field Evaluation Label will be applied to the electrical equipment right away. And you will receive the final report to satisfy the electrical authorities on the spot!

The ULC Field Evaluation Label and final report provide you with the proof of compliance the local electrical authorities require you to have before the equipment can be used. And most importantly, the ULC Field Evaluation Label is recognized and accepted by the Canadian Electrical Authorities and is accredited by the Standards Council of Canada. You can rest assured that when you work with ULC, you are working with an agency with 100 years of experience working for electrical safety within Canada!

The Model Code SPE-1000 – What you need to know

The Model Code SPE-1000 specifies the minimum construction, test and marking requirements to ensure the safety for electrical equipment, while addressing potential hazards to the public and property. The Field Evaluation includes an assessment of the compliance to the mandatory constructional and marking requirements, as well as the performance of the applicable non-destructive tests, as specified in the SPE-1000 standard. The required tests vary depending on the type of equipment and the installation location.

Types of electrical equipment that qualify

The majority of electrical equipment is eligible for Field Evaluation including:

- Industrial Control Panels (ICP)
- Automated Manufacturing, Assembly and Packaging Equipment
- Semiconductor Fabrication Equipment
- Luminaires, Signs and Display Cabinets
- Switchboards, Panelboards and Motor Control Centers
- Automatic Guided Vehicles (AGVs), Intelligent Assist Devices (IADs) and Robots and Robotic Equipment
- Heating and Cooling Equipment
- Commercial Cooking and Food Service Equipment
- Distributed Generation Equipment

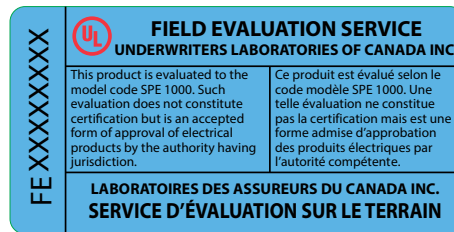
And much more!

When to consider ULC Field Evaluation in Canada

- You have shipped, or installed the equipment at the final destination
- You are producing low volume, limited quantities or batches of equipment
- The equipment is custom engineered
- You are developing a new product and want to assess if your product meets the applicable electrical safety requirements
- You may need full certification for a new product you are designing, but you first want to test market the product.
- You ultimately want full certification, but would first like to ensure that your prototypes and test samples comply with the essential requirements of SPE-1000 before submitting for full certification
- You have modified an already existing piece of equipment
- There is no existing electrical certification standard that applies to your product
- Time to market is critical and/or full certification is not practical

Why ULC Field Evaluation is the best option in Canada

- Fast service and turnaround time – The ULC team can be on site within 24 hours. We work closely with you and the local authorities (AHJ) to meet your tight deadline
- Technical expertise – The ULC team has vast experience and there is very little equipment we have not seen. We know the SPE-1000 standard and related equipment requirements inside out!
- Technical support – The ULC team will provide you with technical support throughout the process to ensure that your equipment meets the requirements
- Building Trust in Safety - Your product will display North America's most accepted safety mark
- Canadian Electrical Authorities know, trust and accept the ULC Field Evaluation Label
- Working in Canada for 100 years! Working for a Safer World



FE Label for Electrical Products



Call us today to discuss your project and how ULC can help you meet the requirements demanded by the electrical authorities across Canada.
1.800.463.6852 / E: Info.Canada@ul.com



Empowering Trust™

UL and the UL logo are trademarks of UL LLC © 2018.