

Failure to comply with the Ontario Electrical safety Code and Product Safety Regulation could result in fines and/or charges under the Electricity Act.

Approved electrical equipment bears the Certification mark or Field Evaluation label of an organization accredited by the Standards Council of Canada and accepted & recognized by ESA. If these marks are missing, the equipment is considered unapproved.

Note: The exhibitor/vendor is expected to make every reasonable effort to have electrical equipment approved prior to the show.

Common examples:



For a full list of approval marks, visit:
ESAsafe.com/approvalmarks



WHAT TO EXPECT AFTER THE SHOW

ESA Product Safety Department is responsible for enforcing the Electricity Act, 1998, Ontario Regulation 438/07 (the Regulation) Product Safety pertaining to unapproved products/equipment.

Once Product Safety receives notification of your unapproved product/equipment, they may follow up in writing regarding the status of your unapproved product/equipment and advise you of your mandatory obligation to comply with the Regulation.

For more information, visit:

ESAsafe.com/TradeShows



EXHIBITING ELECTRICAL EQUIPMENT AT TRADE SHOWS

Know the requirements

Ensure electrical products and equipment displayed at trade shows meet the safety standards of the Ontario Electrical Safety Code.



PRIOR TO THE EXHIBIT, SALE OR USE OF ELECTRICAL EQUIPMENT OR PRODUCTS AT TRADE SHOWS IN ONTARIO

WHAT YOU NEED TO KNOW

The Electrical Safety Authority (ESA) is responsible for enforcement of the Ontario Electrical Safety Code (Ontario Regulation 10/02) and Ontario Regulation 438/07 – Product Safety.

The Ontario Electrical Safety Code is the provincial regulation that defines the minimum requirements for electrical installations and electrical products in Ontario.

UNAPPROVED ELECTRICAL EQUIPMENT

Unapproved electrical equipment will only be permitted to be displayed or energized when ESA grants permission through the Permission to Show or Permission to Energize Notification.

Your completed notification must be prominently displayed at the show, or ready to present to an ESA inspector upon request.

WHAT YOU NEED TO DO BEFORE THE SHOW

For unapproved electrical products: In advance of a Trade Show, the exhibitor/vendor shall apply for either:

- (A) Permission to Show Notification, or
- (B) Permission to Energize Notification

For more information, contact us at:
1-877—372-7233 or visit
ESAsafe.com/TradeShows



PERMISSION TO SHOW NOTIFICATION

To display but not connect or provide electricity to the equipment.

There is a fee and exhibitors/vendors will be provided with a sales receipt that must be made available to ESA inspectors at the trade show site at all times.

Important: Permission to Show does not grant permission for the connection or energization of unapproved electrical equipment.

PERMISSION TO ENERGIZE NOTIFICATION

To connect and energize unapproved electrical equipment. Permission to Energize is available for Trade Shows only, not Consumer shows.

The following conditions are applied:

- 1 If no imminent hazards are present, ESA will grant permission for the equipment to be energized.
- 2 The Electrical Safety Authority will attach a sign/notice to the equipment which prominently shows "This equipment is not approved for sale in Ontario" and "Energized for demonstration purposes only."
- 3 Permission to Energize is only valid for the duration of the trade show. It cannot be carried forward or extended to subsequent shows in other cities.

PROVINCIAL REQUIREMENTS FOR EXHIBITING ELECTRICAL EQUIPMENT AT TRADE SHOWS, FESTIVALS AND EVENTS

Did you know that Trade Shows, Festivals and Events fall within the scope of Ontario's electrical safety regulations? Early engagement with ESAFE can assist you in a successful Event. By contacting us at least 2 weeks in advance of the event, ESAFE can assist you in having your equipment Field Evaluated so it is accepted in Canada.

Rule 2-022 of the Ontario Electrical Safety Code and the Canadian Electrical Code requires that any electrical equipment that is being displayed, offered for sale, or used at any show, convention, festival or event (or similar exhibition) BE APPROVED FOR USE IN ONTARIO in accordance with Ontario Regulation 438/07. In addition, Ontario's Electrical Safety Code (Ontario Regulation 164/99) requires that electrical products bear the mark of a recognized certification agency.

Electrical equipment is considered approved if it bears the certification mark or Field Evaluation label of an organization that has been accredited by the Standards Council of Canada to approve electrical equipment. ESAFE is an accredited Field Evaluation Agency. If these markings are missing from your equipment, it is considered to be unapproved. The Authority Having Jurisdiction (AHJ) may have you remove the equipment from the event if it is not approved for use in Ontario.

Note:

1. Electrical equipment must be approved as an assembled unit. Electrical equipment that consists of an assembly or combination of other individually approved electrical equipment, devices or components is considered unapproved.
2. For an updated list of recognized approval marks visit <https://esasafe.com/electrical-products/recognized-certification-marks/>. Use this link to ensure your equipment bears the required approval label. If it does not, ESAFE can help!

To arrange an ESAFE Inspection simply go to our website <https://www.esafe.org/> and click on Arrange Inspection and fill out the form. We can come to your facility beforehand to do the initial Inspection! It is in your best interest to be proactive and contact ESAFE at least two weeks before your event to avoid having your equipment or product removed from the show by the AHJ. Your designated Inspectors for equipment coming to London, Ontario and area shows and events are Mike Bennett or Mike Muir. For quick service you can request either Mike as your Inspector and they will contact you directly to arrange the Inspection.

Mike Bennett

Mobile: 226-268-5611

mike.bennett@esafe.org

Mike Muir

Mobile: 519-580-7065

mike.muir@esafe.org

Ontario's Electrical Product Approval Requirements

Before an electrical product or piece of electrical equipment is used, sold, displayed or advertised for sale in Ontario, it must be approved by an accredited certification or inspection body. The item must carry the official mark or label of the agency which indicate that the product has been independently assessed for safety. *See the list of recognized marks and labels on the back of this card.*



LOOK FOR THE MARK OR LABEL

before you buy, install or
use an electrical product.



REPORT an unsafe
electrical product to ESA
at [www.esasafe.com/
electricalproducts](http://www.esasafe.com/electricalproducts) or
call **1-877-ESA-SAFE**.

THE LAW

The Ontario Electrical Safety Code and Ontario Regulation 438/07 both require that all electrical products, devices and equipment be approved before they can be sold. These rules define the standards for safe electrical products and electrical installations in Ontario, and when followed, protect the public, workers, contractors and business owners.

Failure to comply with the Code and Regulation is an offence and upon conviction a corporation may be found liable to a fine up to \$1 million and a person or director/officer of a corporation could be fined up to \$50,000 and/or imprisonment of not more than one year.

Installation and connection of unapproved electrical equipment is against the law, puts people at risk and is liable to prosecution.

Recognized Certification Markings



Recognized Component Certification Markings



Recognized Field Evaluation Markings



Recognized Panel-Only Field Evaluation Markings



To view the current marking list, visit the
Electrical Product Safety section at esasafer.com

Bulletin 2-7-39
Approval of electrical equipment
Rules 2-022 and 2-024

Issued May 2023
Supersedes Bulletin 2-7-38

Scope

- (1) Approval requirements
- (2) Approval of customer owned metering equipment
- (3) *Approval of meter-mounted transfer switch devices*

1) Approval requirements

The Ontario Electrical Safety Code (OESC) and Ontario Regulation 438/07, for Product Safety, recognize Certification Bodies accredited by the Standards Council of Canada to approve electrical equipment (Rule 2-024). Only equipment bearing one of the marks shown in the following link are deemed acceptable by the Electrical Safety Authority (ESA): <https://esasafe.com/electrical-products/recognized-certification-marks/>

To meet the requirements of the OESC (Rules 2-022 and 2-024), equipment shall be approved to a recognized Canadian standard.

Photo B1 displays the European Conformity (CE) mark which is a manufacturer's self-declaration mark that **is not recognized in Canada**:

Photo B1 – CE marking is not recognized in Canada



2) Approval of customer owned metering equipment

This Bulletin is intended to provide direction for acceptance of customer owned metering to be used to monitor consumption of electricity beyond the revenue metering owned by the Local Distribution Company (LDC).

Question:

Can plug-in, in-line meters which have been approved by Measurements Canada and marked, be accepted in Ontario after the service switch?

Answer:

Yes, notwithstanding Rule 2-024 meters approved by Measurement Canada are accepted. Typically, the approval number is identified as "AE-xxxx". See an example in photo B2.