

Protection Against Available Fault Current



ESA offers Electricians, Electrical Engineers, Electrical Designers, Electrical Apprentices, Plant Maintenance Supervisors and Senior Electrical Personnel a ½ day on-site training course. Ask your Client Safety Specialist for details.

Understanding the hazards associated with the misapplication of electrical equipment required to interrupt fault current.



Protection Against Available Fault Current

CEU Accreditation: 0.4
MECP Course ID: 8563

LEARNING OBJECTIVES:

Describe the requirements in Section 14 of the current Ontario Electrical Safety Code.

Identify the hazards presented by electrical equipment that is not rated for the available fault current.

Perform basic fault current calculations and review actual installation examples.

TOPICS:

- General requirements
- Series rated combinations
- Protection of conductors
- Ground fault protection
- Impedance grounded systems
- Types of protective devices



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*Training is a non-regulatory service offered by the Electrical Safety Authority (ESA).
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MISSION: Improve electrical safety for the well-being of the people of Ontario.

VISION: An Ontario where people can live, work and play safe from electrical harm.

FORM 1514 (02/08/21)

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TOPICS (Continued):

- Control devices
- Use of approved equipment
- Available fault current (AFC) – Calculation examples
- Incident example

WHAT TO BRING:

- Ontario Electrical Safety Code (27th Edition) – You are required to bring the 2018 Ontario Electrical Safety Code book with you to the course.
- Pen, pencil, highlighter
- Calculator
- OESC Bulletins

REGISTRATION FEES:

- Half-day public (Classroom) course: \$164.00 + applicable taxes, per person
- To request a quote for a private course, contact a Client Safety Specialist at CSS.ContactUs@electricalsafety.on.ca
- \$10 CSA National Code License Fee + applicable taxes, applies per person
- Training registration cancellation requests will be subject to a refund processing fee of \$28 + applicable taxes.

PLEASE NOTE: This course does not attempt to render engineering or other professional services. If such services are required, the assistance of an appropriate professional should be sought.

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