

Ontario Electrical Safety Code (27th Edition, 2018) – General Level 1



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

Review the new and amended requirements of the General sections of the Ontario Electrical Safety Code for residential, commercial and industrial installations.



LEARNING OBJECTIVES:

Describe the new and amended requirements of the General Sections of the 2018 Ontario Electrical Safety Code.

Apply knowledge of new and amended requirements to the design and installation of electrical equipment to ensure compliance with the 2018 Ontario Electrical Safety Code.

TOPICS:

- Identify the revisions in the following sections:
 - Section 2 – General rules
 - Section 4 – Conductors
 - Section 6 – Services and service equipment
 - Section 8 – Circuit loading and demand factors
 - Section 10 – Grounding and bonding
 - Section 12 – Wiring methods
 - Section 16 – Class 1 & Class 2 circuits
 - Section 26 – Installation of electrical equipment



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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 1946 (02/08/21)

TOPICS (Continued):

- Section 28 – Motors and generators
- Section 30 – Installation of lighting equipment
- Section 62 – Fixed electric heating systems
- Section 68 – Pools, tubs and spas
- Section 78 – Marine wharves, docking facilities, fixed and floating piers, and boathouses
- Section 86 – Electric vehicle charging systems
- Understand how the new and amended requirements of the Ontario Electrical Safety Code impact electrical installations, electrical system maintenance, and safety
- Identify the rationale behind the new and amended requirements of the Ontario Electrical Safety Code

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
- Ontario Electrical Safety Code Bulletins

REGISTRATION FEES:

- Classroom and Online courses: \$164.00 + applicable taxes, per person
- Half-day (Virtual Instructor-led) course: \$230.00 + 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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