

Electrician - Construction & Maintenance

Certificate of Qualification 309A

"I enjoy my job because I get to learn, install and put technology into action ahead of what comes to market. We work on the cutting edge."

A Construction & Maintenance Electrician – plans, assembles, connects, installs, repairs, inspects, tests, verifies, and maintains electrical systems in various settings (i.e., residential, commercial, industrial). Electrical systems include heating, lighting, power, communications, security, renewable energy & storage systems. They do complex, difficult work in all kinds of conditions.

**Unionized
Journeyman
Wage Rate:
\$50.92/Hr**

**2024 Provincial
Average**



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Responsibilities

- Lay out, assemble, install, repair, maintain, connect, or test fixtures, apparatus, control equipment and wiring systems
- Plan proposed installations and install panel boards, switch boxes, pull boxes and other related devices
- Measure, cut, thread, bend, assemble, and install conduits plus other types of electrical conductor enclosures.
- Install brackets, hangers, or equipment for supporting electrical equipment
- Install or pull electrical conductors
- Prepare conductors for splicing of electrical connections, securing said connections, and reinsulating and protecting conductor connections



Analytical thinking



Strong communication & Mathematics



Team Player

Entrance Requirements

- Senior English, math and physics credits from Ontario curriculum
- High school transcript or high school diploma (equivalent GED)

Key Skills & Attributes

- Numeracy, reading, communication and problem-solving skills
- Willingness to work in the outdoors and at heights
- Takes responsibilities seriously
- Desire to work with your hands
- Love of problem-solving

Apprenticeship Program

1800 hours pre-apprenticeship, followed by 8160 hours on-the-job training, supplemented by one 8-week, and two 10-week in-class technical training sessions.

Did You Know?

There is an increasing demand for well-trained skilled electricians due to advances in technology, more than any other trade.

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