

## Position Description

Title:                      Apprentice Industrial Construction Electrician  
Reporting To:           Foreman  
Location:                 Various across Alberta

Braid is searching for an Apprentice Industrial Construction Electrician to work alongside a qualified Journeyman Electrician to layout, install, test, commission, troubleshoot and repair electrical wiring, fittings and equipment on an industrial construction site according to electrical code specifications.

### Duties and Responsibilities

- Read and interpret electrical drawings and electrical code specifications to determine layouts and installations.
- Cut, thread, bend, assemble and install conduits and other types of electrical conductor enclosures and fittings.
- Pull wire and cable through conduits.
- Position, maintain and install distribution and control equipment such as switches, relays, circuit breaker panels and fuse enclosures.
- Install single and multi-conductor cables above and underground.
- Install medium to high voltage systems, motor controls, raceway systems and cables, power generation systems and signaling systems.
- Install heat trace (MI & SR).
- Construct and install cable tray.
- Provide commissioning assistance.
- Perform grounding installations and terminations.
- Read and interpret blueprints.

### Skills, Abilities and Educational Background

- Registered as an apprentice in Alberta or another Canadian province.
- Industrial construction experience.
- Construction Safety Training Systems (CSTS), H2S Alive and Fall Protection training is required.
- Valid Canadian Driver's License – must provide a Driver Abstract of the last 3 years of driving history which is acceptable by the corporate vehicle maintenance and safety program.
- Knowledge of the principles of electricity, circuitry and power distribution systems.
- Familiarity with the materials and techniques of construction.
- Competent in the use of hand and power tools and test equipment.
- Mechanically inclined.
- Ability to conduct work while standing, bending, crawling, lifting, climbing, pulling and reaching.
- Ability to conduct work in confined spaces, on ladders or manlifts and comfortable working from heights.

### To Apply

To apply for this posting, e-mail your **resume and cover letter** to [hr@braidindustrial.com](mailto:hr@braidindustrial.com). You can also apply by faxing or mailing your resume and cover letter (stating position title) to: Braid Industrial Services Ltd., 9204 – 41 Avenue, Edmonton, AB T6E 6R7; Fax: 780-468-6313