



## Electric

### Job Description

POSITION: Apprentice – Construction – 2 <sup>nd</sup> –5 <sup>th</sup> Year	STATUS: Full-Time
DEPARTMENT: Major and Small Projects	REPORTS TO: Site Supervisor(s)
HOURS WORKED WEEKLY: 40 Approx.	COMPENSATION: \$18-29/hr
CREATED: October 2020	REVISED: 2020-Oct 23, 2021-Mar 16

### JOB SUMMARY

As an electrician-in-training, working under a licensed electrician's direct supervision, the apprentice is responsible for installing and repairing complex electrical control, wiring, and lighting systems working from technical blueprint(s).

### DUTIES

- Install all types of electrical conduits
- Install surface mount, underground and overhead cables
- Splice, join and connect wires
- Install and replace electrical controls and panel boxes
- Install electrical systems such as fire alarm and lighting control
- Measure voltage, amperage and resistance with a digital multimeter
- Troubleshoot and isolate faults
- Install and replace lighting fixtures and equipment, including switches and circuit breakers
- Read and interpret drawings, schematics and specifications
- Adhere to occupational health and safety regulations
- Perform other duties as assigned

### EDUCATION

- Completion of at least 1800 apprenticeship hours towards a licensed electrician designation is required

### EXPERIENCE and SKILLS

- 1800 hours of on-the-job experience in electrical installation(s)
- Able to work under the supervision of certified electricians, as part of a team and independently in a busy environment
- Experience in both new and renovation construction preferred
- Exceptional organizational, prioritization and multi-tasking skills and be flexible to adapt to stressful and rapidly changing situations
- Know when to take the initiative or when to wait for guidance
- Ability to stay focused on the task at hand



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#### CERTIFICATIONS

Basic First Aid/CPR (cardiopulmonary resuscitation) and Working at Heights certification is advantageous

#### TOOLS

The employee must have a complete set of professional quality personal hand tools per the Company provided list. The Company will provide all other required tools.

#### WORKING ENVIRONMENT and PHYSICAL DEMANDS

The working environment includes but is not limited to lifting and carrying a minimum of 50 pounds without assistance, working in customer spaces and driving from and to various job sites/locations.

The physical environment requires the employee to work both inside and outside in various environmental conditions and various spaces, including at heights and tight spaces. May be requested to work flexible hours, including nights, weekends and holidays, to carry out installations.

This job requires working on job sites; therefore, the individual must drive/walk.