

**JOB DESCRIPTION  
ELECTRICIAN**

**Job Summary:**

The Electrician will install and maintain the electrical wiring, fixtures, and systems in buildings. Be current in all electrical code applicable to the project.

***Supervisory Responsibilities:***

- Informal supervision of electrical apprentices performance and evaluation of electrical knowledge.

***Duties/Responsibilities:***

- Installs and repairs electrical wiring, systems, and fixtures in buildings.
- Installs conduits and pipes to house electrical wires and cables.
- Ensures piping complies with electrical codes.
- Installs circuit breakers and other electrical hardware and connects wiring to them.
- Connects electrical systems to powerlines to provide electricity to the building.
- Tests electrical systems to ensure proper installation and operation.
- Inspects electrical systems to determine whether repairs are needed.
- Replaces conduit and wiring as needed.
- Replaces circuit breakers as needed.
- Performs other related duties as assigned.
- Work with assigned electrical apprentices.

***Required Skills/Abilities:***

- Ability to read blueprints.
- Extensive knowledge of electrical systems and wiring.
- Ability to use hand tools and power tools.
- Proficient in the use of test meters and other diagnostic equipment.
- Excellent analytical and problem-solving skills.

***Education and Experience:***

- High school diploma or equivalent required.
- Completion of a formal apprenticeship and valid electrician's license required.

***Physical Requirements:***

- Must be able to see color to discern color-coded wiring.
- Prolonged periods standing, kneeling, bending, and climbing ladders or scaffolding.
- Must be physically capable of physically demanding repetitive work including but not limited to pulling wires and cables through conduits & digging with a shovel.
- Must be able to lift up to 50 pounds at a time.