

## **JOURNEYMAN ELECTRICIAN**

---

### **QUALIFICATIONS**

#### **A. REQUIRED**

- High school diploma or GED
- Completion of an electrician's apprenticeship or equivalent
- Over two years of experience as a journeyman electrician
- Ability to exhibit patience, courtesy and tact in dealing with others
- Possession of valid Arizona driver's license

#### **B. DESIRED**

- Three years of experience as a journeyman electrician
- Previous experience in a school setting
- Possession of a valid Arizona Class B Commercial Driver's License

### **SUMMARY**

Employees of this grade perform at the journeyman skill level in the electrical trade. They install, maintain, and repair a wide variety of equipment and circuitry.  
Reports to: Building Systems Manager

### **ESSENTIAL FUNCTIONS**

- Installs circuit panels, switches, lighting and electrical outlets in existing or new buildings; may rewire old circuits
- Installs conduit, EMT, PVC, and transit
- Troubleshoots electrical failures
- Reads blueprints, sketches and diagrams
- Makes emergency repairs and performs preventative maintenance service on electrical equipment
- Ensures all equipment is in safe and good working condition
- Makes recommendations on equipment, tool and supply needs
- Prepares cost estimates from plans or site inspections
- Maintains accurate records of inspections, completed work, preventive maintenance
- Maintains preventative maintenance work schedules, work history records, and performs preventative maintenance
- Works within a cost control budget; controls costs on materials and tool purchases; may develop an estimate of costs for repair jobs and new installations
- Participates on committees as assigned; makes suggestions to improve district/departmental operation; assists in establishing work schedules designed to minimize impact on instruction
- Performs related duties as required.
- Promotes and supports district-wide educational advancement in 21<sup>st</sup> Century Skills
- Integrates knowledge and skills that are relevant to the 21<sup>st</sup> Century
- Working knowledge of electrical theory
- Ability to perform under general supervision
- Exercises independent judgment

## **JOURNEYMAN ELECTRICIAN**

---

### **MENTAL AND PHYSICAL REQUIREMENTS**

- Ability to write and comprehend
- Ability to work in a shop environment, also indoors and outdoors
- Performs functions from written, oral and graphic instructions and from observing others
- Ability to use hand and power tools
- Ability to operate an automatic or standard transmission motor vehicle
- Ability to lift and carry objects weighing up to 75 pounds up to 50 yards
- Ability to climb stairs and ladders
- Ability to bend, squat, stoop, kneel and lift one or both arms above shoulder level
- Requires manual dexterity
- Requires hearing to normal range (auditory warning devices)
- Ability to work in small, cramped, or confined spaces
- Ability to walk and run on uneven surfaces
- Exposure to noise, heat, cold, noxious chemicals, heights, high voltage electricity and to all weather and temperature conditions
- Ability to operate power driven machinery
- Ability to use office equipment such as telephone, computer, copier and printer
- Ability to use tools of the trade, such as small hand/power tools, meters, generators, testers and probes