



Title:
Electrician I
Level:
1
FLSA Status:
Non-exempt

Division:
Centralized Maintenance
Department/Location:
Electrical & Mechanical Services
Employment Status:
Regular Full Time

SUMMARY

This position maintains all lighting systems in all Authority facilities and troubleshoots basic electrical problems.

RESPONSIBILITIES

- Maintain all lighting systems in all Authority facilities. (Clean fixtures, replace lamps and repair as needed).
- Install electrical conduits in a neat workmanlike manner; install wires or cables as required or as directed.
- Troubleshoot basic electrical problems with lighting circuits, basic motor controllers, and other electrical equipment as directed.
- Work on electrical equipment rated single and three- phase at voltages from 120 to 480, and at higher voltages with proper supervision, high voltage tools and instruction.
- Read and interpret basic wiring diagrams and basic electrical schematics.
- Test motors for grounds, shorts and opens circuits. Replace defective motor components as directed.
- Disconnect and reconnect motor leads prior to pulling motors or re installing motors. Check for proper phase rotation.
- Willingness to take on new challenges and learn new skills.
- Work safely from step ladders, high extension ladders, and scaffolding, both overhead and in below grade areas.
- Work safely at all times by observing all safety rules and regulations while utilizing all available safety equipment. Comply with all provisions and requirements of the lockout/tag-out safety program prior to working on any potential energized device.
- Report to work during weather related conditions and emergencies.
- In accordance with 7:1E-212, employee shall be familiar with, and is responsible to perform the duties detailed in ACUA's written SOP's regarding hazardous substances, specifically SOP HAZ2 through SOP HAZ6. Employee is required to have Hazwoper 40 training, an annual 8-hour Hazwoper refresher courses and shall engage in a hazardous substance drill annually to demonstrate abilities related to position.
- Perform other duties as directed.
- This is a safety sensitive position. A safety sensitive position is a job which includes work duties in which an employee's performance of the job impacts the safety of themselves or others. The term includes jobs where performing a task poorly or failure to perform it all could result in a safety incident. A person in a safety sensitive position must have the ability to perform a given set of tasks effectively without exception, on an ongoing basis.
- As needed and/or directed, assist the ACUA with its environmental mission and commitment to excellent customer service, to include but not limited to: serve in an advocacy role, help with site tours, attend events and activities that the Authority participates in or sponsors.
- Remain compliant with all training requirements for this position. The training requirements for this position are located on InsideACUA in the Employee Resources section (Blue Box) under Training Resources.

MINIMUM EDUCATION AND EXPERIENCE REQUIREMENTS

- HS diploma or GED
- Minimum of 2 years' experience in the electrical trade, with a proven record of industrial or commercial experience.
- Should have forklift truck operation experience.

ESSENTIAL SKILLS, KNOWLEDGE, AND ABILITIES

- Valid driver's license in good standing
- Must be able to read basic electrical drawings and schematics.
- Ability to work overtime as required, respond to trouble calls day, night, weekends, and holidays, on short notice.

PREFERRED QUALIFICATIONS

- 2 years related trade or technical school preferred
- Basic knowledge of electronics preferred.

PHYSICAL REQUIREMENTS

The physical activities described below are representative of those that must be met by an employee to successfully perform the essential functions of this job. Essential functions are those functions that the employee who holds the position or the candidate that desires the position must be able to perform unaided or with the assistance of a reasonable accommodation. When possible, reasonable accommodations may be made for persons who are disabled under the law. Reasonable accommodations are those accommodations which, as defined under applicable State and Federal law, enable



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disabled individuals to perform the essential functions of their job title and to meet the Employer's expectations for the job title. While performing the functions of this job the employee:

Must be able to qualify for respirator use. Constantly operates all equipment and/or machinery associated with this job. Constantly moves about to inspect the grounds, buildings, property and/or equipment. Frequently traverses in and out of truck. Frequently remains in a stationary position while in the truck. Frequently moves and transports supplies, materials, equipment and/or mechanical components up to 49lbs. Frequently moves and positions self for extended periods to work in tight, close, high and low workspaces. Frequently operates hand, power, and other mechanical or maintenance tools and equipment. Frequently ascends/descends ladders. Frequently operates computer devices and/or business productivity machinery. Frequently communicates, converses and exchanges information with customers, the public and other employees in person, electronically and/or via telephone. Must be able to operate test instruments and tools requiring manual dexterity and good visual acuity. Must be able to be exposed to or work under the following conditions: near moving parts and large machinery, fumes or airborne particles, toxic or caustic chemicals, work in areas with excessive vibration, loud noises and risk of electrical shock. Must have close, distance, color, peripheral and depth vision. Constantly works safely at all times by observing all safety rules and regulations while utilizing all available safety equipment. Constantly works in all outdoor weather conditions.

Job Description Acknowledgement

<i>Employee (Print Name):</i>	<i>Employee's Signature:</i>	<i>Date:</i>
<i>Supervisor (Print Name):</i>	<i>Supervisor's Signature:</i>	<i>Date:</i>