Electrical Trades Technician III (0815)

Basic Purpose/Job Function: Installs, troubleshoots, services and repairs electrical systems associated with power distribution, motor and boiler controllers, motors, generators and related electrical equipment.

Examples of Titles Replaced: Electrician I; Journeyman

Typical Functions May Include:

1. Serving as lead employee to others doing the same type of work or supervisor of a shift
2. Repairing and servicing high-voltage equipment, such as rotating machinery, circuit breakers and power distribution systems
3. Installing and connecting distribution, generation and utilization equipment components, such as relays, switches, transformers, heating elements, etc.
4. Troubleshooting complex electrical control circuits and replacing defective components, including power rectifiers, photoelectric sensors and regulators
5. Maintaining power plant switch-gear
6. Examining electrical equipment and systems for damage and corrosion
7. Using hand tools, such as tubing and conduit benders, threading machines and soldering irons, to complete repair or installation of electrical systems
8. Recording the materials taken from the van on the van’s inventory cards
9. Performing other related duties as assigned

Risk Management: Ensures that personnel supervised are informed of and adhere to established health and safety practices associated with assigned tasks.

Supervision of Others: Provides technical direction, is responsible for the training of new employees, and directly oversees the work of those supervised.

Supervision Received: Receives limited supervision from a designated supervisor.

Minimum Qualifications:

- **Education**: Vo Tech/Some college
- **Experience**: 30+ months  
  **Type**: Electrical management

- **Skills**: Uses tools or equipment in a manner requiring competence derived from training which normally would be gained on the job; reads and understands basic written materials; uses addition, subtraction, multiplication and division; performs record keeping operations requiring logging; ability to communicate orally and in writing as required to exchange information.

- **Special Requirements**: Regular exposure to physically demanding tasks such as digging, lifting, bending, stooping, extreme temperature changes and handling dirty materials.
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- **Licenses**: Oklahoma Driver’s License
- **Certifications**: Determined by nature of job and/or department.

Minimum requirements may be met by an equivalent combination of education and experience, unless otherwise designated in writing by the department.

Departments are responsible for site-specific job descriptions.