

## **ELECTRICAL CRAFTSMAN III**

### **GENERAL RESPONSIBILITIES**

Perform difficult skilled work in the maintenance and repair of a variety of electrical equipment in school buildings. Supervision is exercised over subordinate skilled personnel.

### **ESSENTIAL TASKS**

(These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.)

- Install, maintain and repair electrical systems; maintain records and files.
- Inspect, troubleshoot, assemble, install, connect, repair, adjust and test a wide variety of electrical systems.
- Repair electrical services and switch panels.
- Install underground cables and overhead wiring.
- Install and maintain lighting systems such as fluorescent and general light fixtures.
- Maintain and repair fire alarm systems.
- Repair and maintain kitchen appliances.
- Install and wire control devices on heating systems such as boilers, fan coil units, and baseboard electric heat.
- Replace and maintain electric motors.
- Install wiring in buildings, which include piping, switches, receptacles and lights.
- Install and maintain remote control devices for magnetic motor connections and relays.
- Test, repair and calibrate electrical equipment, meters, relays, etc.
- Replace and repair switches and receptacles.
- Perform related work as required.

### **KNOWLEDGE, SKILLS AND ABILITIES**

Thorough knowledge of the standard practices, tools and terminology of the electrical trade; thorough knowledge of electrical theory; thorough knowledge of the safety hazards of the work and of the necessary safety precautions; ability to make repairs to complicated electrical wiring, fixtures and equipment; ability to supervise the work of subordinates; ability to perform manual work over extended periods of time; skill in the use of electrical maintenance and repair equipment; ability to establish and maintain effective working relationships with associates.

**EDUCATION AND EXPERIENCE**

Graduation from high school supplemented by an appropriate apprenticeship training program and extensive electrical system maintenance experience. Master or Journeyman’s License.

A comparable amount of training and experience may be substituted for the minimum qualifications.

**PHYSICAL REQUIREMENTS**

Significant standing, walking, moving, climbing, carrying, bending, kneeling, crawling, reaching, handling, pushing, and pulling. Ability to lift up to 75 lbs.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential tasks.

**SPECIAL REQUIREMENTS**

Possession of a valid driver’s license.

FLSA status: Non-exempt	Description: Rev. 6/00
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