

Bridgeton Public Schools

Job Description

POSITION: **Electrician**

QUALIFICATIONS:

1. High School Diploma/GED
2. Minimum three years industrial electrical maintenance exp.
3. Electrically trained, with a minimum Journeyman's Electrician Certification.
4. Experience in carpentry and masonry, preferred
5. Ability to lift 70lbs, climb ladders, and not afraid of heights
6. Strong electrical trouble-shooting capability
7. Required criminal history background check and proof of U.S. citizenship or legal resident alien status.

REPORTS TO: **Supervisor of Buildings and Grounds and Assistant Supervisor of Buildings and Grounds**

JOB GOAL: **To provide electrical assistance and assist with the masonry, painters, carpenter, and other maintenance jobs assigned by the supervisor.**

PERFORMANCE RESPONSIBILITIES:

1. Plan layouts, installs, and repairs wiring, electrical fixtures, apparatus, and control equipment.
2. Plans new or modified installations to minimize waste of materials, provide access for future maintenance, and avoid unsightly, hazardous, and unreliable wiring, consistent with specifications and local electric codes.
3. Prepares sketches showing location of wiring and equipment, or follows diagrams or blueprints, insuring that concealed wiring is installed before completion of future walls, ceiling, and flooring.
4. Measures, cuts, bends, threads, assembles, and installs electrical conduit, using such tools as hacksaw, pipe threader, and conduit bender.
5. Pulls wiring through conduit, assisted by helper.
6. Splices wires by stripping insulation from terminal leads with knife or pliers, twisting or soldering wires together, and applying tape or terminal caps.
7. Connects wiring to lighting fixture and power equipment, using hand tools.
8. Installs control and distribution apparatus, such as switches, relays, and circuit-breaker panels, fastening in place with screws or bolts, using hand tools and power tools.
9. Connects power cables to equipment, such as electric range or motor, and installs grounding leads.
10. Test continuity of circuit to insure electrical compatibility and safety of components, using testing instruments, such as ohmmeter, battery and buzzer, and oscilloscope.
11. Observing functioning of installed equipment or system to detect hazards and need for adjustments, relocation or replacement.

12. May repair faulty equipment or systems.
13. Test and make repair to univents, clocks, exhaust fans, and small motors. If the item cannot be repaired, take it to the electric motor repair shop.
14. When specific trade job is caught up, may be asked to assist in any phase of maintenance repair work, or any priority job that may arise.
15. Performs such other duties as required by the Supervisor of Buildings and Grounds and Assistant Supervisor of Buildings and Grounds.

TERM OF EMPLOYMENT:

12 Months. Salary to be determined by the Board of Education.

EVALUATION:

Performance will be evaluated in accordance with Board policies and procedures on the evaluation of professional staff.

LPL – 12/7/23
et 3-23-07