



Loudoun County Public Schools

HUMAN RESOURCES AND TALENT DEVELOPMENT JOB CLASS SPECIFICATION

Certified: 3/18/2024

Electrician

Pay Scale: B

Level: 10

FLSA Status: Non-Exempt

Job Family: Facilities Services

Primary Location: Facilities Services

Department Overview

The Department of Support Services supports the learning environment by providing high-quality, safe, comfortable, well-maintained educational facilities and grounds, and safe student transportation. Providing timely, responsive, effective, and professional support to our students, teachers, staff, and community is our department's goal and one of our core values. The department includes the following teams: Construction Services, Environmental Health and Safety, Facilities Operations, Management and Coordination, Planning and GIS Services, Sustainability, and Transportation.

Job Overview

This is a skilled electrician work in maintaining, installing, repairing, and inspecting electrical systems and equipment. An employee in this class is responsible for repairing electrical systems and equipment in school facilities; installing a variety of electrical fixtures and devices; and inspecting electrical work completed in school buildings. Work is performed in accordance with standard trade practices and applicable codes and regulations.

Roles and Responsibilities

The following information is intended to describe the overall nature and scope of the work being performed. This is not a comprehensive listing of all responsibilities or tasks; work may differ and other work may be assigned when deemed appropriate.

- Repairs, maintains and installs electrical distribution systems and equipment including transformers, electrical panels, circuit breakers, switch gear, motors, pole lights, photo cells, ballasts, interior and exterior light fixtures, keyed electrical controls, photovoltaic arrays, inverters, automatic transfer switch, emergency backup generators, kilns, and other instructional equipment
- Inspects and conducts preventive maintenance on electrical systems and equipment; plans work, and orders required parts and materials as needed
- Installs new electrical panels, receptacles, switches, light fixtures, wire molding, and conduit; connects electrical service to a variety of equipment including modular work stations and walk-in freezers
- Inspects electrical work for compliance with electrical codes and local regulations
- Installs, maintains, repairs and programs school clocks and bells; installs and repairs flashing school zone signs
- May be assigned to lead a team of maintenance personnel to accomplish a maintenance project

Qualifications

Below are the minimum qualifications for this job. Equivalent combinations of education and experience are also acceptable.

Education

High School Diploma or GED
Completion of an electrician apprenticeship

Experience

Licenses and Certifications

Valid Driver's License; CDL desired
Licensed Journeyman Electrician in Virginia is required; licensed Master Electrician is desired

Knowledge, Skills and Abilities

- Knowledge of and ability to perform skilled electrician work; to use the tools, equipment, and materials of the trade safely and efficiently; to communicate effectively; to work cooperatively with others
- Knowledge of theater lighting controls, athletic sports field lighting and lighting control systems
- Basic knowledge of emergency generator power production operations, maintenance and installation
- Knowledge of the hazards of the maintenance trades and safety precautions utilized to minimize risks
- Ability to operate a computer-based work management system

Physical Requirements

The following provides a brief description of physical requirements for this job:

While performing the duties of this job, the employee is regularly talking, expressing or exchanging ideas by means of the spoken word. The employee must convey detailed or important spoken instructions to other workers accurately, loudly, or quickly. The employee must possess normal cognitive abilities including the ability to learn, recall and apply certain practices and policies. Frequently sitting and/or remaining in a stationary position for long periods of time. Exerting up to 50 pounds of force occasionally and/or negligible amount of force frequently or constantly to lift, carry, push, pull or otherwise move objects.

Equal Opportunity Employment

The Loudoun County School Board seeks to cultivate a high performing team of professionals focused on its mission and goals. The School Board values merit and excellence within its workforce and encourages the highest levels of professionalism for all its employees.

The School Board also recognizes and values the diversity of the students and broader community it serves and encourages diversity within its workforce.

The Loudoun County School Board is an Equal Opportunity Employer. The School Board does not discriminate against qualified applicants or employees on the basis of actual or perceived race, national origin, ancestry, color, sex, sexual orientation, gender identity, pregnancy, childbirth or related medical conditions, marital status, age, religion, disability, genetic information, veteran status or any basis protected by law.

ADA Accommodations Disclosure

Under the Americans with Disabilities Act (ADA), Loudoun County Public Schools is required to provide reasonable accommodations to qualified employees with disabilities, unless doing so would pose an undue hardship. Qualified

employees are those who hold the necessary education, skills, and experience for the job; and who can perform its essential responsibilities, with or without an accommodation.

Essential Personnel Disclosure

Employees who perform the responsibilities of this job are considered essential personnel. Essential personnel are designated employees who must report for work during a delay or emergency situations. A workplace emergency is an unforeseen situation that threatens the staff, pupils, or the public; disrupts or shuts down business operations; or causes physical or environmental damage. Emergencies may be natural or manmade. It is incumbent upon the supervisor to inform and confirm which essential personnel are required to work during emergency closings. Notification and confirmation of the expectation of essential personnel to report to work, or maintain as-needed status, will be executed with as much advanced notice as possible via in-person communication or email.