



Electrician

Full-Time, 8-hour shift, Monday to Friday, Starting pay: \$71,000/year

As the world leader in the manufacturing of electrostatic ion beam accelerator systems, National Electrostatics Corp. or NEC, is always looking for the best quality candidates to join our family. Being a part of the NEC family offers many rewards including being a part of an environment where we want to see you grow and succeed. We are an employee-owned company that has been in business for over 50 years.

This is a full-time position with excellent benefits. These benefits include paid time off (holiday, vacation, and sick leave), long term disability, life insurance, health insurance, 401K match options and Employee-owned stock plans. NEC is also offering a \$1,000 sign-on bonus for this position.

Job Summary:

This is a full-time position to design, build, and test AC power systems for scientific instruments and to maintain building electrical systems. Most of the work is single workstation activity. Coordinated, cooperative work with others is essential. Safe work habits, attention to detail, good attendance, and excellent organizational skills are expected. The ability to work independently along with the ability to work cooperatively with others in a positive and professional manner are required.

Duties/Responsibilities:

- Design, package, build, install, test, and document control panels, electrical motor controls, and power distribution systems, including circuit breaker, motor controller, and relay interlock circuits, for accelerator-based scientific instruments and related sub-systems.
- Specify components and parts to be purchased and manufactured for electrical systems
- Coordinate work with persons in design, production, and assembly & test departments, suppliers, and others, as needed to meet overall system assembly & test schedules
- Maintain and upgrade existing electrical power system in company buildings, which are all at the Middleton location, and oversee or install new components and wiring as needed
- Assist with packing and loading system and subsystem shipments, on occasion
- Other tasks as directed by your supervisor



Skills and Experience Requirements:

- Knowledge of National Electric Code and applicable local electrical codes
- Experience in single-phase and three-phase AC power circuits
- Experience in motor control circuit design and construction
- Experience in commercial building wiring
- Average or better ability to read and write in English
- Ability to work from written instructions
- Production experience and familiarity with AutoCAD are preferred, but not required
- Familiarity with non-USA electrical codes and equipment preferred, but not required

Qualifications:

- Electrician's license
- Journeyman's license preferred

Physical Requirements:

- Eyesight vision of, or corrected to, 20/20
- Able to perform operations of manual dexterity, including small manipulations
- Able to use electrician tools and other common tools (soldering iron, drill, wrench, etc.)
- Able to lift 40 pounds

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This job description in no way states or implies that these are the only duties to be performed by the employee(s) incumbent in this position. Employees will be required to follow any other job-related instructions and to perform any other job-related duties requested by any person authorized to give instructions or assignments. All duties and responsibilities are essential functions and requirements and are subject to possible modification to reasonably accommodate individuals with disabilities. To perform this job successfully, the incumbents will possess the skills, aptitudes, and abilities to perform each duty proficiently. Some requirements may exclude individuals who pose a direct threat or significant risk to the health or safety of themselves or others. The requirements listed in this document are the minimum levels of knowledge, skills, or abilities. This document does not create an employment contract, implied or otherwise, other than an "at will" relationship.

NEC is an Equal Opportunity Employer and does not discriminate against any employee or applicant for employment because of race, color, sex, age, national origin, religion, sexual orientation, gender identity and/or expression, status as a veteran, and basis of disability or any other federal, state or local protected class.