



Electronics Design Engineer

Full-Time, 8-hour shift, Monday through Friday, 7:30 a.m. to 4:00 p.m., Salary \$72,000

As the world leader in the manufacturing of electrostatic ion beam accelerator systems, National Electrostatics Corp. (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 and dental insurance, 401K match options and employee-owned stock plans.

Job Summary:

This is a full-time position with the responsibility of designing, packaging, testing, documenting, and interfacing electronics components for unique ion beam systems (of a manufacturer of unique scientific instruments). Safe work habits, attention to detail, accuracy, good attendance, and excellent organizational skills, the ability to work and think independently, along with the ability to work cooperatively with others in a positive and professional manner are expected.

Duties/Responsibilities:

- Design, package, test, and document electronics circuits, interfaces, and controllers for control/instrumentation systems for accelerator-based scientific instruments.
- System level electronics design integration and interconnections, which includes the coordination of design, production, and implementation work with persons in electronics production and assembly & test departments, suppliers, customers, and others.
- Occasional travel to work at customers' installation sites may be necessary (either within U.S. and/or abroad, so a passport will be needed).
- Other similar tasks as assigned.



Skills and Experience Requirements:

- Experience in analog circuitry.
- Strong attention to details.
- Ability to work well under limited supervision.
- Experience using personal computers, word processing and spreadsheet software.
- Familiarity with digital electronics.
- Familiarity with Altium (PCB design) preferred.

Qualifications:

- Bachelor's degree in electrical engineering or equivalent is required.
- Fluency in reading/writing in English language.

Physical Requirements:

- Sit at desk for prolonged periods of time.
- Eyesight vision of, or corrected to, 20/20.
- Ability to lift 25 pounds.

Visit www.pelletron.com to find out more about NEC and our products and apply!

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.