



## National Electrostatics Corp.

7540 Graber Road, P.O. Box 620310  
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U.S.A.

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### **CNC Machinist II**

*Hours: 6:00 a.m. - 4:30 p.m., Monday-Thursday.*

Do you enjoy tackling a new challenge every day? National Electrostatics Corp (NEC) is looking for an experienced, highly motivated individual to join our team. As the world leader in the manufacturing of electrostatic ion beam accelerator systems, we pride ourselves on meeting our customers' needs. We are committed to growing the capabilities of our people. We are an employee-owned company that has been in business for over 50 years.

This is a full-time position with excellent benefits which include 10 paid holidays, vacation, and sick leave, disability and life insurance, dental and group health insurance, and 401(k) matching, employee assistance program, tuition reimbursement, referral program, and an employee-owned stock plan.

#### **Job Summary:**

The CNC Machinist II will be responsible for operating computerized equipment to form precision tools and parts.

#### **Duties:**

- Reads and interprets blueprints, diagrams, and other project specifications, then identifies and inputs the commands and data needed for computer-controlled machinery to manufacture the tools, parts, or products required.
- Recognizes when automatic programming is faulty, or when the machine is malfunctioning or in need of maintenance, and modifies feed, speed, cutting tools, or controls of the machine to correct the issue.
- Monitors control panel displays and machine operation and detects malfunctions and errors by comparing readings to actual specifications.
- Calculates the proper speed and feed ratios for machines, as well as the size and position of cuts necessary.
- Adjusts cutting programs as needed during operation; saves revised versions of programs as needed for future use.
- Ensures work pieces are lubricated and cooled correctly throughout machine operation.
- Ensures machines run in a safe and efficient manner by adding attachments, aligning pieces, securing fixtures, or replacing broken or dull parts.
- Uses hoists, crane, or personal strength to lift work pieces to machines.
- Measures finished pieces with precision measuring tools and equipment to ensure they meet order specifications.
- Corrects production errors or machine malfunctions by conferring with supervisors and programmers; obtains approval to continue production after correction is made.
- Maintains, cleans, and repairs machines.
- Adheres to all safety rules and guidelines.
- Performs other related duties as assigned.



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### Required Skills/Abilities:

- Excellent verbal and written communication skills.
- Working understanding of computers.
- Thorough understanding of the robotic or computer-operated machinery to be used.
- Ability to operate highly technical machinery and basic hand tools.
- Ability to read blueprints and measuring devices.
- Strong math and problem-solving skills.

### Education and Experience:

- High school diploma or equivalent required.
- 3 to 5 year's experience operating computerized machines preferred.

### Physical Requirements:

- Prolonged periods standing and sitting, as well as bending and lifting.
- Must have manual dexterity necessary to operate the machinery.
- Capable of reaching, lifting, and bending.
- Ability to lift 25-50 pounds preferred.

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.*