



## National Electrostatics Corp.

7540 Graber Road, P.O. Box 620310  
Middleton, WI 53562-0310  
U.S.A.

Tel: (608) 831-7600

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Web: <http://www.pelletron.com>

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### Manual Machinist

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

With over 50 years of manufacturing Pelletron accelerator systems, National Electrostatics Corp (employee owned) is seeking an experienced Manual Machinist who will be a vital member of our Production and Operations team. We pride ourselves on listening to our customers and tailoring quality products to their requirements. Customers trust that we will stand by our products throughout the life of the system.

This is a full-time position with excellent benefits that include 10 paid holidays, vacation, and sick leave, 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 Manual Machinist is responsible for manufacturing and fabricating new parts, retrofitting, and repairing parts that fully meet all required specifications.

#### Duties:

- Read and interpret specification drawings to gain a thorough understanding of requirements.
- Develop a plan of action to manufacture parts according to specifications.
- Measure and mark raw materials needed to manufacture parts.
- Set up and operate equipment (e.g., saws, sanders, lathes, mills, and drills) required to complete each step of the manufacturing plan.
- Monitor the production process and intervene when problems arise.
- Run test programs or test material before the start of operations.
- Perform routine maintenance on manual machining equipment, including cleaning, lubricating, and making minor repairs to ensure optimal operation.
- Keep records of approved and defective units or final products.
- Collaborate with inventory, quality assurance, engineers, and other production staff to troubleshoot complex machining issues and develop innovative solutions to manufacturing challenges.
- Safety awareness to ensure effective production operations and optimize procedures.

#### Required Skills:

- Understand material properties and characteristics.
- Knowledge of various measuring gages: micrometers, pin gages, dial indicators, screw pitch gage, height gage, and comparator stand/gage.
- Ability to work independently with minimal supervision.
- Outstanding mathematical and analytical skills.
- Ability to run multiple jobs concurrently and self-manage time so that machines are not sitting.
- Ability to read blueprints.
- Strong technical skills.



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- Excellent problem-solving skills.
- Great manual dexterity, accuracy, and attention to detail.
- Exceptional communication skills.

### **Education and Experience:**

- High school diploma or equivalent.
- 2 to 3 years of experience in machining is preferred.

### **Physical Requirements:**

- Ability to climb, reach, bend, kneel, and stoop.
- Ability to lift up to 50 pounds.
- Stand for long periods of time.

*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.*