National Electrostatics Corp.

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Great benefits in a dynamic workplace that is respectful, friendly and fun – we are a team that is committed to making and keeping our customers very happy!

This is a regular full-time position with the responsibility of controlling, monitoring and interconnecting equipment for the manufacture of electrostatic ion beam accelerator systems.

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. Benefits include paid holiday, vacation, sick leave, disability, life insurance, employer sponsored group health and dental insurances and 401(k) retirement plans. Pre-employment drug testing is required.

Job Title: Control Systems Technician/Engineer   **Job Level:** Professional
(Work Hours: Monday – Friday from 8:00 a.m. – 4:30 p.m. CST)
Job Level: Salaried Exempt

Essential Duties

1. Set up and configure control system computers and equipment. (40%)

    -   Install Linux operating system
    -   Administer/configure Linux (e.g. networking, firewall, users)
    -   Generate new database entries and configuration files for unique systems
    -   Modify/upgrade existing databases and configuration files

2. Commission and troubleshoot control systems. (20%)

    -   Test I/O system functionality
    -   Diagnose wiring errors and other defects
    -   Verify software configuration, including safety interlocks

3. Provide customer training and support (email/phone) (20%)

4. Write small programs/scripts to augment the existing control system for customer needs (10%)

5. Perform on-site installation, testing, and training at locations around the world (5%)

6. Assist in development of electronics that will interface with our products (5%)

Qualifications

1. Bachelor's degree in related field (computer science, electrical engineering, etc.) preferred

2. Proficiency in Linux operating system and administration. (RHEL, CentOS, etc.)

3. Proficiency in programming. (C, C++, TCL)

4. Experience in analog and digital circuitry

5. High attention to detail

6. Hands-on mentality

7. Available to travel internationally

8. Above average ability to read and write in English

Physical Requirements:

1. Manual dexterity
2. Ability to lift 40 pounds, bend, crouch, squat, twist and reach overhead.
3. Eyesight vision of, or corrected to, 20/20.

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