Lab Hygiene Technician

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About C-Motive

C-Motive is a startup based in Middleton, Wisconsin, developing electrostatic motors designed to improve performance and energy efficiency. Our ZeroMag™ motors eliminate the need for magnets and rare-earth materials, offering an alternative to traditional motor technology. With electric motors accounting for nearly half of global electricity consumption, C-Motive aims to make a meaningful impact on energy use worldwide.

At C-Motive, we believe achieving this mission starts with building a strong team and a supportive company culture. We bring together talented, motivated people who are empowered to contribute ideas, take on challenges, and help move the company forward.

Lab Hygiene Technician

The Lab Hygiene Technician is a critical part of the growing Production Readiness and Process Development teams. Central to C-Motive's unique motor product is a specialty fluid that must undergo rigorous purification processes. As a member of the Production Readiness team, you'll work closely with the Process Development and Quality teams to help us meet our fluid processing targets, while maintaining the high quality necessary for exceptional motor performance. While some aspects of the role resemble those found in a standard production environment, the developmental nature of our current stage requires the Production Readiness team to be comfortable with schedule variability. A successful candidate will be a self-starter, adaptable and comfortable with evolving daily priorities, and okay standing to complete lab-based work tasks.

What You Will Do

- Set up and manage liquid pre-treatment and distillation processes
- Clean and maintain process equipment, glassware, test fixtures, etc.
- Maintain inventory in lab
- Provide feedback to process development for process improvements
- Support general production and process development tasks as assigned by team lead

Qualifications

- Meticulous, detail oriented, and above all, consistent with repetitive tasks.
- Patient and levelheaded with trainings – there are nuances to the process that will likely need to be corrected more than once.
- Comfortable wearing personal protective equipment often.
- Comfortable working with semi-hazardous materials like acids and bases.
- Able to stand for long periods.
- Able to lift and move 40lbs and be surefooted while doing so.
- Prior experience reading, understanding, and following written procedures.
- Effective communicator with strong time-management skills.
- Thrives in a minimal supervision environment.
- Proven commitment to personal and team safety.
- Team-oriented and collaborative mindset.
- Proficient in Microsoft Office, especially Excel.
- Experience in lab roles is a plus.

Responsibility Breakdown

Laboratory Hygiene (20-27/40 hours per week):

1. Don and doff strict PPE multiple times a day. Including but not limited to: respirators, full length lab coats, chemically resistant body suits, arm length gloves, and ANSI eye protection.
2. Chemically decontaminate process hardware, caps, and process tubing per strict and regimented cleaning procedures on a continuing basis.
3. Chemically decontaminate laboratory glassware through acid/base bath cleaning and serial ultrapure water dilution on a continuing basis.
4. Maintain lab cleanliness and readiness by sweeping, mopping, wiping surfaces, taking out waste bins, managing chemical waste streams, and replenishing cleaning solvents as they are used.

Benchtop Work (6/40 hours per week):

1. Setup, teardown, and operate various laboratory glassware assemblies to assist in fluid development and production.
2. Setup, manage, and operate various liquid pre-treatment/post-treatment processes.

3. Work in fume hoods, flow hoods, and gloveboxes to ensure chemically sterile environments – training provided for all equipment and tasks.
4. Support general production readiness/process development tasks as assigned by supervisor.

Admin, Inventory, and Misc. Tasks (8-14/40 hours per week):

1. Attend and participate in regularly scheduled coordination meetings.
2. Provide feedback to Process Development for process and equipment improvements.
3. Independently problem solve daily issues with equipment or processes as they arise.
4. Maintain a real time inventory of lab chemicals and consumables.
5. Reorder laboratory chemicals and consumables as necessary.
6. The role will have additional responsibilities as the company grows, so some time is allocated for this.
7. In general – be flexible on all fronts. We are a startup and tasks/priorities/goals change on a daily, sometimes multiple times a day. Don't just be comfortable with change, embrace it

C-Motive is committed to equitable compensation, and we offer a generous benefits package to make sure you have the support you need. We offer a take-what-you-need paid time off program and every employee, regardless of gender identity or expression, is eligible for paid parental bonding leave. We have implemented a 401k program and all employees are granted stock options with typical vesting periods.
We are committed to creating an inclusive environment for all our employees and are seeking to build a team that reflects the diversity of the people we hope to serve with our revolutionary products. C-Motive is proud to be an equal opportunity employer.

To learn more about C-Motive, our team, and our company culture, please visit:
c-motive.com/about/mission-vision-and-values

Apply for this position here:

https://airtable.com/appXfN4AsYyzJUR85/shrlSC7aaVfhJrTf0