

Lab Assembly Technician

August 2022

TRANSFORMING MOTION WITH SUSTAINABLE, ELECTROSTATIC MOTORS.

C-Motive is a startup in Middleton, WI creating an electric motor with sustainability and efficiency as top priorities. This technology was born out of UW-Madison and will be the first of its kind on the market.

Half of all electricity globally is consumed by electric motors. C-Motive's patented electrostatic motor technology delivers 95%+ efficiency, uses no rare-earth metals, less than 1% the copper, and has the potential to deliver over a gigaton of carbon savings in the next decade.

We are seeking the next great talent to add to our team. This hire will help accelerate our path into the market, delivering cost and environment saving motors to customers worldwide.

LAB ASSEMBLY TECHNICIAN

The C-Motive motor is a highly engineered product and demand is at an all-time high for internal testing and customer demos.

This role is cross-functional, working closely with technical leadership as well as the electrical and chemical teams to build, modify, and test motors as well as other fixtures and equipment.

The ideal candidate works well within a team and is self-motivated. Prior start-up company experience is a plus, but not required. We are looking for someone that enjoys tackling day-to-day challenges, getting their hands dirty, thinking on their feet to solve problems, and delivering results to help drive the company forward each and every day. This role is highly dynamic, with each day presenting new challenges to overcome and help push this innovative motor into the market.



C-Motive's Electrostatic Motor

QUALIFICATIONS

- 3+ years experience in an assembly or laboratory technician role at a hardware or electronics organization
- Working experience with light machine tools is required
- Demonstrated attention to detail
- Experience working with electrical components is a plus
- Proficient with technical spreadsheets and ability to create and present technical information to a broad team
- Strong communication and time-management skills
- Demonstrated track record of working safely for themselves and their colleagues

WHAT YOU WILL DO

- Assemble electrostatic motors according to written and oral instructions
- Assemble electrical components – basic soldering, assembly, and wiring. Work with epoxies, adhesives, bonding, etc. as needed
- Perform routine lab maintenance and troubleshooting on equipment and tools, establish and run a preventative maintenance program
- Perform simple machining activities for parts, test fixtures, etc. using small hand and power tools, a small CNC, lathe, etc.
- Establish an incoming part inspection process and perform quality testing
- Write process instructions and documentation
- Provide product feedback to engineering team for design improvements
- Perform other jobs as needed for production and as assigned by team lead

QUALIFICATIONS

- 3+ years experience in an assembly or laboratory technician role at a hardware or electronics organization
- Must be mechanically inclined – diagnose and fix issues with equipment, products, and tooling without outside help – comfortable with just ‘figuring it out’
- Understanding of basic electrical principles – soldering, rewiring, etc.
- Must be comfortable reading and interpreting technical drawings
- Must be able to regularly lift and move up to 50 lbs, work on their feet for extended periods of time, and be comfortable crouching, climbing ladders, etc.
- Proficient in standard Microsoft productive software with an emphasis on Excel
- Must be able to operate safely under limited supervision

BONUS QUALIFICATIONS

- A 2 year tech degree a plus but not required
- Prior experience with quality systems and incoming inspection is a plus
- Basic understanding of 3D CAD software to design simple fixtures, test cells, etc.
- Experience with field service of mechanical or electrical products is a plus

ABOUT C-MOTIVE

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 are working to offer a 401k and all employees are granted stock options with typical vesting schedules.

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:

<https://www.c-motive.com/about/mission-vision-and-values/>