

Job Title: Senior Grinding Applications Engineer – CNC Grinding Industry

About Us:

Campbell Grinder Company is a leader in high-precision engineering and advanced CNC grinding solutions, specializing in delivering high-quality machines and innovative technology to our clients in the aerospace, defense, and machinery industries. We are seeking a Senior Grinding Applications Engineer with a talent for the design and development of CNC grinding processes and equipment to join our dynamic team.

Position Description:

The Senior Grinding Applications Engineer is responsible for the development of turnkey grinding tooling and processes. ***This is an onsite position with opportunity to move into a hybrid role after a period of onboarding. Relocation package available.***

Essential Job Duties and Responsibilities:

- **Sales Support** Develop turnkey project cost estimates and time studies. Travel to customers with Sales as needed.
- **Turnkey Projects** Develop turnkey process plans and associated documentation. Specify grinding wheels and arbors. Guide the design on part fixturing. Lead the process development through run off. Both at CGC and the customer's facility if needed.
- **Innovation in Grinding Technology** Enhance grinding process and machine performance through innovative grinding media, machine tool design and feature enhancements while meeting budgets and customer timelines.
- **Prototyping, Testing & Trial runs** Conduct and oversee trial runs. Support design and testing of new designs, and collaborate to refine equipment based on test results to ensure optimal performance.
- **Collaboration** Work closely with Mechanical Engineering, Electrical Engineering and Applications Engineering teams to ensure all grinding process needs are met. Communicate with vendors and customers efficiently and professionally.
- **Mentorship & Oversight** Provide guidance and mentorship to junior engineers by supporting their development in grinding related principles, systems knowledge, and software tools. Support design reviews to ensure compliance with customer requirements. Support generation of project plans and timelines; ensure milestones are met in the relevant area of responsibility for the project.
- **Technical Support** Conduct and/or provide technical expertise and troubleshooting support during the assembly and commissioning of machines on-site or at client facilities. Support of the Service department for field repairs
- **Continuous Improvement** Identify and implement continuous improvement initiatives to research and develop the latest grinding technologies.
- **Travel** Travel when necessary to customers' sites or vendor facilities.
- The above description in no way states that these are the only duties to be performed by someone with this job title.

Knowledge & Necessary Skills Required:

- Subject-matter expertise of current precision grinding technologies, media, equipment and processes.
- Familiarity with 3D CAD and AutoCAD 2D software; experience with Solidworks is a plus



- Exceptional technical knowledge, problem-solving skills, attention to detail, and reasoning ability.
- Understands engineering concepts and machine systems.
- Familiarity with Finite Element Analysis (FEA).
- Must be self-motivated and able to manage multiple projects or tasks.
- Working knowledge of Microsoft Office applications.
- Knowledge of machine tool applications and processes.

Education & Qualifications Required:

- 10+ years practical experience in the grinding industry.
- Bachelor's degree in mechanical engineering, preferred.

Company Benefits:

- Relocation assistance
- Company Matched 401(k)
- Health, Life, Dental and Vision Insurance on day one
- Life & AD&D Insurance
- Flexible Spending Account
- PTO Time
- Bonus Program
- Wellness Reimbursement

