



Senior Applications Engineer
Charter Wire
(Milwaukee, WI)

POSITION TITLE: Senior Applications Engineer **LOCATION:** Charter Wire - Milwaukee
DEPARTMENT: Operations **REPORTS TO:** Tooling Manager

POSITION PURPOSE/MISSION:

The Senior Applications Engineer will specialize in the machining of precision metal components (low-volume / high-mix). This position requires a candidate with a strong background and working knowledge of metal removal/machining fundamentals and computer numerical control (CNC) programming experience. This position will design and maintain machining tools, programs, processes, fixtures and equipment. The Senior Applications Engineer will work closely with the tool room, Tool Designers and production team. This critical role will help define capacity, capability, and ensure that the tool room and machining operations support the business and ongoing growth. Design and improve production processes related to safety/ergonomics, quality, productivity, costs and optimizing manufacturing cycle times.

MINIMUM QUALIFICATIONS:

- Bachelor's degree in Engineering discipline (Mechanical/Manufacturing/Materials) or equivalent 10+ years related work experience
- 5 - 7 years' experience in machining or tool and die making with a proven track record of process design, equipment definition, equipment acquisition and commissioning
- 5 - 7 years' experience in creating and editing CAD/CAM/CNC software and programming lathe & mill
- Ability to develop and manage revisions of CNC programs
- Experience in applications of quality systems (SPC, MPC, etc.)
- Demonstrated success in improving productivity, efficiency, uptime and cost
- Demonstrated success in the application of lean/CI concepts in a machining / tool room environment
- Candidate must be detail oriented, highly motivated & organized, and possess excellent written & verbal communication skills
- Proficiency with advanced features of Microsoft Products

PREFERRED QUALIFICATIONS:

- Certificate in machining
- Experience evaluating & rebuilding machining equipment
- Experience in Welding, EDM, CMM programming, additive machining processes

MAJOR ACCOUNTABILITIES:

- Perform machining process development & optimization (part setup/fixturing, machining strategy, tool selection, speed/feed process parameter selection)
- Create manufacturing routings, sketches, & inspection prints
- Complete material procurement, outsourcing and cutting tool designs for new product and R&D efforts.
- Broad Knowledge of cutting tools with the ability to calculate optimal speeds and feeds
- Create 3D models and generate code using CAM software.



- Create part inspection processes and systems to deliver high quality, repeatable product
- Able to effectively communicate verbally with varying levels of internal technical staff, external customers, and external suppliers.
- Create training programs to expand employees experience level of new and existing CNC machining processes
- Ensure equipment safety codes & engineering standards are met.
- Serve as a subject matter expert in process development.
- Manage capital equipment projects including supporting supply chain team during quoting and contract review stages.
- Assist plant supervision for area improvements and layouts.
- Lead and support team mandated Continuous Improvement projects.
- Develop project estimates and financial proposals.
- Remain current of new technological changes and developments in related fields.
- Indirectly oversee the work of machinists, technicians and contractors, on assignment, for projects.
- Use personal computer, common office equipment, hand tools, and operate tooling manufacturing equipment as applicable.
- Perform other duties as assigned

RESPONSIBILITIES FOR SUPERVISION:

- None

ORGANIZATIONAL RELATIONSHIPS:

- Internal – Sales, Purchasing, Product Development & Quality, Tooling Department, Maintenance, Production
- External – Customers, Subcontractors

POSITION CHALLENGES:

- Lead day to day improvements and larger projects
- Be a change agent and catalyst for positive long reaching change to support organizational growth
- Be able to challenge the status quo in a constructive and inspiring manner
- Be able to understand and translate division strategy, product development goals into meaningful actions in the tool room
- Leveraging and working with dotted line reports to achieve projects results
- Simultaneously drive multiple projects
- Take initiative, self-starter
- Ability to deliver results in a low volume high complexity product environment
- This is a hands on position, and an appreciation of spending time on the floor “In the process” (Going to Gemba) is absolutely critical to success

PLEASE SUBMIT A RESUME TO PEGGY RENNICKE AT rennickep@charterwire.com

OR YOU CAN APPLY VIA OUR WEBSITE AT <http://www.charterwire.com/about/careers>