

CNC Programmer

Employer

Columbia Elevator 7702 W Fifth Ave Strother Field Industrial Park Winfield, KS 67156 Ph (620)442-2510

Job Details

Position Type: Full-time

Reports to: Production Supervisor

Hours: 1st Shift Wages: \$18-\$22/hr

Summary:

We are seeking a skilled and experienced CNC Programmer to join our team. As a CNC Programmer, you will be responsible for creating and modifying CNC (Computer Numerical Control) programs used in the operation of our advanced manufacturing equipment. Your expertise will play a crucial role in ensuring the accurate and efficient production of high-quality components.

Job Duties:

- CNC Programming: Develop, write, and optimize CNC programs for various machining operations, including milling, turning, drilling, and grinding, based on engineering specifications and drawings.
- Program Modification: Analyze existing CNC programs and make necessary modifications to improve efficiency, cycle times, and tool life while ensuring adherence to quality standards.
- Tool Selection: Collaborate with production and engineering teams to select appropriate cutting tools, fixtures, and machine setups, considering factors such as material properties, tolerances, and production volume.
- Setup Instructions: Prepare detailed instructions and guidelines for machine operators, including setup sheets, tool lists, and work instructions, to ensure proper execution of CNC programs.

- Machine Simulation: Utilize computer-aided manufacturing (CAM) software to simulate and verify the CNC programs for accuracy, collision detection, and optimization before actual production runs.
- Troubleshooting: Identify and resolve programming-related issues, such as machine tool
 crashes, programming errors, and tooling problems, in collaboration with maintenance
 and production teams.
- Quality Assurance: Perform regular inspections and measurements of machined parts to
 ensure they meet design specifications and quality standards, making necessary
 adjustments to the CNC programs as needed.
- Documentation and Reporting: Maintain accurate documentation of CNC programs, setup sheets, and process parameters. Generate reports on production outputs, cycle times, and programming efficiencies for management review.

Job Requirements:

- High school diploma or equivalent.
- A technical degree or certification in CNC programming or a related field is preferred.
- Proven experience as a CNC Programmer, with a solid understanding of CNC machine operations, programming languages (G-code, M-code), and tooling concepts.
- Proficiency in using CAD/CAM software for CNC programming and simulation (e.g., Mastercam, Siemens NX, Autodesk Fusion 360).
- Technical Skills:
- Strong knowledge of machining processes, cutting tool selection, and material properties.
- Ability to read and interpret engineering drawings, geometric dimensioning and tolerancing (GD&T), and technical specifications.
- Familiarity with machine controls, probing systems, and various CNC machine types (milling machines, lathes, grinders, etc.).

Qualifications:

- Excellent problem-solving abilities to identify and troubleshoot programming issues, optimize processes, and improve efficiency.
- Attention to detail and a keen eye for quality assurance to ensure precise and accurate machining results.
- Effective verbal and written communication skills to interact with cross-functional teams, provide clear instructions, and document programming changes.
- Strong teamwork and collaboration skills to work closely with engineers, machine operators, and maintenance personnel.
- Ability to manage multiple projects simultaneously and meet deadlines in a fast-paced manufacturing environment.

Experience:

- CNC (Required)
- CNC programming (Preferred)

Application Instructions:

Join our team and contribute your CNC programming expertise to drive our manufacturing operations towards excellence. Apply today and be a part of our innovative and dynamic company. Our offices are open Mon – Fri from 8am to 4pm.

7702 W 5th Avenue Strother Field Industrial Park, Winfield KS 67156 Listing also on Indeed.com