



## CNC MACHINIST II

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DEPARTMENT:	Manufacturing	REPORTS TO:	Production Manager
DIVISION:	Carlisle	FLSA STATUS:	Nonexempt
JOB CODE:	6007	EFFECTIVE DATE:	06/25/2024

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### JOB SUMMARY

Produce machined parts by programming, setting up, and operating a computer numerical control (CNC) machine, maintaining quality and safety standards, keeping records, and maintaining equipment and supplies. Serve in a technical training role and prepare Team Members to accomplish job tasks.

### QUALIFICATIONS

#### Education/Experience

Associate degree in Machining Technology, plus six (6) years of CNC machining experience; or equivalent combination of education and experience.

#### Knowledge/Skills/Abilities

Core People Skills. Ability to positively interact and work collaboratively with a diverse group of people at all levels of the organization. Genuine with high ethical standards, values, personal integrity, and honesty. Ability to apply a large measure of common sense to a variety of situations.

Communications Skills. Ability to speak clearly and persuasively in positive or negative situations, listen, obtain clarification, and respond well to questions. Proficiency in writing clearly and concisely and editing work for spelling and grammar. Ability to vary writing style to meet business needs.

Computer/Application Skills. Proficient CNC machining skills (programming, tooling knowledge, and ability to read blueprints.) Ability to use and interpret dimensional measuring tools or equipment. Strong mechanical aptitude. Proficient with math skills, especially geometric calculations. Ability to identify and implement improvements. Ability to perform G-code and/or conversational programming required.

Core Business Skills. Ability to exercise sound judgement and discretion in the handling of proprietary and confidential information. Ability to work independently, without significant direction, and to use resources effectively to "figure it out." Strong critical thinking skills, judgement and keen attention to detail and accuracy. Exceptional prioritization, time management, and organization skills. Ability to work under pressure and excel in a fast-paced, self-directed entrepreneurial environment. Ability to learn about and apply technical products to various industrial manufacturing processes.

Machining/Programming Skills. Advance CNC Machining/Programming knowledge, skills, and abilities to ensure proficiency in performing complex CNC machining projects, to include the ability to the use of and accurate interpretation of dimensional measuring tools or equipment. Ability to perform multiple machining projects simultaneously. Ability to effectively evaluate new equipment, software, fixturing, tooling as needed to reduce cost, improve safety/quality and throughput of product.

Training. Ability, knowledge, and willingness to train Team Members' skills for the growth of the department and organization.



**Mathematical Skills.** Basic level math skills required, including ability to add, subtract, multiply, and divide in all units of measure, using whole numbers, fractions, and decimals, and to compute rate, ratio, and percent. Ability to draw and interpret bar graphs.

**Professional Investment.** Demonstrated commitment to own personal professional development and learning.

## **ESSENTIAL FUNCTIONS/RESPONSIBILITIES**

1. Precisely program CNC/manual equipment by entering instructions, including zero and reference points, setting tool registers, offsets, compensation, and conditional switches. Accurately calculate requirements to include basic math, geometry, trigonometry, and proving parts. Utilize G-code and/or conversational programming, as required.
2. Set-up CNC/manual equipment by installing and adjusting three to four-jaw chucks, tools, attachments, collets, bushings, cams, gears, stops and stock pushers, and indicating vices and trimming heads.
3. Load feed mechanism by lifting stock into position. Verify setting by measuring positions, first-run part, and sample work pieces, and adhering to international standards.
4. Maintain specifications by observing drilling, grooving, and cutting, including turning, facing, knurling and thread chasing operations; taking measurements, detecting malfunctions, troubleshooting processes, adjusting, and reprogramming controls; and sharpening and replacing worn tools. Adhere to quality assurance procedures and processes.
5. Plan complex machining by studying work orders, blueprints, engineering plans, materials, specifications, locations, and machining parameters. Interpret geometric dimensions and tolerances (GD&T).
6. Ensure successful continuous productivity by actively and appropriately training Team Members on Pyrotek equipment, processes, and procedures.
7. Ensure continuous improvement and review of set up methods and machining practices to reduce scrap, process variability, and target cost reductions in these areas.
8. Regularly evaluate new equipment, software, fixturing, tooling, and clamping, as necessary to reduce cost, improve safety, improve quality, and improve throughput of manufactured products.
9. Maintain equipment by completing Total Productive Maintenance requirements, following manufacturer's instructions, troubleshooting malfunctions, and calling for repairs.
10. Maintain continuity among work shifts by documenting and communicating actions, irregularities, and continuing needs. Document actions by completing production and quality logs.
11. Appropriately receive and take ownership of new and modified work requests and projects and explore opportunities to add value, ensuring department and organizational goals are achieved.
12. Promote positive team member and customer relations by supporting Pyrotek's commitment to a working environment of tolerance, acceptance, and civility. Respond appropriately to inquiries, concerns, and complaints by being professional, courteous, and respectful always.
13. Maintain regular, consistent, reliable, punctual, and predictable attendance, as required to achieve internal and external customer satisfaction.
14. Actively and positively participate in problem resolution, demonstrating constructive communication, timely response, and effective resolution skills. Work effectively within team environments both within your department and across the organization.
15. Cooperate and comply fully with all Pyrotek policies and procedures. Actively support and follow the Pyrotek Safety Program.



16. Participate in company/department meetings, training activities, continuing education programs and other associated activities.
17. Consistently promote and communicate Pyrotek's core values through work performance and excellent customer service.
18. Perform other tasks as assigned.

## PHYSICAL/SENSORY REQUIREMENTS

*The following physical activities described here are representative of those required by a Team Member to perform the essential functions of this position. Reasonable accommodation, if feasible, will be made to enable individuals with disabilities to perform the functions of position.*

Must be able to stand for long periods of time, bend, reach, walk, and use hands and fingers to handle or feel. Ability to lift to 75 pounds occasionally and up to 25 pounds frequently. Must be able to communicate effectively in English by telephone, in person and in writing. Effectively use a personal computer. Specific vision abilities required by this job include close vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

## WORKING ENVIRONMENT

Works in a manufacturing environment where Team Member is frequently exposed to loud noise, moving mechanical parts, and fumes or airborne particles. Personal Protective Equipment (PPE) may be required.

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Team Member's Signature

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Date

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Manager's Signature

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Date