

Rock West Composites, Inc. has an exciting opportunity for a CNC Machinist/Programmer.

Rock West Composites, Inc. is an engineering and manufacturing company dedicated to providing innovative solutions for commercial and government customers. This position is located in our San Diego, CA-San Ysidro location and reports to the Director of Manufacturing.

### **Position Summary:**

Produces machined parts by programming, setting up, and operating a computer numerical control (CNC) machine; maintaining quality and safety standards; keeping records; maintaining equipment and supplies.

### **Essential Responsibilities May Include:**

#### Programmer

- Creates instructions for machining parts
- Reviews 3D CAD design blueprints.
- Makes calculations for programming including where materials should be cut.
- Translates instructions into a computer automated manufacturing (CAM) program.
- Communicates with engineers and clients who will use the programs.
- Checks completed programs by running simulations or tests.
- Prepares geometric layout of designs using proper software.
- Determines sequence of operations in a program.
- Chooses cutting tools that will be needed.
- Analyzes job order and performs necessary calculations.
- Writes programs and modifies existing ones for increased efficiency.
- Analyzes and selects speeds and cutting tools for programs.

#### CNC Machine operator

- Plans machining by studying work orders, blueprints, engineering plans, materials, specifications, orthographic drawings, reference planes, locations of

surfaces, and machining parameters; interpreting geometric dimensions and tolerances (GD&T).

- Plans stock inventory by checking stock to determine amount available; anticipating needed stock; placing and expediting orders for stock; verifying receipt of stock.
- Programs mills and lathes by entering instructions, including zero and reference points; setting tool registers, offsets, compensation, and conditional switches; calculating requirements, including basic math, geometry, and trigonometry; proving part programs.
- Sets-up mills and lathes by installing and adjusting three- and four-jaw chucks, tools, attachments, collets, bushings, cams, gears, stops, and stock pushers; indicating vices; Loads feed mechanism by lifting stock into position.
- Verifies settings by measuring positions, first-run part, and sample workpieces; adhering to international standards.
- Maintains 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; sharpening and replacing worn tools; adhering to quality assurance procedures and processes.
- Maintains safe operations by adhering to safety procedures and regulations.
- Maintains equipment by completing preventive maintenance requirements; following manufacturer's instructions; troubleshooting malfunctions; calling for repairs.
- Maintains continuity among work shifts by documenting and communicating actions, irregularities, and continuing needs.
- Documents actions by completing production and quality logs.
- Updates job knowledge by participating in educational opportunities; reading technical publications.
- Special Assignments may include hands on composite, metal fabrication and assembly
- Technical processing and engineering responsibility for identified or assigned efforts
- Daily interface with Manufacturing Managers and Program Manager to establish clear lines of communication and provide task status

## Basic Qualifications & Education:

- Experience with machine shop floor practices
- Mechanically able to assemble and disassemble parts and assemblies
- Experience with composite materials and processing techniques such as autoclave, RTM, and compression molding
- Excellent working knowledge of composites
- Self-starter with excellent time management skills and ability to establish objectives and specify the strategies and actions to achieve these objectives
- Experience with contact and noncontact inspection methods
- Organized, self-motivated, strong attention to detail and high level of accuracy
- Ability to manage multiple duties, set priorities and follow tasks through completion
- Capable of working in an environment in which demands and priorities change
- Processing techniques such as wet lay-up, mold and fixture design, inspection methods, and infusion preferred
- High School diploma or equivalent

Why should you want to work with us? Rock West Composites cares about our employees! Not only do we offer great benefits to our full-time employees (Medical & Dental 100% employer paid, Vision, Paid Time Off and 401K match), we offer a fun and friendly working environment!

To apply e-mail resume to [jobs@1rockwest.com](mailto:jobs@1rockwest.com)

Rock West Composites is an Equal Opportunity Employer. It is the policy of the company to provide equal opportunity for all employees and applicants for employment without regard to race, color, creed, religion, gender, sexual orientation, national origin, age, marital status or any other basis prohibited by state or federal law. Due to nature of defense contracts, US Citizenship is a requirement. As part of our Drug and Alcohol Policy, upon acceptance of any offer of employment, employment will be conditional of passing a required drug test and employee will become part of the random drug testing.

If you are an individual with a disability and require a reasonable accommodation to complete any part of the application process, or are limited in the ability or unable to access or use this online application process and need an alternative method for applying, you may contact 858-537-6260.