

Cobra Carbide

<https://cobracarbide.com/job/engineer/>

Engineer - Carbide Cutting Tools

Working Hours

Mon - Fri

Date posted

March 5, 2021

APPLY NOW

Job Purpose

The primary function of a Tooling Engineer is to develop new carbide cutting tools to ensure that Cobra Carbide is competitive and Innovative in cutting tool design. This position will supervise the QC & inspection processes in our shop ensuring the geometric accuracy of the tools we manufacture. The position will be required to make prints from scratch using Auto Cad and similar software, inspect tools for accuracy and conformance to manufacturing specifications and create prints for "made to order specials". In addition, the Tooling Engineer will perform quality control checks daily to include 1st Article inspections, Work in Progress (WIP) inspections and Final inspections of manufactured tools. The Tooling Engineer should be able to use inspection equipment such as Zoller and Helicheck as well as Micrometers, Optical Comparators and other similar inspection equipment.

Responsibilities

- Create Prints using Auto Cad and similar software.
- Use inspection equipment such as Zoller, Helicheck, Accucheck, micrometers, etc.
- Inspect tools as they are manufactured according to pre-determined guidelines and prints.
- Make prints using Auto Cad programs.
- Make recommendations on new tooling products and product lines.
- Recommend improvement initiatives to increase up time on CNC Machines.
- Resolve related problems, exercising good technical judgment in planning and organizing hands-on efforts.
- Troubleshoot and lend technical support for automated manufacturing processes and equipment
- Assess available options for technology and equipment throughout various areas of manufacturing operations.
- Plan facility improvements for effective equipment utilization and product processing.
- Support lean manufacturing and participate in continuous improvement projects.
- Participate on project teams as required.
- Evaluate and test new or modified software programs and software development procedures used to verify that programs function according to user requirements and established guidelines.
- Develop new programs, modify or edit existing programs for tool manufacturing and Quality Control processes.
- Assist with high severity request or issue escalations as needed.
- Maintain a professional demeanor and appearance at all times with both internal staff and with potential and existing clients.
- Other tasks assigned by management and deemed necessary to the operation of the position and/or organization.

Qualifications

- Minimum of 15 years verifiable experience in the carbide cutting tool manufacturing industry.
- Demonstrated ability to design, develop and recommend new cutting tool designs to management and manufacturing staff.

- Must be able to R&D new carbide cutting tool designs in relationship to the metals being milled.
- Must be capable of creating new prints using Auto Cad and similar software.
- Should be able to examine existing tool stock and determine the quality of manufactured tools and make recommendations for improvement.
- Should have previous experience managing people and processes in a tool manufacturing environment.
- Experience delivering client-focused solutions based on customer needs.
- Excellent verbal and written communications skills.

Working Conditions

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

The noise level in the work environment is usually moderate.

Physical Requirements

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to talk or hear. The employee frequently is required to use hands and fingers to operate a computer keyboard, mouse, calculator, and telephone. The employee is occasionally required to stand, walk, sit, and reach with hands and arms.