



ABOUT US:

Since its inception in 1950, Designatronics, through its three brands serves a worldwide customer base in excess of 15,000 firms ranging from Fortune 500 companies to individual inventors. SDP/SI is a leading manufacturer of small mechanical components and assemblies, servicing a wide variety of industries such as Aerospace, Defense, Medical, as well as the Industrial Sector for over 65 years. We offer over 100,000 power transmission components, including gears, belt and chain drives, shafts, shaft accessories, bearings, couplings, universal joints, vibration mounts, miscellaneous components, hardware, gearheads and speed reducers, right angle drives, brakes and clutches, motors and gear motors. In 2017, Designatronics and its three brands began operations in their new world-class facility designed to greatly improve efficiencies and lead times. The newly constructed 96,000 square foot facility easily meets current capacity requirements and gives the company ample room for growth.

SUMMARY: This position is responsible for set up and operating of Cnc Mori Seki multi-axis lathes, mills, mill/turns or Swiss style machines to fabricate metal into a precision part that was designed by an engineer to a set of specifications for use in mechanical equipment.

ESSENTIAL DUTIES:

Review work order specifications and tool sheet for each job order.

Assure that tool sheet and provided tools correspond to each other and to the job order being produced and understand how new tools that were designed for a specific job are to be used.

Ascertain that the correct raw material and quantity of materials are provided and corresponds to the work order.

Obtain computer program required to create part and download into computer system of the correct machine being used.

Perform machine set up by correctly positioning tools and raw materials into machine, review program and check all for accuracy.

Run machine tool by tool, making adjustments as necessary and work with Foreman to investigate any issues that arise.

After assuring that all is ready to run, produce one piece to create sample and submit for inspection.

Production of piece includes the machining of parts to specifications using machine tools such as lathes, milling machines, grinders and performs inspection using gauges, micrometers and calipers.

Once sample has been approved or adjustments required to be approved have been ascertained, machine parts to specifications. Align and secure holding fixtures, cutting tools, attachments, accessories and materials onto machines and monitor the feed and speed of machines during the machining process.

After completion of job, return computer program and tools with list to appropriate department, sort scraps and dispose into designated areas.

EDUCATION and/or EXPERIENCE:

Degree in Manufacturing or Engineer

Certification from Technical Institute or equivalent with at least 5 - 10 years' of on the job training.

Must have experience with CNC Mill, lathe, mill-turn or Swiss Lathe.

Experience with G code machine programming in corresponding machine technology.

Knowledge of machines and tools, including their designs, uses, repair, and maintenance, raw materials, production processes, quality control, and other techniques for the manufacturing process.

QUALIFICATION REQUIREMENTS:

Must be very detailed oriented, organized, have good communication skills and be a team player.

Must be able to carefully perform each job task, have acute hand eye coordination

Must be able to work quickly and repeatedly adjust the controls of a machine to exact positions.

Must have the ability to focus on a single source of sound in the presence of other distracting sounds is also required.