

Machine Operator: Machine Operator III

Operates light-duty bench- or floor-type machine tools and equipment such as small lathes, power mills, extruding machines, drills or punch presses, power brakes, shears or saws. May set up machining machines and make adjustments, and perform maintenance on machines. Checks work using prescribed gauges, jigs and fixtures to measure close tolerances. Some machines may be numerically controlled. May monitor and verify quality in accordance with statistical process or other control procedures.

Knowledge

Considerable knowledge of the job. Complete acquaintance with, and understanding of, the general and detailed aspects of the job and their practical applications to problems and situations ordinarily encountered.

Supervision Received

Limited supervision. No instructions needed on routine work, and general instructions given on new lines of work or special assignments.

Consequence of Errors

Errors may be difficult to detect and would normally result in loss of customer business, material or equipment.

Contacts

Contacts are frequent with individuals representing other departments and/or representing outside organizations. Contacts involve obtaining or providing information or data on matters of moderate importance to the function of the department or which may be of sensitive nature.

Work Products (Examples may include but are not limited to)

Must be dependable and punctual. Use of ERP/MRP software. Work from written work orders, verbal instructions or blueprints, while keeping all signoffs and inspection buyoffs current. Maintain a clean work area daily. Use of Forklifts and or Pallet Jacks to move materials, tooling and load the machining centers. Set up fixtures on machine and dial in tooling balls. Must be able to select, set and load the correct cutting tools into the tool magazine. Dry run programs prior to production, look for errors and work with Machine Shop Lead to fix errors. Edits programming and regulate machine speeds, feeds, coolant, depth, etc. Runs production jobs on all machining centers. Must have advanced knowledge of Fanuc and Siemens controllers. Troubleshoots any problems that may arise with machining operations. Use SurfCam software to draw and create advanced level tool paths. Use of drill presses, lathes, grinders, sanders, and other machining tools.

Minimum Education and Experience

High school diploma or GED equivalent. Must be proficient using computers and related software. Must be able to use and read scales, calipers, micrometers, etc. This position may require that the person can apply and pass the required criteria to obtain a Secret level clearance.