

Numerical Control Operator: Sr. Lead Numerical Control Operator

Sets up and operates CNC machines using programming skills and set-up tools that automatically mill, drill, ream or bore parts. Assembles and positions tools according to instructions using calipers and hand tools. Changes cutting tools, observes machine operation and verifies accuracy of machinery against blueprints or engineering drawings by measuring cuts with micrometers, dial indicators and gauges. May monitor and verify quality in accordance with statistical process or other control procedures.

Knowledge

Extensive knowledge in specialized functions. A wide and comprehensive acquaintance with, and understanding of, both general and specific aspects of the job and their practical application to complex problems and situations ordinarily encountered.

Supervision Received

Minimal supervision. Work may be done without established procedures.

Consequence of Errors

Errors are very difficult to detect and would normally require significant expenditures to resolve.

Contacts

Contacts are frequently with individuals representing outside organizations and/or individuals of significant importance within the company. Contacts involve planning and preparation of the communications, require skill, tact, persuasion and/or negotiation to accomplish the objectives of the communication.

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

Familiar with machine tools like drills, end mills and other cutting and tapping equipment. Venire Calipers, height gages & pin/thread gages. Proficient with micrometers. Must be capable of some "G" code changes and change feeds and speeds as required. Experience in programming CNC's using MASTERCAM and G-CODE. Ability to design and fabricate work holding fixtures and jigs as required. Utilized PREDATOR to store, update and retrieve CNC programs as required.

Minimum Education and Experience

20 years experience plus leadership skills.