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.

	Level 1	Level 2	Level 3	Level 4
	Numerical Control Operator I	**Numerical Control Operator II**	**Numerical Control Operator III**	**Sr. Lead Numerical Control Operator**
Knowledge	Little or no knowledge of the job. Moderate understanding of general job aspects and some understanding of the detailed aspects of the job.	Full knowledge of the job. Substantial acquaintance with, and understanding of, general aspects of the job with a broad understanding of the detailed aspects of the job.	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.	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	Close supervision involving detailed instructions and constant checking on work performance.	General supervision and instructions given for routine work and detailed instructions given for new activities or special assignments.	Limited supervision. No instructions needed on routine work and general instructions given on new lines of work or special assignments.	Minimal supervision. Work may be done without established procedures.
Consequence of Errors	Errors can be easily and quickly detected within the immediate work unit and would result only in minor disruption or expense to correct.	Errors may be detected and corrected but may cause moderate loss of time or customer/user dissatisfaction.	Errors may be difficult to detect and would normally result in loss of customer business, material, or equipment to resolve.	Errors are very difficult to detect and would normally require significant expenditures to resolve.
Contacts	Contacts are primarily within immediate work unit. Contacts involve obtaining or providing information requiring little explanation or interpretation.	Contacts are typically with individuals within own department and occasionally with contacts outside own organization. Contacts involve obtaining or providing information or data requiring some explanation or interpretation.	Contacts are frequently 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.	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	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.	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.	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	5 years minimum experience as a conventional machinist.	10 years of experience.	15 years of experience.	20 years experience plus leadership skills.