

Position: Process Specialist – Machining
Location: Brantford
Incumbent:
Reports To: Process Engineering Manager

Purpose:

The incumbent in this position will provide machining processes and instructions that will help our plants deliver high quality parts with a focus on efficiency. The Process Specialist will support initiatives to develop new product and new techniques to meet market demand by bridging the customer requirements with manufacturing capabilities.

Responsibilities:

- Assists in the planning, quoting and completion of manufacturing and engineering projects.
- Works closely with all departments through ownership of specialized machining projects from concept to completion.
- Investigates new technologies and processes to maintain a competitive advantage.
- Ensures all aspects of the individual projects are understood and implemented across all plant locations.
- Reviews/specifies fixture design, machining processes, tooling and process controls.
- Supports Sales on machining related activities and quotations.
- Assist in the further development of Patriots manufacturing capabilities
- Creates detailed drawings and required documentation to ensure successful implementation.
- Participates in the programming of various CNC machines.
- Participates in continuous improvement projects.
- Supports Process Engineering with day to day functions as required.
- Creates shop order instructions and drawings as required.
- Participates in other duties and tasks assigned by Management.

Experience/Skills/Education:

- Technical degree in an engineering field with 5 years of experience in machining-related operations or 10 years of experience in a machining environment
- Experience with CNC/NC lathes (vertical and horizontal), milling machines, and other programmable equipment, as well as other advanced machining practices and activities.
- Ability to estimate machining time/costs of complex parts of varying geometry.
- Experience with designing and implementing custom tooling, gauging, and fixtures.
- Working knowledge of MasterCam, Solidworks. Knowledge of comparable CAD/CAM tools will be considered.
- Ability to handle multiple tasks and projects with frequent interruptions.
- Experience and/or knowledge in Metallurgy and Forging would be an asset.
- Good command of English language – written and verbal
- Strong organizational, planning, coordination and priority setting skills to complete multiple tasks and projects

- Demonstrated communication, problem solving, interpersonal and analytical skills
- Good computer skills in MS Office

Health & Safety:

- Conduct all tasks in a safe manner – Think Safety First
- Ensure policies and procedures are followed at all times
- Promote a healthy and safe working environment

Signatures:

Employee: _____
Signature Date

Supervisor/Manager:

Name (print) Signature Date

Human Resources:

Name (print) Signature Date