POSITION SUMMARY

The CNC Programmer I is a junior level programmer position which works closely with the CNC Programmer II with a focus on less complex projects. The programmer generates tool paths and set-up sheets for company equipment based on customer approved drawings and 3D models. The position works closely with sales, engineering, and operations to ensure manufacturability and customer satisfaction.

CLASSIFICATION/REPORTS TO

Non-Exempt

Reports to Production Manager

TASKS AND DUTIES

- **CNC programming:** Interpret 2D blueprints (including GD&T tolerancing) and 3D CAD models requirements and implement into machining strategy using CAD/CAM software (e.g., Mastercam) for 3 axis CNC mills (vertical and horizontal), creating G&M code for machines.
- **Cutting Tools:** Select standard tools. Select, design, and plan job specific cutting tools. Support operations & purchasing to ensure cutting tools are sourced timely and cost effectively to support the job machining schedule and budget. Create program tool list and instructions.
- **Work holding:** Create setup sheets and machinist instructions for work holding. Select and/or design fixturing as needed for the machining process. Use M&F standard setup procedures.
- **Teamwork:** Work with operators and machinists to ensure proper setup of the parts, optimization of cutting parameters roper set up of equipment
- **Continuous improvement:** Implement program feedback and lessons learned. Optimize machining processes. Participate in machining test projects as required.
- **QMS:** Support M&F's quality policy and Quality Management System
- **Housekeeping**: Support facility cleaning activities & FOD policy
- **LEAN**: Participate in 5S, 8 wastes, lean manufacturing initiatives, continual improvement, and cost reduction activities.
- **Safety**: Work & support per M&F's safety policies

EDUCATION/PHYSICAL REQUIREMENTS/SKILLS

Minimum 1 year experience as a machinist and programmer or an equivalent technical background
Some experience with CAD/CAM software, preferably Mastercam or Solidworks

PERFORMANCE EXPECTATIONS

- "Can Do" attitude
- Thorough and Accurate
- Enthusiasm for teamwork
- Passion for machinery manufacturing
- Work with the machining teams as required

WORKING CONDITIONS

While performing the duties of this job, the employee may be exposed to fumes and/or airborne particles, moving mechanical parts and vibration. The noise level in the work environment can be loud. Safety glasses and steel-toed shoes are required in production areas.

SUGGESTED DAILY SCHEDULE

This is a full-time position.

Typical work hours are Monday through Friday, 7:00 a.m. to 3:30 p.m., 40 hours per week. Schedule can be adjusted with management approval.

Overtime may be required occasionally.

ACKNOWLEDGMENT

This job description describes the general nature and level of work performed by employee assigned to this position. It does not state or imply that these are the only duties and responsibilities assigned to the job. The employee may be required to perform other job-related duties as requested by M&F. All requirements are subject to change over time and to possible modifications to reasonably accommodate individuals with a disability.

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EMPLOYEE   DATE