
PFI PRECISION MACHINING POSITION DESCRIPTION

POSITION TITLE: Senior CNC Set-Up Machinist

POSITION REPORTS TO: Vice President, Engineering and Manufacturing

POSITION SUMMARY: The essential job function is to program and set-up CNC equipment for manufacturing of parts at production rates and quality standards.

MAJOR RESPONSIBILITIES:

- 1) Set up and prove out process on various CNC Turning, Mil-Turn, Swiss and/or Vertical Milling Machines – (CNC Machines) involving intricate tooling in a wide range of close tolerance applications.
- 2) Develop machining approaches and G Code programs for new complex jobs. Must validate process from development through first piece and production run rate for repeatability.
- 3) Regrind cutting tools when needed and operate manual equipment for development of work holding solutions.
- 4) Train and instruct others in the proper operation of equipment and manufacturing part processes to meet estimated run rate of quality parts.
- 5) Diagnose and correct processing, tooling or machining problems for a variety of jobs.
- 6) Make and/or recommend programming and job improvements, create and or update work instructions and routers for continuous improvement and cost savings opportunities.
- 7) Validate production rate as documented in the process instructions.
- 8) Support cost estimating functions including vendor communications and development of processing times and approaches for Sales.
- 9) Perform other duties as requested including support and/or actual machine operations to support production demands where necessary

EDUCATION AND EXPERIENCE

- High school diploma or GED
- Minimum 5 years CNC machining and set-up experience (strength in turning is preferred)

- Must be able to read complex blue prints and develop processing instructions
- Ability to add, subtract, multiply, and divide in all units of measure, using whole numbers, common fractions, and decimals
- Strong understanding of shop math and understanding the use and applications of Trigonometry. Ability to compute rate, ratio, and percent.

PHYSICAL REQUIREMENTS:

- 1) Lifting and Bending - Occasional bending and stooping.
- 2) Hearing - Ability to receive detailed information through oral communication.
- 3) Repetitive Motions – Some movements (motions) of the wrists, hands and/or fingers.
- 4) Sitting – Maintaining body position by sitting at desk.
- 5) Talking - Expressing or exchanging ideas through verbal means, including those activities in which one must convey detailed, spoken instructions to others accurately and/or quickly.
- 6) Visual – Requires vision sufficient to perform work dealing largely with preparing and analyzing data and figures, operating computer terminal, and reading.

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