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**SENIOR CNC LATHE TECH**

**Purpose of the Role:**

Performs CNC Lathe Set-up and supports manufacturing and engineering with the development, coding, troubleshooting, and introduction of new products into CNC Lathe production, as necessary.

**Duties & Responsibilities:**

* Demonstrated experience setting up CNC lathes, troubleshooting, solving problems, and coding. Expertise setting up and running (if necessary) Okuma and Trac Lathes.
* Programming experience essential. Experience with Omni Turn a plus.
* Proficiency in setting up multiple-path and multiple axis, sliding and fixed headstock lathes with opposing spindles and live tooling.
* Successfully setup proven/existing programs and processes with minimum supervision/guidance.
* Strong metrology skills
* Possess adequate knowledge of the diverse types of static/live tool blocks and cutting tools available.
* Will make tool and tool path recommendations to improve process.
* Ability to read and edit part programs to establish initial set-up and mapping the machine out for production readiness.
* Basic troubleshooting skills in identifying/resolving part tolerance issues caused by various setup, programming, and tooling issues.
* Effective communication skills and ability to work in a fast-paced team environment while maintaining professionalism under tight deadlines.
* Familiarity with variety of materials including alloy steel, stainless steel, composites and or plastics.
* Maintain inventory by verifying receipt of stock and performing necessary completion transactions in ERP system.
* Train operators in best practices with both machine operation and quality inspection methods.
* Ability to perform calculations using basic math, geometry, and trigonometry, proving part dimensions.
* Verifies settings by measuring positions, first-run part, and sample work pieces, adhering to control plan standards.
* Maintains specifications by taking measurements; detecting malfunctions; replacing worn tools; adhering to quality assurance procedures and processes.
* Maintains safe operations by adhering to safety procedures and regulations. Testing of safety features of a machine during set-up.
* Maintains continuity among work shifts by documenting and communicating actions, irregularities, and continuing needs.
* Documents actions by completing production and quality logs.
* Familiarity and understanding of basic Lean principles including 5S and Visual Management
* Operate machines when set-up work is complete.

**Education, Experience and/or Preferred Skills:**

* High school diploma or general education degree (GED) two-year technical degree is preferred.
* Minimum 3-5 years’ experience as a CNC Lathe Set-up Person
* Machinist apprenticeship highly desired.
* Has operated at least two of these types of machines proficiently: fixed headstock, multi-turret, twin spindle lathe with live tooling and 4-axis simultaneous machining and/or sliding headstock, gang type with rear tool post, twin spindle lathe with live tooling and 4-axis simultaneous machining.
* Proven ability to read programs and update speeds and feeds, as well as making tool/fixture offsets without assistance.

**Working Conditions:**

* Regularly perform repetitive tasks. Work is primarily standing (90 + % of the shift) except for lunch and break periods.
* Shifts are 8 hours. Paid Lunch included.
* The duties of this job normally require exposure to a typical manufacturing area where frequent standing, sitting, stooping/squatting, walking and stair climbing can be expected along with frequent lifting and/or moving of tooling, parts, containers, and materials up to forty pounds with proper tools and technique.
* Must be able to reach with hands and arms, bend and kneel frequently at a minimum 50% of the shift, as well as undergo repetitive wrist, hand, elbow, shoulder, and ankle motions.