



Prototype Machinist

Date: October 25, 2017

Location: Monticello, MN

Exempt / Non-Exempt: Non-Exempt

Full Time / Part Time: Full Time – 2nd Shift (Monday – Thursday 4:30pm-3:00am)

Relocation Available: No

Reports to: Manager of Engineering Services

Classification: Production

Ultra Machining Company is dedicated to making a difference and improving people's quality of life. We deliver life-enhancing products which include medical devices and implants, transportation and energy technologies. Joining our team means working alongside passionate individuals who are committed to our core values of integrity, innovation and quality. Help us build the future of manufacturing by leveraging your creativity, expertise, ambition, and can-do attitude. We are a strong team growing towards a bright future. Join us if you have the aspirations, skills, and problem-solving savvy to contribute to our success.

Job Summary

The Prototype Machinist position is involved in the development of processes and methodologies of manufacturing first run parts.

Essential Functions

The primary duties and responsibilities of the Prototype Machinist consist of but are not limited to:

- One of the key components is documentation of methods for future application in a production setting
- Machine production
- Machine maintenance
- Perform in process inspection of machined products (including documentation of results)
- Constant use of hands and upper extremities in fine and gross manipulation using various wrist positions and grip/pinch spans to operate equipment, push buttons, carry boxes, push carts, etc.
- Frequent firm grip with tools requiring torque to tighten machine parts
- Continuous standing at one machine for prolonged period of time
- Maintain balance when completing machine set-up, production and maintenance duties
- Frequent lifting of steel plates 30# from racking, to cart and machine
- Setup and operation of multiple thru wire EDM machines
- Assist in development of tooling, processes and fixturing for single and multiple pallet production
- Complete secondary operations i.e. deburr, polish, etc. in cycle time per print and process
- Able to lift 70 lbs

Qualifications

- Minimum requirements- Graduate of high school
- Two year certificate in machine trades – preferred
- Minimum work experience – 5 years in a manufacturing environment in relating to machine trades and the products produced

Accountabilities

- The Prototype position is responsible for all areas in the development of process, manufacturing methods, and collection of baseline data, for first time parts at UMC.
- The Prototype position has the unique opportunity for exploration into new technologies and manufacturing methods, free of conventional constraints at UMC

Authorities

- Stop the machine or process if safety, quality, or productivity standards are compromised

Competencies

- Strong CAD/CNC programming skills
- Proficient in GD&T
- Strong mathematics skills
- Understanding of multiple manufacturing processes
- Highly detailed
- Strong mechanical aptitude
- Able to work independently under minimal supervision
- Excellent problem solving skills
- Understanding of tools required to check product to guarantee part quality
- Strong Trigonometry skills preferred

Company Description

UMC is a premier contract manufacturer for medical, aerospace, energy and commercial components and assemblies with AS 9100C (ISO 9001:2008) and ISO 13485:2003 certifications. Founded in 1968, the privately held company employs 190 people and has two facilities located in Monticello, MN and Pine River, MN. UMC is an industry leader helping world-class customers succeed through collaboration and innovation, and is committed to continuous improvement throughout its operations. For more information, visit ultramc.com.

UMC is an Equal Employment Opportunity Employer

Interested candidates may apply online via our website at www.ultramc.com or by submitting a resume to Human Resources at HR@ultramc.com or Fax 763-201-3434.

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