

Title: **Additive Manufacturing Technician**

Employment Type: Full Time

Physical Location: Ann Arbor, MI, 48108

Job Category: Polisher

Company website & info: www.azoth3d.com

Application: please email resume to azothcareers@azoth3d.com



Azoth is currently seeking an Additive Manufacturing Technician to join our team! This position is based at our Ann Arbor, MI facility.

About Azoth

Azoth is a rapidly growing additive manufacturing company focused on small complex metal parts. Azoth has qualified metal 3D printed production components in the automotive, defense, luxury goods, and medical industries. Azoth is searching for team members who are excited to make a difference and join an ambitious group which seeks to be the global leaders in sinter based additive manufacturing. We believe good people are the key to our success and have built a world class production environment for our team to collaborate, innovate, and grow within.

Check out our facility and operations here: <https://www.youtube.com/watch?v=Qw90yqBD2ok>

Primary Function Overview:

The additive manufacturing technician role is focus on sinter-based metal 3D printing technologies. The Lab Technician will be primarily responsible operating the 3D printing and related process equipment, inspection of the printed parts and overall process quality assurance, and support of Research and Development activities. Azoth is seeking an ambitious individual eager to be a part of a growing team. The potential to take on roles in engineering, design, and production exist with time. We are a small, driven group that is making a difference in the manufacturing space and are looking for exceptional people to join us on our journey!

In this function you will:

- Load jobs into 3D printers and keep production equipment operational
- Perform maintenance of production equipment
- Clean printers and keep printers ready for production
- De-powder parts in the binder jetting process
- Operate quality control equipment to ensure parts are manufactured to specifications.
- Post process parts: Including, but not limited to, shot-blasting parts, polishing parts, de- powdering parts, preparing parts for sintering, machining parts, using thread inserts, tapping parts, dyeing parts, and assembly components
- Manage part through final shipment to the customer
- Utilize slicing software to create program for 3D printed part
- Mix powders for printing process
- Operate auxiliary equipment that supports printing (Polishing, Bridgeport, blast cabinet)
- Unload and load compressed gas utilizing forklift outside
- Ensure shop and equipment cleanliness

- Collaborate with Product Applications and Process Engineers to leverage additive technology design methodologies, develop new customer products, meet customer requirements, define product specification and/or Production Part Approval Process.
- Development of presentations and technical material (reports, certificates, data analysis, quality control plans).

Why work at Azoth?

Azoth is a fast-growing company with ample opportunity for employee growth. We have a state-of-the-art facility to work within and industry leading technology. We offer benefits that are industry competitive and take pride in having a tight knit team which relies on one another. We strive to ensure the Azoth team has a collaborative, high energy, and positive workplace.

- Healthcare/retirement savings programs
- Competitive compensation packages to reward skills and performance
- Health, Dental, Vision & Wellness programs
- Training on the latest 3D Printing equipment
- Exciting and challenging work environment, professional career development opportunities in a fast-growing company
- Social activities with colleagues

Basic Qualifications

- Eager to develop a career in Additive Manufacturing Lab, strong devotion and genuine desire to grow their responsibilities
- Hands-on approach, ability to work with hands and think mechanically is needed
- Experience operating lab equipment and/or manufacturing machines or similar
- Proven attention to detail and following set procedures
- Genuine curiosity about product 3D printing technology and metals processing
- Ability to manage time independently, and the able to work overtime if needed
- Comfortable in a fast-paced environment with changing needs
- Entrepreneurial mindset with ability to develop and execute complex plans to reach the product's delivery objectives
- Willingness to learn, appreciation for manufacturing and keen interest in advanced technologies
- Must be able to work in the United States without corporate sponsorship now and within the future.
- This position requires the use of information or access to technology which is subject to the International Traffic in Arms Regulations (ITAR) and/or Export Administration Regulations (EAR). All applicants must be U.S. persons within the meaning of ITAR/EAR. ITAR/EAR defines a U.S. person as a U.S. Citizen, U.S. Permanent Resident (i.e. 'Green Card Holder'), Political Asylee, or Refugee.

Preferred Qualifications

- Basic CAD modelling and GD&T knowledge
- Experience operation computer based equipment as CNC, robots, printers, etc.
- Experience with sinter-based technologies
- Experience with various additive and subtractive manufacturing and joining techniques for metal