

## Lead Materials Technician

Are you a looking to join a high-tech 3D printing company that helps develop the next generation of spacecraft and electric vehicles? Fortius Metals is leading the effort to bring stronger metal alloys to large format robotic additive manufacturing (AM). We are a venture-funded, early stage, high growth company whose products have received multiple awards for high performance applications. We enable stronger, lighter fabrication for aerospace and defense customers with our patented 3D printing and welding alloys. Our long-term goal is to re-shore manufacturing in the USA.

We have an immediate opening for an outstanding Lead Materials Technician to join our growing team. This position will improve the capabilities of Fortius Metals by helping the company scale up material testing of welding wire and fabricated 3D printed parts. The Lead Materials Technician will be responsible for assisting the R&D and production teams in the laboratory, and work cross-functionally with other departments.

Located just outside of Boulder, CO, this position offers wide exposure within an emerging company. Fortius Metals offers competitive compensation, a fun work environment, excellent health, dental, and vision benefits, and an equity position.

All candidates must be United States citizens. Candidates may be required to perform a background reference verification, credit check, and/or preemployment drug screening. Candidates submitted by third-party agencies will not be considered.

### **What you'll do:**

- Exercise critical safety practices in the lab and help establish a strong culture of safety in the workplace.
- Perform metallographic analyses on additively manufactured parts and wire. This will involve tasks such as grinding/polishing, optical microscopy, electron microscopy, etching, and quantitative/qualitative image analysis.
- Utilize analytical chemistry techniques to support quality assurance (FTIR spectroscopy, etc.).
- Document samples, findings, and process changes in detail.
- Collect, analyze, and review data according to both internal and external standards (ASTM, AWS, etc.).
- Help develop and manage multiple lab workflows at once using digital systems.
- Assist in tracking and maintaining levels of chemical stock, lab consumables, and hazardous waste.
- Be prepared to swap priorities on short notice.
- Train other technicians on how to operate processes.
- Occasionally commute to external labs (within metro area) to deliver samples or perform materials testing using outside instruments.
- Work with limited supervision. Assignments can be broad in nature, requiring originality and ingenuity.

### **What you need to know:**

To be successful in this role, you need to be a self-starter that can thrive in ambiguity, identify problems and quickly resolve them, and provide definition to the previously undefined. You should have a strong commitment to quality and safety – and you should have the discipline required to maintain both in a fast-paced environment. You will set the tone for how the company establishes our materials lab. You will be dependable and hard working with the confidence to speak up when necessary. You will need to balance a scrappy, get-it-done attitude with a vision for the long-term processes required for scaling and efficiency.

- Minimum of 3 years' experience in an analytical laboratory setting, or a relevant Associates Degree in Laboratory Science, Chemical Technology, or similar field.
- Strong verbal and written communication skills.

- High attention to detail, and excellent organizational skills.
- Able to focus and work independently on several tasks with little direction.
- Natural curiosity and willingness to learn (especially concerning new software).
- Take initiative and have a sense of urgency
- Great team worker

**Nice to have but not required:**

- Experience working in Aerospace, Medical Devices, or ISO environments.
- Experience modifying, installing, and debugging laboratory equipment.
- Experience in metallography.
- Able to manage projects from start to finish.

If you meet these requirements and want to join a fast-growth company, email your cover letter and resume to [resumes@fortiusmetals.com](mailto:resumes@fortiusmetals.com) Include Job Title “Lead Materials Technician” in the subject of your email.

Fortius Metals is an Equal Opportunity Employer. We value diversity and are committed to creating an inclusive environment for all employees. All aspects of employment are decided on the basis of qualifications, merit, competence, performance and business need.

[www.fortiusmetals.com](http://www.fortiusmetals.com)