

Job Title: Research Technician

Apply: <https://airtable.com/shrh06JdB0IPgk5R9>

More Info: <https://www.solvusglobal.com/careers>

Desired Start: November – December 2021

Job Type: Full Time

At Solvus Global, We Are...

Innovators, Engineers, Entrepreneurs, Makers, Creators, Dreamers, DOERS

Solvus Global is a technology innovation start-up focused on solving problems in the materials and manufacturing space. We are a diverse team of engineers & scientists dedicated to leveraging our Knowledge Capital to develop critical solutions for our customers. Often, those solutions have much greater impact than just one organization and so we focus our innovations on Targeted Commercialization. Our team spins out core technology areas into standalone startups ready to build a team, raise capital, and launch a product/service that solves a critical challenge across entire market sectors in the materials & manufacturing space.

The Opportunity with Solvus Global Is...

Dynamic, Engaging, Cross-Disciplinary, Cutting-Edge, Flexible, EMPOWERING

We are currently looking for a full-time technician who will work side-by-side with our engineers and researchers to support research and development efforts involving novel materials within Solvus Global. A day in this position will start with a quick review between team members of major goals for the day, then will involve moving into the lab to perform various analysis techniques involving metallographic preparation of samples, non-destructive evaluation, mechanical testing, and microscopy. The tasks each day will fluctuate from sectioning, encapsulation, polishing, microscopy, ultrasonic testing, eddy current testing, and mechanical testing to ASTM standards. This will be a fast-paced, dynamic role that requires excellent communication skills, a strong team drive, and an ability to work with your hands and use/learn new tools. The ability to communicate well orally and in written form is critical for this position. This position will be very much hands-on and will require quick decision-making to achieve efficient execution of our objectives and customer orders.

Required Attributes & Skills

- Ability to take & give direction
- Technical mechanical or material experience
- Experience with common manual and power tools
- Experience with machine operation and maintenance
- Experience in at least 2 of the following areas:
 - Metallographic sample preparation
 - Non-destructive materials testing methods
 - Mechanical testing (i.e. tensile, wear, bend, shear testing) per ASTM standards
 - Microscopy techniques (i.e. optical, SEM)
- Data entry and handling as well as report writing

Advantageous Attributes & Skills

- Experience with metal powder for additive manufacturing
- Quality control experience
- Experience with sample inventory management
- Equipment inspection experience