



Production Lab Technician – Magnetocaloric Components

Hello there talented Technicians! We are Magneto, a pioneering startup dedicated to advancing the field of sustainable magnetocaloric heating and cooling. Our team is eagerly searching for a Production Lab Technician to join our ranks.

Wanted

40 hours
MBO or higher
Junior/Medior/Senior
Dutch, English (languages)

Offer

Permanent contract is the goal
€2.800 - €3.000 p/m (gross)

About Magneto:

In Magneto, we believe that we don't have to sacrifice our planet for our comfort or vice versa. Current heating and cooling systems are some of the biggest producers of greenhouse gas emissions. Our solution based on state-of-the-art magnetocaloric technology offers an alternative to producers of heat pump appliances for cooling and heating. An alternative with zero greenhouse gas emissions saves their clients around 30% of power consumption and has a lower cost of ownership. Using cutting-edge additive manufacturing technology, we produce 3D-printed magnetocaloric materials, revolutionizing the cooling and heating industry and enabling highly efficient, gas-free and sustainable refrigeration, air conditioning and household heating.

We are in the exciting phase of a fast-growing start-up and are looking for a reliable and curious Production Lab Technician. The selected candidate will be a core member of the production team, work among a group of multidisciplinary (and fun!) colleagues and develop Magneto but also herself/himself. Join Magneto, and we build revolutionary cooling and heating technology together for a sustainable future!

What you'll do:

Create cutting-edge products: You will be at the heart of our production, quality control and maintenance efforts, using your abilities to create high quality products for our magnetocaloric heating and cooling systems.

- **Production:** Transform raw metal powders into our magnetocaloric products using cutting-edge 3D printers and furnaces. Your hands-on skills will be pivotal in bringing our visions to life.
- **Quality control:** Join forces with our quality control team and use advanced analysis equipment in our lab to ensure the high quality of our magnetocaloric products. Provide ideas to improve lab and production processes and demonstrate continuous improvement.
- **Maintenance:** Ensure proper operation of laboratory equipment by performing maintenance, calibration, verification and assessment activities.

What you'll bring:

You have passion and curiosity for novel sustainable technologies to help our planet! You are always

eager to learn and grow in your expertise. You are a practically oriented person and like to find simple solutions for complex problems.

- **Lab Technician Proficiency:** You possess an undergraduate (HBO) or applied (MBO) degree as a technician. You have practical experience in chemical labs. Experience in research or the chemical industry is definitely a plus.
- **Chemistry:** You have a basic understanding of general chemistry
- **Quality control:** You have a basic understanding of the techniques of quality assurance and quality control
- **Troubleshooting:** Basic understanding of theory, operation, calibration, maintenance and troubleshooting of laboratory instrumentation.
- **Keen eye on safety:** You know how to handle chemicals and ensure that everyone in our lab works safely.
- **Team Collaboration:** Your natural ability to collaborate and communicate effectively makes you a valuable asset to our dynamic team. You get energy from transferring knowledge and working with colleagues. We value diversity of thought and encourage open dialogue. Proficiency in English is a must, Dutch would definitely be appreciated.
- **Curiosity:** You are driven by curiosity and an innate desire to understand and solve problems. You continually seek opportunities for learning and growth.
- **Pragmatism:** Simple solutions to (seemingly) complex problems. If it works, it works.
- **Adaptability & Flexibility:** Startups can be a bit of a rollercoaster. You need to thrive in an ever-changing, fast-paced environment and be ready to pivot when necessary.

What we offer:

- **Innovation Hub:** Join us in exploring groundbreaking technology that has the potential to reshape our world. Magneto is an innovation playground for technicians like you.
- **Significant Impact:** As a part of our startup, your contributions will be immediately noticeable. Your ideas and efforts will play a critical role in shaping our future, and hopefully even the future of our planet.
- **Personal Growth:** In our small team you'll get responsibilities rather sooner than later, with the chance to grow along with the company.
- **Conformal Compensation:** We believe your primary motivation should be intrinsic, but you shouldn't have to sacrifice on your groceries.

Interested?

If you are eager to embark on a journey into the captivating realm of magnetocaloric heating and cooling with Magneto, kindly forward your resume and a brief introduction to jilles@magneto.systems. We eagerly await your application and the opportunity to explore the future of engineering together.

Join us in charting the course toward a more comfortable, sustainable world of heating and cooling!