

Research & Development Engineer

Our company:

Sorption Technologies GmbH has developed a new type of adsorption chiller for waste heat recovery in industrial applications. Currently, we are building up a workshop for production and testing of our new products. We are searching for a highly motivated R&D Engineer to join our team in Mönchengladbach and contribute to the build-up and growth of our company. In this role, you will be responsible for conducting research, designing experiments, and developing new products, processes, or technologies to drive innovation and advancement within the organization.

Responsibilities:

- Conduct research to identify new technologies, materials, or methods for improvement.
- Analyze existing technologies and processes to identify areas for enhancement or innovation.
- Design and develop prototypes or models based on research findings and specifications.
- Collaborate with cross-functional teams (such as design, production, and marketing) to develop new products or improve existing ones.
- Plan and execute experiments to validate hypotheses and to test new ideas.
- Analyze test results and data to refine designs or processes.
- Identify technical challenges or obstacles and develop solutions to overcome them.
- Propose and implement innovative ideas or improvements in products or processes.
- Maintain detailed records of research, experiments, and design iterations.
- Prepare technical reports, presentations, or documentation to communicate findings and progress.

Requirements/ Qualifications:

- Master's degree or higher in engineering (e.g., mechanical, electrical, chemical, etc.), or a related field.
- Strong technical skills and expertise relevant to the specific industry or field of research.
- Proficiency in research methodologies, data analysis, and experimental design.
- Experience with SolidWorks 3D design software or other relevant tools.
- Excellent problem-solving abilities and a creative approach to innovation.
- Strong communication and collaboration skills for effective teamwork.
- English skill is necessary. German skill is preferred.
- Full time, on site at Mönchengladbach (Germany)