

Test Engineer

Sunamp are looking to appoint an experienced and specialist Test Engineer for their rapidly growing engineering team. The role will operate out of Greater Edinburgh and will assume responsibility for testing, design, development, production and application integration of Sunamp's existing products.

The ideal candidate will be comfortable with travelling to different sites if required and have experience of working within plumbing, heating and electrics. You will have a minimum of five years experience working in an innovative product development environment, preferably within HVAC and engineering. Stand out candidates will also have an understanding of Thermodynamics, Phase Change Materials and their use for Heat Storage as well as experience of building and installing Thermal Systems.

A bit about us

The company designs and manufactures space-saving thermal storage *solutions* that make homes, buildings and vehicles more energy-efficient and sustainable, while reducing their carbon emission outputs and optimising renewables.

This is an excellent opportunity for the right candidate to join a rapidly expanding, award winning and innovative company. Having recently been awarded the first ever King's Award for Enterprise, this prestigious award is testament to our excellence in innovation and the exceptional performance of our products.

Positively contributing to energy efficiency and sustainable advancement is central to our operations and recognition of how our products achieve this will be vital to the role. Researching into who we are and what we do is a must for the candidate to better understand and appreciate the direction and history of the company.

If this is a vision you share and are passionate about, and believe you have the right skill set to succeed, this could be an important future role for you.

Responsibilities you will be involved with:

- Define test strategies for Sunamp products and relevant applications from front end business needs.
- Design test cases according to requirements setup by internal or external business needs.
- Control the companies test requirements, through scheduling and resourcing test activities.
- Run test cases automatically and/or manually.
- Proactively identify quality issues.
- Continuously improve testing technologies, methodologies, and procedures.
- Verify Sunamp products software features, compatibility, and performance, through robust and stable test criteria
- Analyse test results and prepare test summary reports.
- Knowledge of test methodologies and UK and International standards that relate to the product under test, for product compliance and performance criteria
- Support root cause investigation and implementation of corrective actions.
- Support cost reduction programs

Safety

- Conduct risk assessments and safety audits on personnel, equipment and materials.

Quality

- Assure product and process quality by capturing key process indicators (KPIs) and implementing required testing methods.
- Support engagement with standards and approvals bodies to ensure Sunamp's process and procedures are in compliance with national and international standards.
- Working knowledge of ISO 9001 14001, 18001 and TS 16949 and its compliance requirements.

Who we are looking for:

The right candidate will be able to provide demonstrable evidence and talk in detail about their skills, experience, knowledge and understanding across the following criteria;

- Understanding of thermal properties of materials, thermodynamics and heat exchanges.
- Minimum 5 years' experience in an innovative product development environment.
- Working knowledge and experience of the HVAC industry is highly desirable.
- Working knowledge and skilled in plumbing, heating and electrics.
- Good communication and presentation skills.
- Proven ability to effectively collaborate with others.
- Adaptability and readiness to challenge existing practices and find alternatives.
- Proficient with Data Acquisition Systems.
- Degree Qualified in a relevant Engineering discipline.
- Adaptability and readiness to challenge existing practices and find alternatives.
- An understanding of Six Sigma and Lean methodologies.
- Awareness of ISO 9001, 14001, 18001 and TS 16949

Standout candidates will also be able to demonstrate their knowledge, ability and skills for the following.

- Experience in Testing and problem solving through thorough testing campaigns.
- An understanding of Phase Change Materials and their use for Heat Storage.
- Hands-on practical experience building and/or installing Thermal Systems.
- Working knowledge of Six Sigma and Lean methodologies.
- Proven experience leading projects and delivering technical solutions to quality, schedule and cost targets.
- Advanced degree such as Masters or PhD, or member of an Engineering Institution.
- Second language ideally French, German, Italian or Spanish.

Expected personal qualities and behaviours:

- Requires minimal direction to undertake the role and supports departmental decision making.
- Seeks continuous self-improvement and ability to self-manage.
- Maintains composure during stressful situations and whilst undertaking difficult tasks.
- Shares knowledge and provides helpful feedback to accelerate the development of others.
- Communicates clearly, concisely, and respectfully.

- Always well prepared and proactively arrives to problems with solutions.
- Constructively challenges status quo and recommends new improved methods/solutions.
- Interacts well with other departments and is considered an excellent team player.
- Naturally curious, creative, innovative and has excellent attention to detail.
- Logical thinker able to comprehend complex systems.
- Recognises the importance of harnessing an inclusive workplace environment.
- Able to respect and work with and show a commitment to Sunamp cultural values.

As a company we take your development and progression seriously and look forward to helping develop your skillset as we grow.

Sunamp is an Equal Opportunities Employer. The company is committed to equal employment opportunities regardless of age, sexual orientation, gender, pregnancy, religion, nationality, ethnic origin, disability, medical history, skin colour, marital status, genetic information or parental status. We base all our employment decisions on merit, job requirements and business needs.