

## **Prototype Technician**

Due to our expanding engineering team, we are now currently looking to appoint a Prototype Technician to help support the testing and qualification of Sunamps' products.

The role will be pivotal in the ideation, build, test and optimisation of conceptual designs, as well as the testing and qualification of new products.

The ideal candidate will have a minimum of five years experience working within the HVAC industry in an engineering role or function.

### **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.

### **Purpose and responsibilities of the role**

The role will help support the integration of Sunamp's products within the market via development, testing and the optimisation of Sunamp's products.

The role is based at our head office in Macmerry, on the outskirts of Edinburgh, Scotland and will primarily support the existing team, in their development and optimisation of Sunamp's products.

Collaborative relationship building and technical capability are key to the success of this role.

### **Responsibilities you will be involved with:**

- Support the upfront creative ideation process of generating, developing, and communicating new Sunamp product ideas.
- Fabricate bespoke components utilising inhouse and available external capabilities.
- Fabricate and build product prototypes utilising inhouse and available external capabilities.
- Fabricate and build test rigs utilising inhouse and available external capabilities.
- Conduct proof of concept qualification testing utilising inhouse and available external capabilities.
- Create, manage and communicate prototype & test projects list.

- Engage with test houses and approvals bodies to define product certification requirements.
- Conduct inhouse and external testing to ensure compliance with certification requirements.
- Collate prototype/product performance data and produce test reports.
- Identify opportunities to enhance inhouse prototype and test capabilities.
- Support Supply Chain/Production initiatives and root cause investigation.
- Highlight opportunities for value engineering and continuous improvement.
- Coach and mentor Technicians and/or other team members as appropriate.
- Prepare, review and approve departmental procedures and project documentation.

### **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;

- Minimum 5 years experience building, installing or testing systems for HVAC applications.
- Minimum 5 years experience metal welding or brazing, with F-gas certification desirable.
- Minimum 5 years plumbing-related experience, including use of associated tools/equipment and correct component selection for build.
- Minimum 5 years experience within a prototype, test or new product development environment.
- Electrical competency certification desirable.
- Working knowledge of current and novel materials and manufacturing processes/methods.
- Proficient in Microsoft packages, such as Excel, Word, Powerpoint and Outlook.
- Good communication and presentation skills.
- Proven ability to effectively collaborate with and persuade others.
- Adaptability and readiness to challenge existing practices and find alternatives.
- Working knowledge of ISO 9001, ISO14001, TS16949 and related standards is desirable.
- Degree qualified in a relevant Engineering discipline or equivalent accrued experience within a related field is desirable.

### **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.
- Confident interacting with key stakeholders, customers and able to influence others.
- 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.