

Senior New Product Introduction Engineer

Our engineering team is seeking an experienced and innovative Senior New Product Introduction Engineer, they will be located at our head office, outside of Edinburgh and will be responsible for production implementation of our new products. This will also include assuming responsibility of our supply chain and the factory support required to help bring our new products to life.

The role will also extend to modifications and improvements to our existing product ranges. Value engineering will be important, and you will have experience of this from previous roles. When required you may also be asked to oversee the production of the new product at global sites.

This is an excellent opportunity for an individual who has proven their grit in the new product arena and is looking to further expand on their engineering skills. You will be an accomplished engineer with a strong background in engineering production and manufacturing processes, new product introduction and innovation.

Being a senior member of the team, you will also be expected to lead and mentor students, graduates, technicians, and junior engineers. This you will do naturally with a flair and genuine interest in developing people and inspiring talent.

Experience of electrical manufacturing, and work within the HVAC sector is highly desirable. You will ideally be a skilled engineer with a proven track record.

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:

- Lead the production implementation of new products and extensions to the existing product range.
- Support the assessment of new process, product and technology ideas.
- Create work instructions (WI) for production processes and manage the change procedure and documentation on identified improvements.
- Support the assessment and implementation of new global Sunamp/OEM factories.
- Lead root cause investigation and implementation of corrective actions initiatives.

- Provide rapid Supply Chain and Factory support for existing Sunamp product ranges.
- Ensure training programmes are completed according to the WI and manage the associated training documentation.
- Act as the process owner for Sunamp's technical product documentation, Vault and NPI governance.
- Lead key business projects and project teams, as well as creating and managing project plans.
- Define opportunities for value engineering/cost down and take the lead to drive through to implementation.
- Work very closely with Purchasing and Factory teams to investigate and resolve issues preventing a steady flow of materials/products.
- Coach, mentor and manage a team of Students, Graduates, Technicians and/or Engineers conducting performance appraisals as appropriate.
- Prepare, review and approve departmental and project documentation.
- Review and approval of technical drawings for issue for certification, production and suppliers.
- Identify potential patentable ideas and lead process of Intellectual Property protection.
- Support new business development through Sales support and customer presentations.
- Assess and analyse current production methods, including work flow, space requirements, and equipment layout.
- Provide the business with manufacturing decision-making information by calculating production, labour, and material costs.

Safety

- Develop and execute safety plans ensuring compliance with all regulatory bodies and standards.
- Prepare, evaluate and enforce policies & procedures to establish a positive safety culture.
- Conducts risk assessments and safety audits on personnel, equipment and materials.
- Analyses accident & incident reports and propose improvement plans.
- Oversee issuing of work permits.

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.

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;

- Awareness of current and novel manufacturing methods, process flows and equipment that maximise cost-effectiveness and efficiency whilst maintaining quality.
- Experience of New Product Introduction and end to end implementation of new production processes.
- Ability to evaluate quality control processes and make improvement recommendations.
- Working knowledge of Six Sigma/Lean methodologies and how to deploy these to reduce waste, enhance quality and improve efficiency.
- Understanding of Electrical wiring standards and processes.
- Understanding of key national and international standards and ensuring that the organisation's processes/procedures comply.

- Ability to analyse and plan workflow, space requirements and equipment placement to maximise manufacturing efficiency.
- Experience implementing preventative maintenance procedures and methods to ensure production equipment is operational with minimal downtime.
- Proven experience leading multi-disciplined projects teams and delivering solutions to quality, schedule and cost targets.
- Excellent communication and presentation skills.
- Ability to effectively collaborate with and persuade others.
- Adaptability and readiness to challenge existing practices and find alternatives.
- Knowledge of Phase Change Materials and their use for Heat Storage is beneficial.
- 10 year's + experience within a manufacturing/production environment driving continuous improvement.
- Degree Qualified in a relevant Engineering or Manufacturing related discipline.
- A Second language (desirable)

Expected personal qualities and behaviours:

- Acts as a technical and behavioural role-model.
- Requires minimal direction to undertake role and supports departmental decision making.
- Seeks continuous self-improvement and manages self-learning.
- Maintains composure during stressful situations and whilst undertaking difficult tasks.
- Confident interacting with key stakeholders, customers and able to influence others.
- Capable leading project meetings and making key presentations.
- 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.
- 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.
- Constructively challenges status quo and recommends new improved Methods solutions.
- Leads by example by displaying positive attitude that helps create a can-do environment.

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.