



Production Engineer

Lightricity is a high-tech SME which has developed ultra-high efficiency light (photovoltaic) energy harvesting technologies for IoT and space applications. Our indoor PV technology provides power to smart devices and sensors without the need for disposable batteries, providing a sustainable and cost-effective solution for powering billions of smart devices and sensors. Our outdoor PV technology has state-of-the-art performance and provides electrical power for micro-satellites and UAVs.

Lightricity is seeking a highly skilled Production Engineer to lead the manufacturing and process optimisation of our high-efficiency space products. The successful candidate should enjoy hands-on activities and have a relevant degree in engineering. Experience working with space-grade components or systems (e.g. Cubesats) is desirable but not essential.

Responsibilities:

- Responsible for planning and coordinating the production processes required to manufacture space-grade devices and assemblies.
- Bridging the gap between R&D and manufacturing, ensuring our products meet rigorous space standards
- Manufacturing process optimisation; implement process improvements to increase yield, throughput, and cost-efficiency.
- Quality assurance and compliance
- Equipment management

Required skills/experience:

- Experience working in laboratories and/or workshops
- Ability to work under own initiative and to manage workload appropriately to meet tight deadlines
- Practical soldering/welding experience for space manufacturing
- Knowledge of space industry processes and standards
- A team player, with good communication skills
- Eligible to work in the UK
- Bachelor's or Master's degree in engineering (Mechanical, Manufacturing, Space, Materials Science) or a related discipline

Desirable skills/experience:

- Experience with solar cells (incl. compound semiconductors) and/or modules
- Experience in lamination and/or encapsulation processes
- Experience working in a manufacturing environment

Benefits:

- Competitive salary
- Workplace pension
- Access to tennis court and table tennis on-site
- On-site facilities (kitchen, changing rooms, showers)
- Great location in the Oxford Science Park

To apply, please send your CV and a covering letter to jobs@lightricity.co.uk