

Job Title: Manufacturing Engineer  
Reporting to: Manufacturing Engineering Manager  
Reports: N/A

### Company description

Ilika ([www.ilika.com](http://www.ilika.com)) is a pioneer in solid state batteries. The company has developed miniature micro-fabricated solid state batteries (Stereax) for Internet of Things (IoT) applications and is now developing large format solid-state cells for electric vehicles.

Ilika is a publicly listed company with its head office in Romsey and a facility at the University of Southampton. In 2021 Ilika has established a new facility in Chandlers Ford for the scale up and manufacture of Stereax solid state batteries. We offer the successful candidate a competitive package and the opportunity to be part of a world class technical team using state of the art equipment in a supportive environment. This is an excellent opportunity to join the team during a period of growth, and to make a meaningful contribution during this exciting transition.

### Overview of the role

The individual will lead and motivate a team of engineers supporting Ilika's production of Stereax thin film solid-state batteries.

### Responsibilities will include:

- Recognise the importance of and create an inspirational can-do culture in the organisation, with a focus on process improvement, adding value to the business;
- Taking the initiative in proposing and implementing solutions for areas for improvement in the Company's operations;
- Maintain ISO standards including authoring operating procedures;
- Adhere to and develop good manufacturing practice and implementation and approval of risk assessments and COSHH where appropriate;
- Operation of manufacturing equipment and performing measurement and analysis on manufactured product;
- Process development of recipes and procedures for manufacturing equipment;
- Ensuring Key Performance Indicators (KPI's) and quality standards are met;
- Responsible for process control (using SPC where appropriate), yield improvement, general continuous improvement to optimise the process;
- Responsible for writing and maintaining appropriate documentation (e.g. Standard Operation Procedures and Work Instructions);
- Responsible for training in area of expertise for employees as appropriate;
- Lead RCA and CAPA;
- Technical support with upgrades and modifications to manufacturing tools.

### To be successful in this role, you will possess the following:

- Proven experience in a process environment – e.g. chemical, semiconductor or medical industries
- Knowledge and understanding of appropriate production process(es) and metrology;

- Good understanding of manufacturing engineering processes;
- Minimum HNC or equivalent in appropriate discipline;
- Knowledge of Lean Six Sigma techniques an advantage;
- Effective written and oral communication;
- Ability to write well defined operating procedures in compliance with ISO standards;
- Demonstrated ability to work well in a team;
- Good time management skills;
- Conscientious and have a good eye for detail.
- Experience of working in a cleanroom an advantage.

Applicant must be eligible to work in the UK.

Ilika is an equal opportunities employer and positively encourages applications from suitably qualified and eligible candidates regardless of sex, race, disability, age, sexual orientation, gender reassignment, religion or belief, marital status, or pregnancy and maternity.

**Contact: [careers@ilika.com](mailto:careers@ilika.com)**