

Job Description

Job Title	Lab QC Technician (full time)
Reports to	Head of Scale up and Production / Senior Process Engineer
Department	Scale up and Production
Location	Sawston, Cambridge, UK

Who we are

Echion is a world-leading battery technology developer based in Sawston, near Cambridge. We have developed advanced materials enabling the next-generation superfast charging batteries. This enables a fundamental rethink of how products are designed and used, from industrial e-mobility applications, consumer electronics, and more.

It's a fantastic time to join Echion. The company is now successfully trading with its flagship XNO® product. We have big commercial ambitions and a super exciting roadmap of new products to develop.

We're looking for like-minded people to be part of our journey towards a successful future. Learn more at www.echiontech.com.

Job Summary

This role will be under the supervision of process engineers and scientists and will have two main aspects:

- Performing quality control of the materials to assess conformance with product specifications
- Assisting with calibration and maintenance of equipment for scaling up the production of advanced battery materials

It is an exciting opportunity for the right candidate, with the ideal person being self-motivated, a team player, and having a high degree of technical lab skills.

Key Responsibilities

1. Conduct laboratory analytical tests to assess the performance of the materials. This will include using equipment such as XRD, SEM, PSD, BET and conducting electrochemical performance tests on coin cell batteries.
2. Responsibility for all aspects of quality control, including production sample testing, data recording and reporting, and maintaining data records.
3. Summarising and presenting results, analysing data, preparing reports, and proposing process improvements to internal stakeholders.

4. Supporting further implementation of, and using ISO9001 processes for scale-up and production of battery materials for example, by writing and updating SOPs, assisting with corrective and preventative actions.
5. Preparation of shipments to customers or partners including preparing the CoAs.
6. Performing equipment maintenance and calibration, working with the Lab Manager.
7. Assisting with Goods Incoming checks as needed.

Education & Qualifications required	<ul style="list-style-type: none"> • Minimum of 3 A-levels or equivalent with at least one science-based
Experience required	<ul style="list-style-type: none"> • Minimum of 3 years of hands-on experience as a lab technician or similar, ideally in a chemistry or materials lab environment
Skills & knowledge required	<ul style="list-style-type: none"> • Experience in materials characterisation, particularly XRD, PSD, SEM etc. • Excellent laboratory skills, including maintaining a lab notebook, databases, and good housekeeping. • Experience in following good occupational health and safety practices. • Experience in GLP.
Success factors for the role	<ul style="list-style-type: none"> • Hard-working, organized, and highly self-motivated. • Strong communication skills. • Capable of prioritising tasks to meet project goals. • Excellent ability to work to short deadlines as part of a diverse international team. • Good mechanical ability/awareness. • Experience writing and working to SOP's. • Experience in powder handling and processing. • Experience in battery materials manufacture and quality control. • Experience in practical inorganic chemistry. • Science based university degree.
Other key information	<ul style="list-style-type: none"> • Permanent position. • Based in Sawston, Cambridge, UK.
Our values	<ul style="list-style-type: none"> • Pragmatic • Collaborative • Customer Focused • Engaged • Enterprising • Reliable • Excellence

What we offer:

- Competitive salary

- 27 days annual leave plus UK bank holidays
- Option to buy additional holiday days
- Private Health Insurance and Health Care Cash Plan for dental and optical fees
- Income Protection Scheme
- Life Assurance Scheme
- Dynamic, cross-functional working environment
- Enhanced pension plan
- Employee Assistance Programme and wellbeing support app
- Cycle to work bike purchase scheme
- Career advancement and opportunities

Interested in applying?

We'd love to hear from you.

Our vacancies are advertised on our website. You can also email us your application including CV and cover letter to recruitment@echiontech.com.