



FORGE MINERALS

FORGE MINERALS – EDINBURGH

Laboratory Technician

Critical Minerals & CO2 Utilisation Research – Edinburgh Laboratory

LOCATION

Edinburgh, UK (on-site,
Musselburgh)

CONTRACT

Full-time, permanent

SALARY

£35,000 - 42,000 per
annum, DOE

REPORTS TO

Director of R&D

About Forge Minerals

Forge Minerals is an Edinburgh-based sustainable technology company on a mission to disrupt mineral manufacturing and the chemicals industry to support a transition to a secure, low-carbon economy. The materials we help bring safely and responsibly to market are essential to the built environment, and the wider decarbonisation of global supply chains.

We're a small, ambitious team who believe that rigorous science and genuine climate impact go hand in hand – every process we assess and develop is judged on both. As we grow our Edinburgh laboratory, we're looking for people who want their day-to-day work to matter for the climate, not just on paper.

The Role

We're looking for a Laboratory Technician to join our Edinburgh-based analytical and processing lab. You'll support our Director of R&D in preparing samples, manufacturing materials using our process equipment, aiding in data acquisition and record keeping, maintaining lab equipment, and upholding rigorous standards of health, safety and data integrity.

This is a hands-on role at the centre of our mission: the quality and care you bring to the bench directly informs decisions about which processing routes can deliver real climate impact at scale. It's an ideal opportunity for someone early in their chemistry or science career who wants to build practical, applied laboratory experience within a fast-moving, mission-driven organisation.

Key Responsibilities

- Manufacture material batches and prepare samples for analysis / sale in line with standard operating procedures
- Operate, calibrate and maintain laboratory instrumentation
- Accurately record, check and report experimental data, maintaining meticulous lab notebooks and digital records
- Support the R&D team with sample digestion, extraction and other wet-chemistry preparation work
- Maintain a clean, organised and safe laboratory environment, including stock control of reagents and consumables
- Follow and help uphold all health, safety and environmental procedures, including COSHH and waste-management protocols
- Assist with troubleshooting equipment issues and liaising with external service engineers as required
- Contribute ideas for improving lab efficiency, sustainable lab practice, and data quality

About You

Essential

- A degree or diploma in a technical or scientific discipline
- Some prior laboratory experience, gained through study, placement, internship or employment
- A careful, methodical approach with strong attention to detail and accurate record-keeping
- A proactive, hands-on, approach to problem solving



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- Good written and verbal communication skills
- A genuine interest in critical minerals, climate and the energy transition
- The right to work in the UK and willingness to work on-site in our Edinburgh laboratory (Edinburgh Innovation Hub)

Desirable

- Familiarity with analytical techniques or wet chemical analysis
- Experience with COSHH assessments and laboratory health & safety practice
- Handling compressed gas and pressure systems
- An interest in developing towards an applied research chemistry or analytical chemistry career path

We warmly welcome applications from early-career candidates, including recent graduates, and encourage you to apply even if you don't meet every desirable criterion.

What We Offer

Benefits & Rewards

- **Pension:** employer contributions into our workplace pension scheme from day one.
- **Generous Leave:** 25 days' annual leave plus bank holidays.
- **Climate Impact:** work that contributes directly to decarbonising global mineral supply chains.
- **Growth & Development:** personal learning and development, mentoring, and clearly outlined milestones.
- **Edinburgh Base:** a modern, well-equipped laboratory and office on the edge of Edinburgh, with a collaborative and supportive team culture.

Early Careers & Encouraging Women to Apply

Forge Minerals is actively building a diverse and inclusive team, and we recognise that women and other groups remain underrepresented in laboratory, chemistry and geoscience careers. We strongly encourage and warmly welcome applications from women, as well as from candidates of all backgrounds and career stages, to apply for this role.

This role is open to early-career candidates. We know that talent doesn't always come with a long CV, and we're glad to support your development through mentoring, training and hands-on experience as part of our team.

Equal Opportunities

Forge Minerals is an equal opportunity employer. We are committed to creating an inclusive environment for all, and do not discriminate on the basis of race, colour, ethnicity, religion or belief, sex, gender identity or expression, sexual orientation, marriage or civil partnership status, pregnancy or maternity, national origin, disability, age, or any other protected characteristic. All qualified applicants will receive equal consideration for employment, and we are happy to discuss reasonable adjustments to our recruitment process on request.

How to Apply

Please send your CV and a short covering note via our LinkedIn job listing. We review applications on a rolling basis, so please apply early.