

INTERNSHIP ROLE PROFILE

GENERAL DETAILS	
Role Title	Mineral Processing Internship x 1, Raw Material Supply Chain Internship x 1, <i>both paid at the National Living Wage</i>
Department	Engineering & Supply Chain <i>respectively</i>
Reports to (manager)	Engineering Manager & Commercial Director <i>respectively</i>
Location	Home based anywhere in the UK, and opportunities will be provided to attend face-to-face meetings where appropriate
Duration & Start Date	Flexible on both, but ideally for a minimum of 8 weeks
ABOUT GREEN LITHIUM REFINING LIMITED	
<p>Our vision at Green Lithium Refining Limited is clear: we're working to enable our planet's transition to sustainable energy.</p> <p>We are on an exciting journey to build the first large-scale lithium refinery in the UK using an innovative, new alkali leach hydrometallurgy process to achieve a low carbon, sustainable footprint. The hydrometallurgy will be used in conjunction with pyrometallurgy and crystallisation. Once commissioned, our refinery will produce high-purity lithium chemicals for use in lithium-ion batteries and will drive the UK and Europe's electric vehicle revolution. As a team, we aspire to best-in-class environmental credentials and are working hard to ensure our refinery is as environmentally sound as possible, choosing processes, equipment and partners who champion this and help us achieve our mission.</p> <p>Traditionally, lithium refining has been a dirty process reliant on burning fossil fuels and creating harmful waste products. Our refining process creates valuable by-products which can be used in other industries and will also benefit from the burgeoning green energy sector in the North-East: the location of our first refinery.</p>	
TYPICAL TASKS	
<p>Green Lithium would like to support 2 placements through the WIM Internship Scheme. One will be chemistry-based working in our Engineering team and one will focus on raw material supply chain.</p> <p>Both placements will be hands-on and provide an opportunity to gain valuable work experience. The outputs from both roles will feed into the wider business and as a result the interns will have a rare opportunity to work cross-functionally in a business being exposed to Operations, Business Development, Project Management, Environment, Procurement, Sales and Finance.</p> <p>The Mineral Processing Intern will be given a specific project involving the following:</p> <ul style="list-style-type: none"> - Develop, define and share an in-depth chemical expertise in a specific area. 	

- Work across the business, supporting the design development of the process.
- Support the process for technology selection for the refinery.
- Working with designers and technology partners to ensure Green Lithium's requirements are met.

The Supply Chain Intern will also be given a specific project, involving the following areas:

- Work in the commercial team in the creation of commercial contracts with supply chain partners and potential off-take customers.
- Ensuring a responsibility for environmental sustainability amongst partners through commercial contracts (including for example, localisation mandates and great supplier co-innovations).

ESSENTIAL REQUIREMENTS

Application/Energy	Excellent communication skills with the desire to ask questions and get involved. Highly self-motivated being comfortable working on your own initiative. Professional work ethic and behaviour. Team player in a diverse and inclusive environment.
Knowledge	Formal qualifications: <i>For the Mineral Processing role:</i> Chemical Engineering, Process Engineering or Geological Sciences (either in progress or a recent graduate of) <i>For the Supply Chain role:</i> Business and/or Economics Degree, Procurement or a Supply Chain degree (either in progress or a recent graduate of) Knowledge of or an interest in battery metals / EV market would be an advantage.
Technical Skills	Ability to: Have strong oral and written fluency in English.

PURPOSE

Green Lithium Refining Limited has 5 values: Sustainable, One Team, Responsible, Excellence and Agile. We believe the true power of a team can only be unlocked when you recognise and embrace the diversity of a team and provide an inclusive environment which allows everyone to achieve.

Established in 2021, Green Lithium is a small, closely knit team and as a result of this interns will get a unique opportunity to focus on the roles outlined above, whilst also being exposed to wider business issues.