



E-One Moli Energy (Canada) Limited is a leading edge lithium-ion battery research and development facility located in Maple Ridge, B.C. We are proud of our roots that first began in a Physics lab at UBC in 1977 and have evolved into a world leader in materials research and battery development. Our technically minded employees are a fantastic group who really love to research and develop great batteries!

We are looking for a **RESEARCH SCIENTIST** for cathode development to join our growing team of experts. The successful candidate will be a creative and driven individual who will broaden our expertise in the specialty of cathodes as it applies to Li-ion batteries as well as more fundamental studies.

#### **THE ROLE**

Our Research Scientists lead the planning and execution of experiments designed to improve specific qualities of current and upcoming cell designs. They are responsible for summarizing and presenting this data to our research teams.

#### **KEY RESPONSIBILITIES**

- Use standard techniques to understand active processes within a Li-ion cell, specifically targeting cathode improvements.
- Plan and execute experiments in a self-directed manner.
- Regular reporting of results to the team, including insightful conclusions in addition to result summaries.
- Identify new concepts and techniques to be applied to commercially relevant Li-ion cell designs.
- Provide support for product development teams by developing improvements to current and upcoming cell designs.
- Provide support to our manufacturing facility in Taiwan.
- Scientists are required to keep abreast of new developments in Li-ion technology, as well as keep up to date within their own sub-disciplines.

#### **QUALIFICATIONS**

- M.Sc. or PhD in Chemistry, Physics or a relevant Engineering field with a strong understanding of current and upcoming lithium-ion battery cathode materials. This may also include synthesis and understanding of various cathode materials.
- Post-graduate career experience in Li-ion technology is preferred, however, candidates with relevant graduate work with lithium-ion cathode materials will be considered.
- Strong critical thinking skills, which aid the ability to communicate project needs, challenges, decisions, and proposed solutions.
- Well-developed technical writing skills with experience in the compilation and presentation of data to groups.
- Proficiency in Excel and Powerpoint.
- Ability to direct and manage projects, with limited supervision.
- Versatility and aptitude to rapidly master new concepts, equipment, etc.
- Adaptability when working in a rapidly changing work environment.
- Committed to product excellence and continuous improvement.

#### **What's in it for you?**

All our employees enjoy Moli perks – a great working environment, flexible start times, regular social functions, excellent company-paid benefit package, 3 weeks' vacation (to start), employer matching pension plan, and professional development opportunities.

E-One Moli Energy (Canada) Limited values diversity in the workplace and is committed to employment equity.

To apply for this position, send your resume and cover letter via email to [careers@molienergy.com](mailto:careers@molienergy.com)