

MECHANICAL ENGINEER IN TRAINING

Location: Cobalt Refinery, Temiskaming Shores, Ontario

Reference No: 2024-026

Position Type: Full-Time

Rate of Pay: Salary, Commensurate with experience and qualifications

ABOUT ELECTRA BATTERY MATERIALS

Electra is planning to build North America's only fully integrated, localized and environmentally sustainable battery materials complex. Thus far, in 2024 Electra received \$10 million in Federal government funding and \$20 million from the U.S. Department of Defense to provide support toward the development of its battery materials complex. Leveraging the company's own mining assets and business partners, the Electra Battery Materials Park will host a cobalt sulfate plant with plans to build a nickel sulfate plant and a large-scale lithium-ion battery recycling facility. Electra's focus will be to supply the North American Electric Vehicle market with battery materials to support the manufacturing of lithium-ion batteries within North America. Electra Battery Materials is an integral part of the North American battery supply chain, providing low-carbon, sustainable and traceable raw materials for the region's fast growing electric vehicle industry.

RESPONSIBILITIES

Below is a list of primary duties and responsibilities for the Mechanical Engineer in Training position at the Cobalt Refinery:

- Assist engineers in preparing, coordinating, and reviewing deliverables for mechanical systems;
- Applying fundamentals and engineering tools to design mechanical systems including process equipment;
- Prepare engineering documents for mechanical equipment including datasheets, technical specifications and engineering requisitions;
- Provide oversight for minor mechanical projects within the plant and coordinate with other disciplines on these projects including electrical and instrumentation, structural, civil and process engineers;
- Liaise between owners team, engineering team and construction teams on various plant projects;
- Learn and adapt to various engineering tasks as required to meet changing market needs;
- Develop management systems to monitor refinery consumables and identify opportunities for cost reductions;
- Participate in the owners project team to support in establishing a preventative maintenance system;
- Ensure compliance with all health and safety standards as well as QA/QC related to the lab and production departments; and
- Other duties as assigned by management.

QUALIFICATIONS

- A Bachelor's Degree in Mechanical Engineering or equivalent, Mechanical Technologists may be considered;
- Advanced knowledge of principles and methods used in base metal processing;
- Good analytical skills for identifying mechanical shortfalls, bottlenecks and recommending design changes;
- Must be local or willing to relocate to Temiskaming Shores, ON;
- Innovative problem-solving skills and ability to take calculated risks to improve operating efficiencies applied to revenue generation and cost containment;
- Solid communication skills including good written composition and presentation of ideas and concepts;
- Willing to take on various services support tasks including mechanical, civil and preventative maintenance systems support; and,
- High level of computer literacy in MS Windows and MS Office applications.

WHY JOIN ELECTRA BATTERY MATERIALS?

Together, we will power a better path forward. Be a part of a fast-growing team, as we succeed in becoming North America's first integrated battery materials park, providing battery grade materials for the electric vehicle revolution. Our success is contingent on the hard work and dedication of our people. Electra Battery Materials rewards team members through:

- Recognition and results-driven compensation
- Training and development opportunities
- Health and wellbeing
- Ongoing communication and two-way feedback

If you are a passionate, committed, and dynamic individual, please submit your resume in confidence to careers@ElectraBMC.com. Please note that only qualified candidates selected for an interview will be contacted.

Electra Battery Materials is an equal opportunity employer. We are committed to providing an environment of mutual respect and we believe that diversity and inclusion among our team members is critical to our success. We are committed to creating an inclusive environment for all employees and decisions to hire or promote will be based on merit, competence, performance, and business requirements.