



NASDAQ: ELBM
TSX.V: ELBM

INSTRUMENTATION TECHNICIAN

Location: Cobalt Refinery, Temiskaming Shores, Ontario

Reference No: 2025-32

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. Electra has recently signed a term sheet with the Ontario government for a \$17.5 million loan which is part of a \$100 million cobalt refinery investment, that includes a US\$30 million brokered private placement. As part of the \$100 million investment, Electra also received \$20 million from the U.S. Department of Defense to advance its battery materials complex, and an LOI from the Canadian Federal government for \$20 million. Together, these strategic financings provide critical support for the completion of Electra's Battery Materials Park and long-term growth. 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 Instrumentation Technician position at the Cobalt Refinery:

- Install, maintain, calibrate, and repair instrumentation and control systems used in Refinery operations (i.e. flow, pressure, temperature, level, analytical instruments);
- Perform at a level which meets or exceeds Key Performance Indicators as issued by management;
- Conduct routine preventive maintenance and inspections to ensure reliability of instrumentation equipment;
- Work in compliance with prescribed safety and environmental laws and regulations;
- Be proactive with company safety initiatives and adhere to all company safety policies and procedures;
- Report and take action when seeing any unsafe condition within the plant;
- Configure, calibrate, and test transmitters, sensors, control valves, and other field devices;
- Troubleshoot instrumentation malfunctions, identify root causes, and perform corrective actions;
- Support and be involved in programming Distributed Control Systems (DCS), Programmable Logic Controllers (PLC), and other control equipment;
- Maintain accurate records of calibrations, maintenance activities, and test results in compliance with Refinery standards;
- Assist engineers and supervisors in implementing instrumentation modifications and upgrades;

- Identify any areas of improvement to management in terms of maintenance and equipment performance;
- Read and interpret technical drawings, P&IDs (Piping and Instrumentation Diagrams), loop diagrams, and manuals;
- Provide input for spare parts inventory, ordering, and maintaining instrumentation supplies;
- Collaborate with operations, maintenance, and engineering teams to optimize system performance;
- Stay updated with refinery-specific instrumentation standards, codes, and best practices; and,
- Other duties as assigned by management.

QUALIFICATIONS

- High school diploma, complimented by post-secondary education in Instrumentation field;
- Certified or working towards 447A Instrumentation and Control Technician designation is an asset;
- Minimum 1-3 years of relevant experience;
- Strong understanding of instrumentation & control theory: electrical, electronic, pneumatic, mechanical fundamentals;
- Instrumentation experience in an industrial environment is an asset;
- Skills in process control systems: PLCs, DCS, possibly SCADA systems;
- Ability to work independently and as part of a team;
- Innovative problem-solving skills and ability to take calculated risks to improve operating efficiencies applied to revenue generation and cost containment;
- Strong communication skills including good written composition and presentation of ideas and concepts; 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
- Culture where innovation is rewarded
- 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.