



Environmental Technician

Report to: Manager of Environmental and Permitting

Department: Environmental

Location: Casa Grande, AZ

About Ivanhoe Electric Inc.

We are a United States-domiciled minerals exploration company with a focus on developing mines from mineral deposits principally located in the United States. We seek to support American supply chain independence by finding and delivering copper and other critical metals vital to advanced manufacturing, infrastructure development, technology, and national security. We use our powerful Typhoon™ geophysical surveying system, together with advanced data analytics provided by our 94.3% owned subsidiary, Computational Geosciences Inc. ("CGI"), to accelerate and de-risk the mineral exploration process as we seek to discover new deposits of critical metals that may otherwise be undetectable by traditional exploration technologies. We believe the United States is significantly underexplored and has the potential to yield major new discoveries of critical metals. Our mineral exploration efforts focus on copper as well as other metals including nickel, cobalt, platinum group elements, gold and silver. Through the advancement of our portfolio of critical metals exploration projects, headlined by the Santa Cruz Copper Project in Arizona, we intend to contribute to domestic supply by developing resources that support industrial and strategic sectors. We also operate a 50/50 joint venture with Saudi Arabian Mining Company ("Maaden") to explore for minerals on ~48,500 km² of underexplored Arabian Shield in Saudi Arabia. Finally, in 2024, we established an exploration alliance with BHP Mineral Resources Inc. ("BHP"), a subsidiary of BHP Group Limited, to search for critical minerals in the United States.

Duties and Responsibilities:

Health & Safety

- Ivanhoe Electric Inc. is committed to a strong HSE Program that protects the persons, property, and environment within our care from incidents and accidents. We believe that all accidents are preventable. Management, contractors, and all employees are collectively responsible for ensuring compliance with local government, occupational health, safety, and environmental regulations.
- Responsible for upholding and demonstrating the importance of using and maintaining Ivanhoe Electric's cloud-based, digitized, and centralized safety program.
- Work safely at all times with a focus on actively identifying, managing, and eliminating risks, while setting an example for others in doing so.
- Knowledge of chemicals and ability to understand safety data sheets for the necessary steps required to mitigate any dangers
- Maintain quality work areas and equipment, including personal protective equipment (PPE) and organization in neat, tidy condition and good working order.
- Systematic use of personal protective equipment appropriate for the nature of work being performed at all times.

- Attendance, participation, and demonstration of leadership and stewardship in daily toolbox meetings and safety and operational planning sessions with site management.

Environmental Monitoring

- The technician will conduct regular environmental monitoring of the project site to assess and report on any potential impacts on the environment in accordance with Company and regulatory requirements. This may include, but is not limited to, air quality, water quality, soil quality, and wildlife monitoring; overseeing waste handling guidelines and procedures; and managing the Spill Prevention Control Plan, Storm Water Pollution Prevention Plan, and air monitoring compliance.
- Assist in maintaining the project environmental plans and procedures.
- Operate and maintain environmental monitoring equipment.
- Determine the root cause of environmental incidents and implement appropriate corrective actions.
- Work with and train cross-functional groups to maintain monitoring programs and environmental compliance.
- Participate in and/or lead fieldwork activities as necessary.

Compliance

- The technician will ensure that the project complies with all relevant environmental laws and regulations, including federal, state, and local regulations.
- Perform field inspections and complete associated reports for environmental compliance.

Permitting

- The technician will assist in ensuring that all permit conditions are met.

Risk Assessment

- The technician will assess the risks associated with the project and identify any potential hazards to the environment, including spills, leaks, or other accidents.

Remediation

- If any environmental issues arise during the project, the technician will work to develop and implement a remediation plan to address the problem.
- Aid in the clean-up of hazardous spills during regular business hours or after hours.

Reporting

- Maintain documents and records per Company and regulatory requirements.
- Assist in organizing data and preparing charts and graphs.

Skills and Experience Required:

- Associate's degree in environmental science or another related discipline. Instead of a Bachelor of Science Degree and/or an equivalent combination of education and experience.



- Ability to develop and maintain awareness of occupational hazards and safety precautions.
- Ability to communicate effectively, both orally and in writing.
- Basic knowledge of local, state, and/or federal regulations.
- Practical experience in computer software and databases used in scientific applications for data management and analysis of large data sets.
- Familiarity with mining operations preferred.
- A valid driver's license

Diversity Statements:

Ivanhoe Electric is an equal opportunity employer that recognizes the value of a diverse workforce. All suitably qualified applicants will receive consideration for employment on the basis of objective criteria and without regard to the following (which is a non-exhaustive list): race, color, age, religion, gender, national origin, disability, sexual orientation, gender identity, or other characteristics in accordance with the relevant governing laws.

The Company offers a professional and entrepreneurial office environment and the opportunity to work and grow with talented colleagues. The Company offers competitive compensation and an employee benefits package. Please forward your resume, cover letter with salary expectations, and references to Human Resources at humanresources@ivanhoeelectric.com.

