

## ELECTRICAL, INSTRUMENTATION & CONTROLS (EIC) SPECIALIST (Vancouver BC or remote)

### **Work on game-changing technology. Make a difference.**

How often does an opportunity come along to work for a company focused on environmental protection and sustainability? We specialize in mine water management and enable mineral extraction projects to not only comply with stringent government regulations but also to operate in a socially responsible manner, putting value on clean water as a shared resource. We develop new technologies, design and operate water treatment plants, and provide ongoing technical support which enables us to continuously improve our designs and technologies.

### **The opportunity**

We are looking to expand the capability of our design and commissioning team by adding a team member with a specific focus on the electrical, instrumentation & controls aspect of our water treatment plants to:

- Develop detailed engineering design standards as well as documentation (i.e. equipment specifications, P&IDs, instrument lists, load lists and control documentation)
- Design, repair, install, troubleshoot and perform planned maintenance and corrective tasks on electrical, pneumatic and/or mechanical control systems, instrumentation and automation platforms, devices and ancillary equipment
- Develop process automation for treatment plants (i.e. control narratives, instrument specification, PLC/HMI programming)
- Provide leadership in safety and environmental compliance
- Support our technology development group in scale-up and piloting apparatus builds
- Expand our team's knowledge base by sharing your expertise

### **Qualifications and requirements**

- Technical diploma or experience equivalent in one of these disciplines: electrical, instrumentation or automation/controls
- 2-5 years of experience with a balanced mix of in-office and in-field:
  - » Facility automation design – create or review single line diagrams, P&IDs and vendor proposals
  - » Controls programming
  - » Hands-on plant commissioning and/or operation – ideally mining or industrial water treatment
  - » Instrument specification and installation
  - » Developing EIC standards and procedures
- Proven effective communicator – you can clearly explain your work and recommendations in plain and simple language to project stakeholders who do not have an EIC background
- Strong mechanical aptitude – you have built things before and can figure out how things work
- Can-do attitude – you always find a way to get things done
- Strong attention to detail and ownership; takes responsibility for “getting things right”
- Build effective relationships within the company and with clients and suppliers
- Travel to remote sites within North America and internationally as required
- Ability to work remotely from your home office or hybrid from our downtown Vancouver office

# BQE Water

## **During the interview**

- You may be asked to review drawings, write a control philosophy/narrative, and walk us through troubleshooting an issue
- You may be asked design engineering questions using what you know about our technologies

## **About us**

BQE Water is a service provider specializing in mine water treatment and management solutions that support and improve the performance of mining and smelting operations. In commercial production since 2001, we have water treatment professionals including engineers, operators and technicians working on three continents: North and South America, and China. We have a diverse and inclusive team, offer a casual work environment and have a strong focus on teamwork to support our clients' unique water requirements. Visit [www.bqewater.com](http://www.bqewater.com) to learn more.

## **Are you interested?**

Please send your resume and cover letter to [hr@bqewater.com](mailto:hr@bqewater.com) with your name and "EIC Specialist" in the subject line. We'll contact you if it looks like we have an opportunity that's right for you.