

ELECTRICAL, INSTRUMENTATION & CONTROLS SPECIALIST (Vancouver BC)

Work on game-changing technology. Make a difference.

How often does an opportunity come along to work on processes that provide the mining industry with advanced solutions to develop and manage projects in an environmentally responsible manner? Contribute to protecting the environment by helping mining companies meet stringent water quality regulations cost effectively, minimize waste residues and recover value from waste. We also operate water treatment plants and provide ongoing technical support which enables us to continuously improve our designs and 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. We have been in commercial production since 2001 and have designed and constructed 22 water treatment plants at locations around the world. On average, BQE Water treats 20 million m³ of wastewater and recovers 1,800 tonnes of metals of value annually. Visit www.bqewater.com to learn more about what we do.

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 and controls aspect of our water treatment plants. In this role you will use your skills and aptitude to:

- 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
- Provide input into detailed engineering design documentation including equipment specifications, P&IDs, instrument lists, load lists, single lines and control documentation
- Develop process automation for treatment plants (i.e. control philosophies, 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 equivalent in one of these disciplines: electrical, instrumentation or automation/controls
- 2-7 years of experience in any of the following:
 - » Controls programming & commissioning
 - » Hands-on plant commissioning and/or plant operation
 - » Instrument specification/installation/commissioning
- Strong mechanical aptitude – you have built things before and can figure out how things work
- Knowledge of facility electrical design (i.e. ability to review/comment on electrical single line diagrams)

BQE Water

- Can-do attitude – you always find a way to get things done
- Strong attention to detail and ownership; take responsibility for “getting things right”
- Proven effective communicator – you are articulate and can get your message across clearly
- Build effective relationships within the company and with clients and suppliers
- Travel to remote sites within North America and internationally as required

During the interview

- You may be asked to step up to a white board and solve a problem
- You may be given a task on a computer program you are not familiar with
- You may be asked design engineering questions using what you know about our technologies

Are you interested?

Please send your resume, cover letter and university transcripts to 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.