

PLANT SUPERVISOR – WATER TREATMENT PLANT OPERATIONS

(2 Positions near Tucson, Arizona, USA)

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

The Plant Supervisor position is a unique blend of process analysis, design, supervision and the hands-on operation of industrial water treatment plants. You have a broad range of responsibilities, from leading a team of operators, meeting process plant performance goals to reporting these performance metrics in a timely manner. Other responsibilities include:

- Day-to-day operations including coordinating activities and maintaining good working relationships with mine site management, clients, vendors and BQE Water team members
- Lead a team of 5-10 operating staff
- Responsible for all aspects of water treatment plant operations, maintenance and safety:
 - Plant capacity
 - Effluent quality
 - Reagent and power consumption
 - Commissioning and start-up
 - EH&S metrics
- Manage material/consumable inventories and coordinator with site owner for reorders
- Review, provide input into and approve maintenance plans for water treatment plants
- Proactively identify areas of operational improvements
- Meet plant performance goals and report on performance to clients and the Vancouver, Canada head office
- Learn and maintain process automation for the treatment plant (i.e. control philosophies, instrument specification, PLC/HMI programming)
- Provide leadership in safety and environmental compliance
- Take a project from construction to full-scale plant operation
- Support our engineering design and technology development teams by reconciling process data, reagent consumption, lessons learned and plant utilization
- Learn and become an expert in a variety of unit operations including hydraulic conveying, solid-liquid separation, gas-liquid mass transfer, chemical reactors, ion exchange and electro-reduction
- Maintain the operating manual and plant standard operating procedures
- Coordinate process training and ongoing professional development for the operators

BQE Water

Your background

- Experience in a process plant, industrial water treatment plant, and/or a project with an operations component
- Experience with reverse osmosis (RO), ion exchange (IX), and/or electrowinning/electro-reduction
- Substantial process plant operating experience and/or a Bachelor's degree in chemical engineering, hydrometallurgy, mineral processing or mechanical engineering
- Experience commissioning new plants is an asset
- Can-do attitude – you find a way to make it work and get it done
- Strong mechanical aptitude – you have built things before and can figure out how things work
- Solid understanding of the fundamental principles of aqueous inorganic chemistry
- Experience or keen interest leading a team
- Willing to get involved – you'll regularly put on a pair of coveralls for plant floor operations
- Strong attention to detail and taking responsibility for getting it right
- Proven effective communication skills – you're able to get your message across clearly

Shift

We work a 12-hour dayshift which is 4 days on, 4 days off.

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 to learn more.

Are you interested?

Please send your resume and cover letter to hr@bqewater.com with your name and "Plant Supervisor" in the subject line. We will contact you if it looks like we have an opportunity that's right for you.