Water Chemistry Engineer

Overview:
The Facilities Management Division at Oak Ridge National Laboratory (ORNL) is seeking qualified applicants for the position of Water Chemistry Engineer. The Water Chemistry SME will serve as the primary technical resource for issues related to treated water systems. They are the resident authority on engineering aspects related to system operations and maintenance.

Major Duties/Responsibilities:
- High pressure boiler operation, treatment and steam/condensate distribution
- Cooling tower treatment and operation
- Chiller water treatment and operation
- Ultra-Pure Water Systems
- Maintain and continually improve preventive maintenance systems and processes
- Coordinate outside contract work for on-line analyzers and repair of chemical injection and monitoring systems.
- Waste treatment operations
- Closed water loop, both hot water and cooling, operation and treatment
- Reverse osmosis systems
- Demineralized Water production and operation
- Knowledge of standards, codes, and regulations with respect to Environmental Protection issues related to NPDES permitting.
- HVAC operations and troubleshooting
- They must cultivate a close relationship with customers to understand their needs, respond/quickly to their requests, and provide feedback in a timely manner.
- Write Scopes of Work for modifications and services for the facilities and systems
- Technical Project Officer for purchases, subcontracts, and services.
- Direct activity of maintenance, coordinate engineering or technician support
- Work with craft employees in a union environment.

Basic Qualifications:
- An accredited B.S degree in Chemical Engineering or Chemistry is required.
- A minimum of 8 years of experience total with at least 5 years of experience in water chemistry systems, operations, and maintenance. An equivalent combination of education and experience will be considered.
- Work will involve various physical requirements and as such a post offer, pre-hire physical will be required.

Preferred Qualifications
- Strong communication skills and the ability to communicate issues and solutions to a wide spectrum of experience levels
- The ability to direct maintenance activity, coordinate engineering or technician support, and direct the activity of vendors/contractors.
- Applicant should have a proven history of self-motivated work in designing, installing, operating, and trouble-shooting a broad spectrum of systems related to water treatment and Utility operation.
• Applicant should also be flexible in special assignments; to research issues and develop innovative solutions that will be relevant within the National Lab.

This position will remain open for a minimum of 5 days after which it will close when a qualified candidate is identified and/or hired.

We accept Word (.doc, .docx), Adobe (unsecured .pdf), Rich Text Format (.rtf), and HTML (.htm, .html) up to 5MB in size. Resumes from third party vendors will not be accepted; these resumes will be deleted and the candidates submitted will not be considered for employment.

If you have trouble applying for a position, please email ORNLRecruiting@ornl.gov.

ORNL is an equal opportunity employer. All qualified applicants, including individuals with disabilities and protected veterans, are encouraged to apply. UT-Battelle is an E-Verify employer.

Application Link: https://jobs.ornl.gov/job-invite/8836/