

City of Rapid City

Job Description

Job Title	Water Treatment Maintenance Technician		
Job Code:	WTMT	Bargaining Unit:	AFSCME
Pay Grade:	See Wage Scale	Date Revised:	4/17/2023
FLSA Status:	Non-Exempt		

General Summary: This position is responsible for performing a variety of responsible and complex maintenance duties. Leads a wide variety of maintenance and repair tasks from the semi-skilled and skilled level to professional journey level.

Essential Duties and Responsibilities:

The intent of this job description is to provide a representative summary of the major duties and responsibilities performed by incumbents of this job. Incumbents may be requested to perform job-related tasks other than those specifically presented in this description.

- Coordinates, Plans, and participates in a variety of preventative, corrective and emergency maintenance tasks related to water treatment to include water treatment membrane technology and chlorine generation processes and equipment.
- Coordinates and schedules maintenance activities with the daily operations of the Jackson Springs Water Production facilities. Supervises the installation and testing of new and rebuilt equipment and the rebuilding of equipment related to the Jackson Springs Water Production facilities.
- Inspects the facility equipment and structures to determine maintenance needs, and to confirm proper maintenance.
- Oversees web-based software applications for the purposes of maximizing operations, documentation and report generation.
- Orders and purchases parts and supplies necessary to perform required maintenance at the Jackson Springs Water Production facilities.
- Assists the Water Production Supervisor with the maintenance and operation of the SCADA system.
- Oversees operations of the Jackson Springs Water Production facilities.
- Assumes the duties of the supervisor in his/her absence.

Qualifications:

Education and/or Experience:

High school diploma or general education (GED) equivalent and four years' experience in a class III or higher facility; related experience and/or training in water maintenance technologies such as repair of pumps, motors, valves, systems design and maintenance, electrical systems maintenance, maintenance of water treatment membrane systems, maintenance of conventional water treatment systems, instrumentation maintenance, chemical feed technology to include on-sight chlorination generation systems and/or an equivalent combination of relevant education and experience. A combination of education and experience deemed appropriate to fulfill the role and responsibilities of this position will be considered.

Certificates, Licenses, Registrations:

Must possess a valid driver's license or ability to obtain within 30 days from date of hire. Must obtain a Class IV Water Treatment Plan certification within 18 months from date of hire.

Working Conditions:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently exposed to wet and/or humid conditions; moving mechanical parts and outside weather conditions. The employee is occasionally exposed to high, precarious places; fumes or airborne particles; toxic or caustic chemicals; risk of electrical shock; risk of radiation and vibration. The noise level in the work environment is usually moderate.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to stand; walk; sit; use hands to finger, handle, or feel; reach with hands and arms and talk or hear. The employee is occasionally required to climb or balance; stoop, kneel, crouch, or crawl and taste or smell. The employee must occasionally lift and/or move up to 100 pounds. Specific vision abilities required by this job include close vision, distance vision, depth perception and ability to adjust focus.

Other Skills and Abilities

Must possess knowledge of maintenance tools and techniques. Demonstrated knowledge of the operation and maintenance of wastewater plant, of safety procedures, or computer hardware and software, sufficient to perform the essential functions.