



WATER TREATMENT PLANT MAINTENANCE MECHANIC CLASSIFICATION SPECIFICATION

FLSA STATUS: Non-Exempt

BARGAINING UNIT: General

JOB SUMMARY

Works under supervision to inspect and maintain all systems and facilities located at the District's water treatment plant; to work cooperatively with plant operators; and to performs related duties, as assigned.

DISTINGUISHING CHARACTERISTICS

The Water Treatment Plant Maintenance Mechanic is a journey-level classification responsible for the inspection and maintenance of water treatment plant systems and facilities. The Water Treatment Plant Maintenance Mechanic is distinguished from the Maintenance Technician in that the Water Treatment Plant Maintenance Mechanic is primarily responsible for the water treatment plant equipment, machinery, Source Water and Treatment facilities maintenance while the Maintenance Technician is primarily responsible for facility maintenance not including source or treatment. The Water Treatment Plant Maintenance Mechanic is distinguished from the Mechanic in that the Water Treatment Plant Maintenance Mechanic for the maintenance and repair of the District's infrastructure, while the Mechanic is primarily responsible for the maintenance and repair of the District's vehicles and heavy equipment.

WORK SCHEDULE

The Maintenance Mechanic generally works Monday-Friday 7:00 am to 3:30 pm with some flexibility in hours. Often may be required to change working hours and/or work overtime as needed for routine and emergency conditions.

EXAMPLES OF DUTIES AND RESPONSIBILITIES (ILLUSTRATIVE ONLY)

Duties may include, but are not limited to, the following:

- Performs routine daily and monthly inspection of all plant equipment and District facilities.
- Conducts routine plant maintenance activities.
- Repairs machinery, chemical feed equipment, pipes, valves, tanks, pumps, motors, compressors, motor control panels, electrical high and low voltage systems, automatic controls, and timers.
- Participates in facility maintenance activities such as painting, cleaning, and maintaining buildings and grounds.

- Keeps accurate records on all equipment including tracking and documenting inventory and purchasing needs.
- Performs related duties, as assigned.

Knowledge of:

- Broad overall District operations including water delivery and distribution system
- Applicable District policies, regulations, and standard operating procedures used in the installation, operation, and maintenance of water treatment, storage, and/or distribution systems and/or facilities.
- Materials, methods, and the tools to construct objects, structures, and buildings as well as maintenance of buildings and grounds.
- Materials, methods, and the appropriate tools to install, maintain, or repair pipelines, pipe systems, and fixtures for water treatment, storage, and distribution.
- Electronics, pipe fitting, painting, plumbing, millwright, and mechanics including their design, installation, testing, uses, repair, and/or maintenance.
- Concepts, principles, theories, and methods to identify, control, mitigate, and eliminate safety hazards in the design and use of facilities, equipment, operations, and work processes.

Ability to:

- Hold self and others accountable for measurable high-quality, timely, and cost-effective results.
- Determines objectives, sets priorities, and delegates work; accepts responsibility for mistakes; complies with established control systems and rules.
- Use applicable computers, software applications, databases, telephones, other office equipment, and automated systems to accomplish work.
- Research, analyze, and evaluate information to evaluate alternatives and make recommendations.
- Follow oral and written directions.
- Follow technical directions with minimal supervision.
- Demonstrate regular and predictable attendance

DESIRABLE QUALIFICATIONS

Education and Experience:

Any combination of education, experience, and training that would provide the required knowledge and abilities is qualifying. A typical way to obtain the required knowledge and abilities would be:

Education:

High School diploma or the equivalency thereof sufficient to assure the ability to read and write at the level required for successful job performance.

Experience:

Three (3) years of work experience in the maintenance of water treatment plants or related operations, preferably supplemented by course work in pump repair, electrical systems, mechanical systems, and hydraulics.

Required License, Certificate or Training:

- Driver's License: Possession of a valid California Class C driver's license issued by the State Department of Motor Vehicles. Possession and proof of a good driving record as evidenced by freedom from multiple or serious traffic violations or accidents for at least a two (2) year duration. The driving record will not contribute to an increase in the District's automobile rates.
- Possession of State certification in water or wastewater treatment.

WORK ENVIRONMENT

The work environment characteristics described below are representative of those an employee encounters while performing the essential functions of this job. Upon request, reasonable accommodation may be provided to enable individuals with disabilities to perform the essential functions of the job.

- Exposure to the sun: 50% to 100% work time spent outside a building and exposed to the sun.
- Work above floor level: Some work done on ladders or other surfaces from 4 to 12 feet above the ground.
- High temperature: Considerable work time in hard manual labor in temperatures between 80-105 degrees.
- Low temperature: Some work time in hard manual labor in temperatures between 10-32 degrees
- Humidity: Work in areas with unusually high humidity.
- Wetness: More than 10% of the work time getting part or all the body and/or clothing wet.
- Noise: Occasional unusually loud sounds.
- Slippery Surfaces: Occasional work on unusually slippery surfaces.
- Oil: Some parts of the body in contact with oil or grease occasionally.
- Dust: Works in or around areas with minor amounts of dust.

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by the employee to successfully perform the essential functions of this job. Upon request, reasonable accommodation may be made to enable individuals with disabilities to perform these essential functions.

- Regularly required to use hands and fingers to handle or feel.
- Frequently required to operate a motor vehicle in performance of job duties.
- Frequently required to talk, hear, and to sit and reach with hands and arms.
- Frequently required to stand, walk, climb, traverse uneven surfaces, balance, stoop, kneel, crouch, or crawl.
- Frequently works in confined spaces
- Frequently required to carry, push, pull, reach, grasp, and lift equipment, parts, and materials weighing up to 50 lbs. daily, up to 100 lbs. weekly.
- Uses respiratory protection equipment, which requires being clean shaven.
- Hearing within normal range.
- Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

HISTORY:

- Revision date: August 2023
- Approval/Adoption date: December 18, 2024