

WATER TREATMENT PLANT MAINTENANCE MECHANIC

Definition/Summary

Under direction, to inspect and maintain all systems and facilities located at the District's water treatment plant and to do related work as required. Willingness to work nights, weekends, Holidays and overtime as needed for routine and emergency conditions. Works cooperatively with all plant operators. The work week consists of five eight hour shifts, forty hours per work week. Normally, the work week is scheduled Monday through Friday. Works independently or may receive help from other District personnel.

Examples of Duties

- Inspects daily all plant equipment and facilities.
- Makes repairs and does routine maintenance to machinery, chemical feed equipment, pipes, valves, tanks, pumps, motors, compressors, motor control panels, electrical high and low voltage systems, automatic controls, timers, paints, cleans and maintains buildings and grounds.
- Keeps accurate records on all equipment.

Typical Physical Activities

- Operates District vehicles to travel between District facilities.
- Must be able to carry, push, pull, reach, grasp and lift equipment parts and materials weighing up to 50 lbs. Daily, up to 100 lbs. Weekly.
- Stoops, kneels, crouches, crawls and climbs during plant maintenance and repair work.
- Works in an environment with exposure to water, dirt, dust, chemicals, cleaning solutions, paints, solvents, and significant temperature changes between cold and heat, indoors and out-of-doors.
- Communicates orally with District staff in face-to-face, one-on-one settings.
- Regularly uses a telephone for communication.
- Uses equipment such as computer terminals, copiers and calculators.
- Stands and walks for extended time periods.
- Hearing and vision within normal ranges.
- Regularly works in confined spaces.
- Uses respiratory protection equipment, which requires being clean shaven.

Job Standards/Specifications

Knowledge of:

- The principles of plant operation and maintenance. Skilled in the use of tools, materials, supplies and methods used to maintain and repair a water treatment plant, and knowledge of related computer hardware and software applications.
- Electrical, electronics, pipe fitting, painting, plumbing, millwright and mechanics.
- Proper work safety standards.

WATER TREATMENT PLANT MAINTENANCE MECHANIC

Ability to:

- Work cooperatively with others.
- Work unsupervised, a Self-starter.
- Analyze problems and take an effective course of action.
- Understand and carry out oral and written instructions.

Desirable Qualifications:

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

License Certificate Registration Requirement:

Driver 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 two (2) years duration. The driving record will not contribute to an increase in the District's automobile rates.

Possession of State certification in water or waste water treatment.

The specific statements shown in each section of this description are not intended to be all-inclusive. They represent typical elements and criteria necessary to successfully perform the job.