



PUMP MAINTENANCE WORKER II

*Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are **not** intended to reflect all duties performed within the job.*

DEFINITION

Under the supervision of the Water Treatment Supervisor, performs repairs and preventative maintenance on District pumps, wells, and water treatment plants and related equipment; acts as a lead to subordinate classifications; performs related work as assigned.

CLASS CHARACTERISTICS

This is the advanced working-level class in the Pump Maintenance series. Although incumbents do not directly supervise other employees, they typically serve as lead workers over a small crew of subordinate employees and are responsible for the more complex and difficult duties pertaining to the maintenance and repair of pumps, wells, and related equipment.

ESSENTIAL FUNCTIONS

The duties listed below are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude the position if the work is similar, related or a logical assignment to the class.

These functions may not be present in all positions in multiple position classes. When a position is to be filled, the essential functions will be noted in the announcement of position availability. Letters in parenthesis at the end of each function statement represent the abilities required to perform that function.

- Leads and performs maintenance and repair work of pumps, wells, and related equipment.
- Leads and participates in preventative maintenance on district wells, booster stations, sewer lift stations, treatment plant, pumps and pump motor equipment; inspects booster and well pumps, including checking for excessive noise, heat, or leaks; checks fluid levels on pumps; changes oil and packing at preset intervals.
- Installs and removes motors in wells and booster pumps; installs and/or repairs a variety of equipment at treatment plant, sewer lift stations, pump or well stations such as meters, air vacs, and automated valves.
- Performs maintenance and repair on heavy and small equipment.
- Maintains records of lubrications, calibration, and maintenance performed to equipment and machinery.

- Estimates and secures tools, materials and equipment necessary to complete assignments; prepares and maintains a variety of written records and reports related to work performed.
- Leads and performs preventive maintenance to equipment and tools and makes minor adjustments and repairs; reports the need for major repairs and maintenance.
- Ensures the observance of safe work methods and safety precautions related to the work.
- Performs related duties and responsibilities as required.

QUALIFICATIONS GUIDELINES

Knowledge of

- Advanced techniques, materials, tools and equipment used in the maintenance and repair of pumps, wells, and related equipment.
- Proper inspection, operation, and preventative maintenance techniques and repair on electric motors, pump panels, engines, pumps, compressors, valves, and related equipment.
- The operation and maintenance of wide variety of hand and power tools and equipment commonly used in maintenance work.
- Safe work methods and safety regulations pertaining to water system repair and maintenance work.
- Basic mathematics, including addition, subtraction, multiplication and division.
- Basic codes and regulations applicable to performing repair and maintenance work in a public agency.

Ability to

- Read and interpret blueprints, atlas maps, charts and gauges, manufacturer recommendations and guidelines.
- Communicate clearly and concisely, both orally and in writing.
- Operate a variety of hand tools and equipment.
- Work with low and high voltage electricity.
- Maintain accurate records.
- Follow safety rules and guidelines.
- Work independently to prioritize work and meet deadlines.
- Prepare a variety of documents and reports.
- Apply rules, regulations, procedures and policies to daily work assignments.
- Establish and maintain effective working relationships with those encountered during the course of the work.

Education

Equivalent to graduation from high school.

Experience

Three years experience in the maintenance of motors, pumps, compressors, electrical panels, automatic controls, valves, and other equipment.

Two years of experience working in the water or sewer industry maintaining equipment including experience working with electricity up to 600 volts.

Licenses/Certificates

- Possession of a Class B California driver's license and a satisfactory driving record.
- Possession of or ability to obtain certification from District provided CPR/First Aid Training.
- Possession of California Department of Health Services Water Distribution Operator Grade III Certificate.
- Possession of California Department of Health Services Water Treatment Operator Grade II Certificate.

Physical Requirements

The following abilities are considered necessary to successfully perform the essential functions of this class; however, applicants who request accommodation will be considered on a case-by-case basis.

Ability to: communicate orally, in person and by telephone, in face-to-face, one-to-one, and group settings; sit for extended periods of time; have hearing and vision within normal ranges; carry, push, pull, reach and lift repeatedly up to 60 pounds; frequently stoop, kneel or crouch; work in confined spaces; work in trenches and on elevated areas; apply sufficient manual dexterity to operate equipment, including small hand tools; walk on uneven terrain; work in an outdoor environment with possible exposure to harsh weather conditions, heavy equipment, dust, noise, and potentially hazardous substances.

Special Requirements

Must meet CAL-OSHA respiratory facemask requirements.

Must be willing to assume responsibility for 24-hour operations in assigned area of responsibility or to respond to emergency situations in off hours as required.

FLSA: Non-Exempt
Range: 121
Union: JCSDEA