



SEWER SYSTEM PUMP MAINTENANCE WORKER

DEFINITION

Under the supervision of the Collections Supervisor/Forman, monitors, performs repairs and preventative maintenance on District sewer pumps, lift stations, wet wells, and wastewater treatment plants and related equipment; assists in the planning and inspection for proposed rehabilitation and upgrading of lift/pump stations: performs related work as assigned.

CLASS CHARACTERISTICS

This is an journey level position: Incumbents are expected to perform assigned tasks without detailed instructions as to procedures to follow and must have considerable knowledge of the maintenance and repair of pumps, motors, generators and related equipment.

ESSENTIAL FUNCTIONS

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.

Performs preventative maintenance on District wet wells, sewer lift stations, wastewater treatment plant: pumps and pump motor equipment; inspects lift stations and wet well pumps, valves, including checking for excessive noise, heat, or leaks; checks fluid levels on pumps; cleaning of equipment, changes oil and shaft packing or mechanical seals at preset intervals. (All)

Installs and removes motors in sewer wet wells and lift stations; installs and/or repairs a variety of equipment at treatment plant, pump or lift stations such as meters, air vacs, and Cla vals. (All)

Performs maintenance and repair on heavy and small equipment. (all)

Maintains records of lubrications, calibration, and maintenance performed to equipment and machinery. (a d e f g h k m)

Trains less experienced staff and leads the work of staff assigned during various workloads (All)

Performs other tasks/functions deemed necessary to the daily operation of the District. (All)

REQUISITE ABILITIES

- a. Communicate clearly and concisely, both orally and in writing.
- b. Inspect, operate, diagnose problems, and perform preventative maintenance and repair work on electric motors, pump panels, engines, pumps, compressors, valves, and related equipment.
- c. Read and interprets blueprints, atlas maps, charts and gauges, manufacturer recommendations and guidelines.
- d. Maintain accurate records.
- e. Understand and carry out oral and written directions.
- f. Establish and maintain cooperative working relationships.
- g. Work safely.
- h. Work independently.
- i. Operate a variety of hand tools and equipment.

- j. Perform heavy physical work.
- k. Exercise good judgment.
- l. Work with low and high voltage.
- m. Meet the physical requirements established by the District.

QUALIFICATIONS GUIDELINES

Education and/or Experience

Any combination of education and/or experience that has provided the knowledge, skills, and abilities necessary for acceptable job performance. Example combinations include graduation from high school or equivalent and two years of experience working in the water or sewer industry maintaining equipment including experience working with electricity up to 600 volts.

Knowledge and Skill Levels

Considerable knowledge of procedures, read and interpret data, technical drawings, simple and advanced mathematics, crane riggings and correct lifting procedures, pump, booster fluid hydraulics, safety procedures including but not limited to confined space, lockout tag out, blockout, operate equipment, materials, and tools used in the maintenance of motors, pumps, compressors, electrical panels, automatic controls, valves, and other equipment; safe work practices.

Physical Requirements

Employees must meet the following requirements, which are necessary to successfully perform the essential functions of this class:

Communicate orally and by telephone with management, co-workers, and the public in face-to-face, one-to-one, and group settings; use office equipment such as computer terminals; sit for extended periods of time; have hearing and vision within normal ranges; carry, push, reach and lift up to 60 pounds; occasionally stoop, kneel or crouch; sufficient manual dexterity to operate equipment; walk on uneven terrain; work in an outdoor environment with possible exposure to harsh weather conditions, heavy equipment, dust, noise, and potentially hazardous substances including but not limited to sewage, chemicals, and electricity; work in confined spaces; work in trenches and elevated areas.

Special Requirements

Possession of or ability to obtain a Class A 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 Water Environmental Association Mechanical Grade II, CWEA Collections Grade II Certificate.

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.