

EQUIPMENT OPERATOR
Public Works

DEFINITION

Under administrative supervision of the Public Works Superintendent and technical supervision of the Public Works Maintenance Crew Leader, operates light and heavy power-driven street and off-highway construction equipment, installs, maintains, and repairs water, sewer, and drainage lines, and repairs and maintains streets; and performs other related duties as assigned.

EXAMPLES OF DUTIES

- Operates light and heavy equipment such as backhoes, dump trucks, loader, grader, skid steer, street sweeper, and other power driven construction equipment.
- Performs a variety of plumbing work, installing, maintaining and repairing water, sewer and drainage lines by trenching, laying, and connecting pipes, attaching fittings, and replacing valves.
- Constructs and reconstructs streets by preparing roadbeds, applying asphalt, pavement, or slurry seal, filling cracks, potholes, on sections of roadways or following installation or repair of water and sewer lines.
- Transports equipment, supplies, and various materials to and from the job site.
- Assists Maintenance Crew leader and Senior Equipment Operator with various other equipment tasks and Public Works projects as assigned.
- Performs all other related duties as assigned.

REQUIREMENTS

Knowledge of: _____ Methods, materials, tools and equipment used in the construction and maintenance of streets, drainage structures, pipe installation, water, sewer and drainage repair; proper operation of light and heavy equipment; proper methods of locating underground utility services; safe work practices; and basic knowledge of plumbing systems and construction techniques.

Skill in: _____ Operating standard construction equipment such as backhoes, loaders, dump trucks, rollers, graders, skidsteer, forklift, service trucks, plate compactors, sewer rodders, air compressors, water pumps, jack hammers, and other power-driven construction equipment and various hand tools; ability to match the appropriate equipment with the task; laying pipe to the right grade; placing asphalt to the appropriate levels; using detection devices to find water leaks; installation and repair of different types of water, sewer and drainage pipes using correct couplings, fittings and clamps; construction and repair of streets and drainage structures; and performing basic mathematical calculations in order to measure lengths, diameters, areas,

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volume and quantities; setting-up traffic control devices in accordance with traffic regulations; communicating clearly and concisely, both orally and in writing; following oral and written instructions; reading, understanding, and interpreting manuals, job forms, work orders, and specifications; using appropriate tools; maintaining and making minor repairs or replacing parts on light equipment such as cleaning and greasing of parts; physically performing frequent, heavy, manual labor using safe work practices; safely transporting equipment supplies and materials; accomplishing some assignments independently without immediate supervision; maintaining cooperative working relationships with co-workers and the general public.

OTHER REQUIREMENTS

Must possess a valid California Driver's License, and must obtain a Class "A" license (with Airbrake Endorsement) during the initial probationary period (six months); must be willing to work nights, weekends, on-call and/or overtime as necessary; must be willing to wear safety gear; must be able to handle the physical aspects of the job, including climbing up to 15 feet, lifting, pulling, dragging, and carrying up to 100 lbs., lifting and carrying with help up to 150 lbs., standing or performing heavy physical labor on a sustained basis, working outside in all weather conditions; may work around substances such as chlorine, methane gas, gasoline, diesel fuels, and raw sewage; and must participate in the Federally mandated, drug and alcohol testing program, including both pre-employment and random testing as a condition of employment.

DESIRABLE EXPERIENCE AND TRAINING

Applicants should have experience and training which would tend to demonstrate possession of the required knowledge and skills outlined above. An example would be:

Equivalent to graduation from high school and at least two years of experience in the operation of light and heavy equipment and construction work. One year of experience training and/or supervising employees is highly desirable.