

EQUIPMENT OPERATOR

DEFINITION

To operate and maintain a variety of complex motorized construction equipment used in the maintenance and repair of City streets, sewers, and other related projects; lead the work of assigned crews at job site; participate in the work when not operating equipment; and to perform related work as assigned.

SUPERVISION RECEIVED AND EXERCISED

Receives general supervision from an assigned supervisor.

Exercises functional guidance over assigned staff.

ESSENTIAL FUNCTIONS – Functions may include, but are not limited to, the following:

Drive construction equipment to and from job sites to crews engaged in street or sewer maintenance work, cement work, and other assigned areas; load and unload materials and equipment.

Operate a variety of construction equipment including excavators, backhoes, front-end loaders, cement trucks, patch trucks, dump trucks, bobcats, motor rollers, and other related equipment used in street and sewer maintenance and construction, earth moving, and grading.

Inspect equipment; perform preventive maintenance and report repairs as needed.

Assist in planning, training, and assigning work to designated crew; discuss work to be performed with public works supervisor; estimate and order materials needed for assigned job.

Observe safe work methods and use safety equipment; ensure that worksites are properly set up.

Cut to grade, excavate, backfill, grade and roll construction materials to repair sites.

Monitor work in progress at the work site; provide training and technical assistance to crew; and direct corrections and modifications as appropriate.

Determine precautions necessary for safe operations to ensure safety of work sites; ensure utilization of appropriate safety equipment and devices, including traffic control.

Make operating adjustments and minor repairs to equipment such as changing buckets and teeth and tightening loose bolts and hydraulic couplings; secure equipment upon completion of work.

Operate a variety of hand and power tools related to the work.

Respond to emergency situations during off-hours as required.

Keep work related records and prepare various reports using a computer.

Act as Public Works Supervisor in his/her absence as directed; provide input on employee evaluations.

Respond to questions or complaints from the public.

Build and maintain positive working relationships with co-workers, other City employees and the public using principles of good customer services.

Perform other related duties as assigned.

MINIMUM QUALIFICATIONS

Knowledge of:

Operation, work methods, and limitations of heavy construction equipment used in street and sewer maintenance and construction.

Elevations and grades; earth-compacting techniques.

Principles and practices of training, assigning, and reviewing the work of others.

Pertinent Federal, State, and local laws, codes, and regulations.

Vehicle and equipment safety inspections.

Methods, materials, tools, and equipment used in street, sewer maintenance, and cement work.

Preventive maintenance and minor repair methods and techniques related to assigned equipment.

Practices and procedures of traffic control and flagging.

Safe work methods and safety regulations pertaining to the operation and transportation of the equipment used in the course of work; and the use of personal protective equipment.

Principles and practices of conflict resolution.

Computer equipment and software applications related to assignment.

English usage, spelling, grammar, and punctuation.

Ability to:

Lead, assign, train, and review the work of others.

Participate in street and sewer maintenance and construction work.

Operate, adjust, and maintain heavy construction equipment and a variety of hand power tools and equipment used in assigned area.

Recognize potentially hazardous conditions on the job site or with the equipment.

Keep work related records and prepare reports using a computer.

Work effectively at remote locations without direct supervision.

Operate City vehicles observing legal and defensive driving practices.

Follow oral instructions and read, interpret, follow, and explain written instructions, construction sketches, maps, and equipment manuals.

Use initiative and sound independent judgment within established guidelines.

Communicate clearly and concisely, both orally and in writing.

Work overtime and off-hours shifts as needed.

Establish and maintain effective working relationships with those contacted in the course of work.

Work with various cultural and ethnic groups in a tactful and effective manner.

Experience and Training

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

Experience:

Three years of responsible journey level experience in street and sewer maintenance, construction, and cement work, and one year of lead level experience.

Training:

Equivalent to the completion of the twelfth grade, supplemented by training or experience in the operation of heavy construction equipment.

License or Certificate

Possession of a valid Class "A" California driver's license (with tanker endorsement when assigned to wastewater section).

PHYSICAL DEMANDS

On a continuous basis sit for long periods of time; walk, stand, bend, crouch, or stoop, sit in jolting cab for varying periods of time; use hands and fingers to grasp tools to torque wrenches and bolts to sufficient levels; make repetitive hand and body motions to operate pedals and levers using both hands and both feet simultaneously; twist and reach below and above shoulder, climb ladders; perform sustained heavy physical activities on a continual basis; lift up to 100 pounds or less. See in the normal vision range with or without correction; hear in the normal range with or without correction; use an air purifying respirator and/or a self-contained breathing apparatus; work underground in confined spaces when assigned to wastewater section.

WORKING ENVIRONMENT

Work is performed outdoors with exposure to a variety of weather conditions; work with exposure to traffic, noise, raw sewage, physical barriers, and around heavy equipment or around potentially hazardous chemicals and substances; work underground, in confined spaces or trenches on slippery or uneven surfaces, or when assigned to wastewater section.

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