

BACKHOE OPERATOR/UTILITY TECH II

DEFINITION

To perform semi-skilled and skilled labor in the construction, maintenance, and related service activities for the City's water utility system including distribution lines and water meters.

BACKHOE OPERATOR/UTILITY TECHNICIAN II

SUPERVISION RECEIVED AND EXERCISED

Receives general supervision from the Water System Superintendent or Senior Utility Technician.

Exercises functional and technical supervision over lower level maintenance staff.

EXAMPLES OF DUTIES

Duties may include, but are not limited to the following:

Operate a full range of heavy and light equipment such as dump truck, trailer, backhoe, loader, overhead hoist, and power tools.

Excavate, inspect, flush, clean, and repair water mains, lines, and laterals; make taps for new services.

Install, repair, and replace fire hydrants, valves, meters and meter vaults, and boxes; exercise valves according to prescribed schedules.

May test water volume and pressure; collect water samples for chlorine, physical and bacteriological tests.

Weld and fabricate tools, equipment, and plumbing parts.

Maintain inventory of parts, tools, materials and equipment; issue parts, tools, and materials to employees.

May test, disassemble, clean, and repair commercial and residential water meters; sand blast and replace worn or faulty parts.

Maintain records related to particular area of assignment.

Operate construction equipment such as electric hoists and power tools such as pipe threaders, compressors, jack hammers, sand blasters, and concrete saws.

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Install street barricades and cones prior to the performance of construction and repair activities; direct and control traffic around work sites.

Respond to requests and inquiries from customers of the water utility and from the general public.

Identify equipment needs for each assigned project.

Utilize proper safety precautions related to all work performed.

Perform work in emergency situations as required.

Perform related duties as assigned.

BACKHOE OPERATOR/UTILITY TECHNICIAN II

QUALIFICATIONS

Knowledge Of:

Methods, techniques and tools, and the operational characteristics of mechanical equipment used in the construction and maintenance of utility facilities.

Safe work practices.

Ability To:

Perform semi-skilled maintenance, construction, and repair work in the area of work assigned.

Operate a variety of vehicular and stationary mechanical equipment in a safe and effective manner in routine situations.

Work independently in the absence of supervision.

Use and operate hand tools, mechanical equipment, and power tools and equipment required for the work in a safe and efficient manner.

Read and interpret basic maps and blueprints.

Experience and Training Guidelines:

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

Experience:

Two years of increasingly responsible experience in backhoe operation, performing utility maintenance, and construction duties.

Training:

Equivalent to the completion of the twelfth grade supplemented by specialized training in construction technology, water treatment or a related field.

License or Certificate

Possession of or ability to obtain an appropriate, valid California driver's license - Class "A"