

WATER SYSTEM OPERATOR II

Class Definition

Under general supervision, provides lead direction and participates in the testing, cleaning, maintenance, inspection, repair, installation, replacement, surface and groundwater treatment, construction and operation of the City's water systems.

Distinguishing Characteristics

Water System Operator II is the advanced working lead class in the Water System Operator series. Incumbents provide lead direction, training and participate in the testing, cleaning, maintenance, inspection, repair, installation replacement, surface and groundwater treatment, distribution, construction and operation of water system infrastructures. This class is distinguished from Water System Operator III in that the latter is the skilled craft class in the series. Depending on assignment, a Water System Operator II may receive direction from a Water System Operator III. This class is distinguished from Water System Operator I in that incumbents of the latter do not have lead responsibilities.

Typical Duties

(May include but are not limited to the following.)

Provides lead direction and training; participates in the testing, cleaning, maintenance, inspection, repair, installation, replacement, surface and groundwater treatment, distribution, construction and operation of the City's water system.

Installs, maintains and repairs surface and groundwater treatment and production equipment, meters, and other water system infrastructures.

Repairs and installs water mains and service lines.

Operates and services equipment used in the repair, installation and maintenance of water system infrastructures including, but not limited to, compressors, jack hammers, backhoes, trenchers, tractors, trucks, and any other assigned light and heavy equipment.

Performs minor concrete work, e.g., around hydrants, meter boxes; pours hydrant pads, pump pedestals and short sections of sidewalks and curbs.

Samples wells and distribution system for water quality.

Operates the City's water recharge facility; maintains proper water levels; performs general maintenance as required.

Responds to customer service calls relating to water service or quality.

Prepares various reports; maintains time and material records and reports on all projects.

Ensures compliance with safety procedures.

May be required to wear and use a respirator consistent with state mandates; work evenings, weekends and holidays.

Performs other duties as assigned.

Knowledge, Skills, and Abilities

(The following are a representative sample of the KSA's necessary to perform the duties of the position.)

Knowledge of the materials, methods, practices, equipment and tools used in the installation and maintenance of valves, hydrants, water mains, regulators, meters, pumps, surface and groundwater treatment equipment, distribution and water services.

Knowledge of the materials and methods required when constructing water mains.

Knowledge of the occupational hazards and safety precautions of the industry; local, state and federal statutes, codes, rules and regulations governing water systems, surface and groundwater treatment and quality (e.g., Safe Drinking Water Act).

Knowledge of the principles of plumbing and hydraulics applicable to community water systems.

Ability to lead and direct the work of other crew members, including equipment operators.

Ability to operate tapping and threading machines and pipe cutting equipment.

Ability to effectively and courteously explain requirements and departmental policies to the public.

Ability to follow oral and written instructions.

Ability to keep records and prepare reports on work completed.

Ability to operate assigned vehicles and equipment in the installation and maintenance of the water system.

Ability to plan and order materials necessary to accomplish assigned tasks.

Ability to read, interpret, and understand construction drawings and specifications.

Ability to locate mains, pipes, hydrants, meters and other related installations.

Ability to perform basic mathematical and algebraic computations.

Ability to establish and maintain effective working relationships at all organizational levels, including the public.

Physical strength and agility to work outdoors under arduous conditions.

Skill in the use of tools and equipment required for the work.

Minimum Qualifications

Two years of full-time work experience in the testing, cleaning, maintenance, inspection, repair, installation, replacement, construction, distribution and operation of water systems.

Special Requirement(s)

Possession at time of appointment and continued maintenance of a valid Class "C" California Driver's License. Depending on assignment area: 1) may be required to obtain and maintain a valid Commercial Class "A" or "B" California Driver's License with appropriate endorsements for entire term of employment; 2) must obtain and maintain a valid Water Treatment Operator Certificate, Grade T2, or a Water Distribution Operator Certificate, Grade D2, issued by the State of California, Department of Health Services, within 12 months of assignment.

NOTE: Recruitments may be limited to a specific operational area as required by operational needs. Operational areas include, but are not limited to, those detailed below. Failure to obtain and continue to maintain the valid certification within the specified time period above shall be cause for termination from this class.

1. Information, Electrical and Telemetry Systems Operations
2. Water Operations (e.g., Meter-Cross Connection Control, Distribution, Production, Recharge, Property Maintenance, Water Quality & Treatment)
3. Surface Water Treatment Operations

APPROVED: _____

Director

DATE: _____