

CITY OF FOLSOM

WATER QUALITY TECHNICIAN

DEFINITION

Under direction, implement the City's cross connection control/backflow prevention program; investigate and enforce consumer compliance with state and local laws; conduct field tests and surveys. Incumbents may exercise direct and/or indirect supervision over lower level personnel.

EXAMPLES OF ESSENTIAL DUTIES

NOTE: The following are the duties performed by employees in this classification. However, employees may perform other related duties at an equivalent level. Each individual in the classification does not necessarily perform all the duties listed.

- Investigate valves and fittings to determine cross-connection hazards; instruct consumers to install adequate backflow prevention devices.
- Conduct surveys, collect and analyze data, including diagrams of cross connections to verify compliance with state and local laws.
- Notify the State of California Department of Health Services of corrective actions and compliance schedules as required by state law.
- Consult with and explain cross connection control requirements to property owners, managers, contractors, government agencies, and the general public.
- Coordinate Cross Connection Control Program activities with other City departments and outside agencies including the Planning, Inspecting, and Permitting Department; Fire Department; and Sacramento County.
- Prepare and maintain records and files including field test data, surveys, cross connection locations, approved backflow assembly inventories, etc. Maintain a log of customer contacts and inspections.
- Compose correspondence, prepare forms and write reports relating to the Cross Connection Control Program.
- Issue written warnings to customers.
- Demonstrate various types of backflow prevention devices and train other staff in recognizing cross connection.
- Inspect water trucks and banks for compliance with the City's Cross Control Program.
- Oversee certified testers.
- Perform related duties as assigned.

EMPLOYMENT STANDARDS

NOTE: The level and scope of the following knowledge and abilities are related to duties listed under the “Examples of Essential Duties” section of this specification.

Knowledge of:

- Principles, design, and operation of cross connection control devices.
- Principles of cross connection control and backflow prevention.
- City policy and procedures and State law relating to cross connection control.
- Use of tools, equipment, and supplies.
- Basic computer use.

Ability to:

- Demonstrate and test backflow prevention devices and assemblies.
- Read and interpret maps, diagrams, and specifications.
- Maintain accurate records.
- Interpret and apply rules and regulations.
- Exercise good judgment and analyze situations accurately.
- Effectively communicate verbally and in writing.
- Establish and maintain effective working relationships with those contacted in the course of work.

Minimum Qualifications:

Experience:

Three (3) years of full-time experience in water distribution, water production, or related field, two years of which must have involved the testing and installation of backflow prevention devices and inspection of internal building plumbing systems for water cross connections.

License, Certificate, Registration Requirements:

At the option of the City, persons hired into this class may be required to either possess at entry or obtain within specified time limits, designated licenses, certificates or specialized education and training relevant to the area of assignment. Additional requirements may include, but are not limited to the following:

- Some positions may require the possession of, or the ability to obtain and retain, a California Class C driver license. Individuals who do not meet this requirement due to a disability will be reviewed on a case-by-case basis.
- American Water Works Association Cross Connection Control Specialist (Grade 1) within one (1) year of date of employment.
- American Water Works Association Backflow Prevention Assembly Tester within one (1) year of date of employment.

Physical Requirements:

Work is performed in an outdoor environment, with occasional work in an office setting; occasional work in confined spaces. (1) Mobility: frequent standing, walking, sitting, bending, squatting, working in awkward positions; frequent performance of heavy manual labor; occasional sitting, climbing. (2) Lifting: frequent lifting up to 50 pounds; occasional lifting over 100 pounds. (3) Vision: constant use of overall vision; use of vision to identify mechanical problems; occasional use of color vision. (4) Dexterity: occasional grasping, holding, and reaching; occasional use of touch only to perform work. (5) Hearing/Talking: frequent hearing and talking in person; use of hearing to recognize mechanical problems. (6) Emotional/Psychological: frequent coworker contact; occasional working alone. (7) Environmental: occasional exposure to loud and very loud noise, moving parts, and vehicles; frequent exposure to chemicals and other environmental substances.

Information Block

Class Code:

FLSA Status:

Established:

Revised:

Retitled:

Workers Compensation Code

Bargaining Unit: