

CROSS CONNECTION CONTROL SPECIALIST

DEFINITION

Under general supervision, inspects, tests backflow prevention assemblies protecting the City water system and conducts surveys of public and private facilities for cross connections to determine if backflow protection is required at the site.

SUPERVISION RECEIVED/EXERCISED

Receives supervision from a Water System Supervisor or designee. Exercises no supervision.

DISTINGUISHING CHARACTERISTICS

Cross Connection Control Specialist is a specialized class assigned to the Water Division of the Department of Public Utilities. Incumbents inspect, test, maintain service records on backflow assemblies and conduct surveys of public and private facilities for cross connection. Work is reviewed through periodic inspection and consultation. This class differs from Water Distribution/Production Specialist in that incumbents of the latter provide lead direction and participate in the work of a crew engaged in the installation, maintenance, and repair of the City's water system.

EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES

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

Conducts cross-connection surveys and inspections of water user premises to identify where cross-connections are likely to occur and determine degree of hazard; ensure conformance with federal, state, and local cross connection regulations.

Explains requirements and departmental policies to the public.

Prepares and maintains a variety of reports, correspondence, reports and files; enter data into a computer system including backflow prevention device locations and updates in customer information.

Performs tests and repairs on the backflow assemblies.

Conducts and coordinates cross connection control surveys on potable and recycled/reclaimed water systems including industrial and customer locations.

Performs related duties as required.

JOB RELATED AND ESSENTIAL QUALIFICATIONS

Knowledge of:

Cross Connection Control Specialist

Page 2

Local and State codes and regulations of cross connection standards and principles.

Principles, practices and techniques of cross connections.

Proper backflow prevention assembly inspection, testing and repairing.

Tools, equipment, and parts used in the maintenance of backflow prevention assemblies.
Municipal water system and water service components.

Applicable municipal codes and regulations.

Skill/Ability to:

Evaluate the degree of potential health hazard to the public water supply that may be created because of conditions existing on a user's premises.

Interpret and explain cross connection techniques.

Locate water mains and backflow assemblies.

Keep accurate records.

Maintain service records and prepare reports.

Interpret and carry out written and oral instructions.

Explain requirements and departmental policies to the public.

Establish and maintain effective working relationships with those contacted in the performance of assigned duties.

Use of tools and equipment required for the work.

Safely operate a motor vehicle.

Operate office equipment, a computer, and a variety of word processing software applications.

MINIMUM QUALIFICATIONS

Education:

Possession of a High school diploma or equivalent GED completion.

Experience:

One (1) year of experience surveying, inspecting, testing and repairing backflow prevention assemblies.

OR

Two (2) years of experience, with six (6) months surveying, inspecting, testing and repairing backflow prevention assemblies and eighteen (18) months repairing water mains, meters and water service.

SPECIAL REQUIREMENTS

Possession of a Cross Connection Control Program Specialist certification is required at the time of application and continued maintenance throughout the entire term of employment in the classification.

Possession of a valid Back Flow Prevention Device General Tester Certificate from the American Water Works Association, or equivalent State Health Department approved organization, at time of application and continued maintenance throughout the entire term of employment in the classification.

Possession of a valid Class C California Driver's License required at the time of application and continued maintenance throughout the entire term of employment in the classification.

PHYSICAL DEMANDS

The physical demands described here are representative of those that are necessary to safely, effectively, and efficiently perform the essential functions of this job with or without reasonable accommodation.

This classification's physical demands involve light work exerting up to 20 pounds of force occasionally, and/or up to 10 pounds of force to move objects. Additionally, the following physical demands may be required: _ balancing, climbing, crawling, crouching, feeling, manual dexterity, grasping, handling, hearing, kneeling, lifting, mental acuity, pulling, pushing, reaching, repetitive motion, speaking, standing stooping, talking, visual acuity, walking.

APPROVED: Signature on File
Director of Personnel Services

DATE: 10/20/2025