

CROSS CONNECTION CONTROL TECHNICIAN II

*This class description is only intended to present a summary of the range of duties and responsibilities associated with the positions. Descriptions **may not include all** duties performed by individuals within the class. In addition, descriptions outline the minimum qualifications necessary for entry into the class and do not necessarily convey the qualifications of incumbents within the position.*

DEFINITION

Oversight and implementation of a cross connection control/backflow prevention program including investigating and enforcing consumer compliance with District policies, State and local laws. Coordinates schedules and conducts cross connection surveys of the potable or recycled water systems; reviews construction plans and plumbing specifications; provides information and assistance to other departments, contractors, engineers, developers, and the general public; and maintains a variety of records, files and documentation.

DISTINGUISHING CHARACTERISTICS

The **Cross-Connection Control Technician II** is a Journey-level class responsible for performing a full array of duties in the maintenance of the backflow protection for the District's water systems. The Cross-Connection Control Technician II performs technical and administrative maintenance duties focused on backflow protection, cross-connection control, and water quality components of potable and recycled water systems; investigates, tests and inspects backflow devices for compliance with regulations. This class is distinguished from the Technician I position in that the **Cross-Connection Control Technician II** is required to independently execute all aspects of the Cross Connection Control Program in that the program meets the expectations of Title 17 Code of Regulations, District Regulation 6 (Cross Connection and Backflow Protection) and Backflow Protection Manual. Reviews and proposes annual operational budgets and provide regular reports on backflow program progress.

SUPERVISION RECEIVED

Receives general supervision from the Maintenance Supervisor and regulation guidance from the Water Quality Supervisor.

ESSENTIAL DUTIES (include but are not limited to the following)

Operates a variety of plumbing tools, test gauge and other hand tools to test and/or repair new and existing backflow prevention devices. Maintains computerized records and files of backflow device locations, inspections, test results and corrections; maintains records of recycled water use sites, rule violations, cross connection and annual inspection due dates. Responds to inquiries from contractors, developers, engineers, and the general public concerning District rules and regulations regarding the cross connection control of potable and recycled water systems. Inspects new backflow installations; performs routine inspection of businesses and industrial and residential customers within District's service area to assess backflow prevention needs in order to protect the water system from potential contamination and pollution; based on inspection results, notifies and advises customers where and what kind of devices need to be installed, and follows up to ensure that the appropriate devices have been installed. Performs cross connection control surveys; implements procedures and schedules for evaluating new and existing facilities to assess the degree of hazard, type, quantity, and location of backflow prevention. Performs preventative maintenance tasks through MaintScape work orders; carries out predicative, preventative and unplanned maintenance tasks; participates in training programs.

OTHER DUTIES

Plans, coordinates and designs cross connection tests for new and existing recycled water use sites; reviews plans and specifications for new construction and remodeling; ensures cross connection

regulations are followed; makes recommendations to comply with backflow standards. Receives, investigates, reviews, and responds to customer complaints regarding cross connections; resolves complaints in a timely and efficient manner. Reads understands, and ensures compliance with the District Safety Manual; attends safety meetings, as required; reports all accidents, violations, or infractions to supervisor. Performs related duties as assigned.

QUALIFICATIONS (The following minimum qualifications are necessary for entry into the class)

Education/Experience

Sufficient experience and education to successfully perform the duties of a **Cross-Connection Control Technician II**. A typical way of obtaining the required qualifications is to possess the equivalent of four years of experience performing pipework on the distribution system including service repairs, replacements, backflow and cross-connection control inspections and maintenance, repairing and installing water/wastewater pipelines, or four years of experience working in the CCC Technician I job classification; and a high school diploma or its equivalent.

Knowledge/Skill/Ability

Knowledge of: uses and purposes of general construction equipment and tools; operational characteristics of a pipeline maintenance program; repair and preventive maintenance techniques and procedures; advanced methods and techniques of backflow prevention and cross connection control; pertinent Federal, State and local laws, codes and regulations; occupational hazards and standard safety practices.

Ability to: perform maintenance and repair work related to water pipelines; identify problems in backflow prevention devices and implement the appropriate actions; work in confined spaces; operate equipment and tools; respond to questions and inquiries from the public; work independently in the absence of direct supervision; read and interpret blue prints and schematics; work weekends, holidays and remain available in the event of an emergency; maintain effective working relationships with those contacted in the course of work.

License/Certificate

Possession of a valid California Class C driver's license.

Possession of a valid, appropriate AWWA Backflow Prevention Assembly Tester certificate and an AWWA Cross Connection Control-Program Specialist certificate.

Possession of a California Department of Public Health Grade D2 Water Distribution Operator Certificate.

WORKING ENVIRONMENT/PHYSICAL REQUIREMENTS

Position works several hours per week in a standard office environment and involved prolonged sitting and repetitive motion but mainly works in outdoors with exposure to all weather conditions; position requires travel from and to sites with exposure to dust, noise and heavy mechanical equipment; position makes confined space entries, works in trenches and may require standing, sitting and walking for prolonged periods of time; and turning, kneeling, bending, stooping, squatting and reaching. Additionally, incumbent may be required to climb ladders, operate at heights and lift, carry and drag heavy objects in excess of 100 pounds. Incumbents are exposed to paints, solvents, sewage and other contaminants. Incumbents operate equipment that is noisy and are subjected to mechanical and electrical hazards. Incumbents work around moving traffic while performing duties.

OTHER REQUIREMENTS

Per California Government Code, Title 1, Division 4, Chapter 8, Section 3100, "all public employees are hereby declared to be disaster service workers subject to such disaster service activities as may be assigned to them by their superiors or by law.

Approved	CD
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