

**CROSS CONNECTION CONTROL TECHNICIAN I**

*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**

Performs a variety of cross-connection control and backflow protection duties; demonstrates a full understanding of all applicable policies, procedures and work methods associated with assigned duties; assists in the training of less experienced workers; performs other work as required.

**DISTINGUISHING CHARACTERISTICS**

The **Cross-Connection Control Technician I** is responsible for performing a full array of duties in the maintenance of the District's water systems and backflow protection of District customers. This class is different from the Pipeworker Assistant and Distribution Maintenance Assistant classifications in that these classifications primarily focus their work efforts on the maintenance, repair and installation of pipelines, water line services and other distribution system components, and the Cross-Connection Control Technician I performs technical maintenance duties focused on backflow protection, cross-connection control, and water quality components.

**SUPERVISION RECEIVED**

Receives general supervision from the Maintenance Supervisor and regulation supervision from the Water Quality Supervisor. May receive direct supervision from the Senior Electrical/Mechanical Technician.

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

Performs a variety of technical duties in the maintenance of District facilities and equipment for protection from backflow and cross connection; conducts backflow inspections to protect the public health and the distribution system from damage and contamination; assists Water Quality Supervisor in surveying systems for cross connection; tests and repairs backflow devices and preventers and performs a variety of other related duties related to backflow inspection and testing; assists the Operations / Maintenance Technical Assistant in maintaining accurate records of CCC program for District's reporting requirements; assists Construction staff in locating and marking underground pipeline facilities from maps, drawings or sketches; assists Distribution Operator in inspections of storage facilities and grounds and in cleaning and flushing mains for water quality. Perform preventive maintenance tasks through MaintScape work orders; carries out predictive, preventive and unplanned maintenance tasks; participates in training programs.

**OTHER DUTIES**

May assist in the performance of pipe maintenance duties including installing and repairing water line services, inspections of pipelines, valves, hydrants, service lines and meters; repairs or replaces deficient equipment as necessary; responds to emergency calls for service involving the location and repair of leaks in pipelines, valves, hydrants and meters; measures, cuts, threads and fits pipe of all sizes; operates assigned vehicles and equipment including a forklift and a variety of air and power tools. Understands and observes safety rules, enforces same when acting as lead man. Perform routine grounds maintenance including mowing, trimming and pruning; clear brush and trash from District sites and facilities.

Approved	CD
Date	6/27/11

**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 I**. A typical way of obtaining the required qualifications is to possess the equivalent of four years of experience performing basic District maintenance tasks on the distribution system including service repairs, replacements, backflow and cross-connection controls and assisting in inspections, repairing and installing water/wastewater pipelines; 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 certificate and/or an AWWA Cross Connection Control-Program Specialist certificate or obtain within 6 months of placement into this classification.

Possession of a California Department of Public Health Grade D1 Water Distribution Operator Certificate or ability to obtain said certification within 6 months of appointment to position.

**WORKING ENVIRONMENT/PHYSICAL REQUIREMENTS**

Position 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."