



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

SENIOR CROSS CONNECTION TECHNICIAN

Group-Section: Water System Operations Group	FLSA Status: Non-Exempt Bargaining Unit: AFSCME	Salary Grade: 48 Job #: XA10
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JOB SUMMARY

This is the advanced journey level position performing Senior Cross Connection Technician job duties.

DISTINGUISHING CHARACTERISTICS

Positions at the advanced journey level are fully competent and responsible for cross connection control in compliance with drinking water regulations. Positions are recognized as technical specialist using initiative and resourcefulness in deviating from traditional methods or researching trends and patterns to develop new methods, criteria, or proposed new policies. Decisions regarding what needs to be done include interpreting data, planning of the work, or refining the methods and techniques to be used. The work involves formulating projects; assessing program effectiveness; or analyzing variety of unusual conditions, problems, or questions. The work product or service may affect activities, or the operation of other organizations.

OVERSIGHT

Supervision Received: The supervisor sets the overall objectives and resources available. The employee and supervisor, in consultation, develop the deadlines, projects, and work to be done. At this level, the employee, having developed expertise in the line of work, is responsible for planning and carrying out the assignment; resolving most of the conflicts that arise; coordinating the work with others as necessary; and interpreting policy on own initiative in terms of established objectives. In some assignments, the employee also determines the approach to be taken and the methodology to be used. The employee keeps the supervisor informed of progress, potentially controversial matters, or far-reaching implications. Completed work is reviewed only from an overall standpoint in terms of feasibility, compatibility with other work, or effectiveness in meeting requirements or expected results.

Supervision Given: Acts as a lead. Coordinates and reviews work assignments of employees performing the same general work as the lead on a day-to-day basis. Responsibilities may involve solving problems and providing instructions on work procedures.

JOB DUTIES

1. Leads, tests, and repairs backflow prevention assemblies.
2. Conducts and approves cross-connection surveys of facilities. Oversees the maintenance of records for cross-connection surveys, recommendations for corrections, types of assemblies to be installed, and follow-up reports of compliance.
3. Leads and recommends locations and types of backflow prevention assemblies to be installed based on the degree of hazard.
4. Oversees the maintenance of regulatory records of backflow prevention assembly installations, tests, and repairs.

MWD

Metropolitan Water District of Southern California

5. Leads and designs backflow prevention assignments, criteria, and components by applying engineering theories and principles.
6. Leads and conducts field inspections and testing to check performance or conformity with established plans and specifications for multiple counties.
7. Oversees, prepares, maintains, and reports statistical, technical, or analytical engineering related data.
8. Reviews correspondence, analyses, calculations, and other material for accuracy.
9. Provides emergency response.
10. Acts as Project Manager; plans, coordinates, and conducts projects within area of responsibility, including monitoring scope, quality, budget, and schedule.
11. Performs other related Cross Connection Technician job duties as required.

EMPLOYMENT STANDARDS

MINIMUM QUALIFICATIONS

Education and Experience: High school diploma or general education development test (GED) and ten years of relevant experience; or two years experience in a MWD Cross Connection Technician classification.

Required Knowledge of: Theories and principles of engineering; drinking water regulations related to cross connections and backflow prevention; water conveyance and distribution systems; water treatment processes; chemistry; mathematics; health and safety requirements; project management; and current office equipment and technology.

Required Skills and Abilities to: Makes presentations; perform calculations; spreadsheets; apply safe work practices; read and understand contract specifications, and drawings; plan and organize work; manage projects; use independent judgment and exercise discretion; problem solve; prioritize and multi-task; communicate clearly and concisely, both verbally and in writing; establish and maintain effective working relationships with those contacted in the course of work; work independently and in a team environment; lead and train; and operate current office equipment including computers and supporting applications.

Job Title: Senior Cross Connection Technician

Job Code: XA10

Adopted: 03/11/13

Revised:

Supercedes:

Page 2

CERTIFICATES, LICENSES, AND REGISTRATIONS REQUIREMENTS

Employees in this position may be required to obtain and maintain the following certifications, licensing and registrations:

Certificates

- Backflow Prevention Device Tester certification from multiple counties

Licenses

- Valid California Class C Drivers License that allows you to drive in the course of your employment

Registrations

- None

PHYSICAL DEMANDS, WORK ENVIRONMENT, AND VISION REQUIREMENTS

The physical demands and work environment characteristics described here are representative of those that must be met or may be encountered by an employee to successfully perform the job duties of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the job duties.

Physical Demands: The work requires some physical exertion such as long periods of standing; walking over rough, uneven, or rocky surfaces; recurring bending, crouching, stooping, stretching, reaching, or similar activities; recurring lifting of moderately heavy items such as personal computers and record boxes. The work may require specific, but common, physical characteristics and abilities such as above-average agility and dexterity.

Work Environment: The work environment involves high risks with exposure to potentially dangerous situations or unusual environmental stress that require a range of safety and other precautions, e.g., irritant chemicals, electrically energized equipment including high voltage systems, working at great heights under extreme outdoor weather conditions, or similar situations where conditions cannot be controlled.

Vision Requirements: No special vision requirements.