



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

CONSTRUCTION INSPECTOR I

Group-Section: Business Technology Group	FLSA Status: Non-Exempt Bargaining Unit: AFSCME	Salary Grade: 38 Job #: XA01A
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JOB SUMMARY

This is the entry level position performing Construction Inspector I job duties.

DISTINGUISHING CHARACTERISTICS

Positions at this level learn to apply basic skills in procedures, operations, techniques, tools, materials and equipment appropriate to the area of public works construction inspection, fabrication inspection and/or materials sampling and testing; work assignments are routine in nature, requiring limited judgment and decision making. Specific assignments are provided; deviations must be authorized. The work consists of tasks that are clear-cut and directly related.

OVERSIGHT

Supervision Received: For both one-of-a-kind and repetitive tasks the supervisor makes specific assignments that are accompanied by clear and specific instructions. The employee works as instructed and consults with the supervisor as needed on all matters not specifically covered in the original instructions or guidelines. For all positions, the work is closely controlled. For some positions, the control is through the structured nature of the work itself; for others, it may be controlled by the circumstances in which it is performed. In some situations, the supervisor maintains control through review of the work, which may include checking progress or reviewing reports or completed work for accuracy, adequacy, and adherence to instructions and established procedures.

Supervision Given: None

JOB DUTIES

1. Learns and assists to perform as a Construction Inspector on public works construction projects.
2. Learns and assists to perform inspections, fabrication inspections, and materials testing on construction projects in accordance with contract plans and specifications.
3. Learns and assists to perform factory acceptance testing, equipment testing and systems start-up.
4. Learns and assists to perform constructability reviews of plans and specifications.
5. Prepares inspector's daily reports including photo and/or video documentation.
6. Learns and assists to perform engineering materials tests, studies, investigations, and forensic and engineering evaluations.
7. Performs other related Construction Inspector job duties.

EMPLOYMENT STANDARDS

MINIMUM QUALIFICATIONS

Education and Experience: High school diploma or general education development test (GED) and four years of increasingly responsible, relevant experience in a journey level craft, or construction materials sampling and testing per applicable codes and standards, or fabrication inspection and testing per applicable codes and standards. General construction experience may be substituted for a particular craft.

Required Knowledge of: Basic construction means and methods and construction quality assurance; reporting; basic engineering calculations; construction safety practices; materials sampling and testing; applicable federal, state, and local laws; codes and regulations; and current office technology and equipment.

Required Skills and Abilities to: Perform basic engineering calculations; use of spreadsheets; apply safe work practices; read and understand contract specifications and drawings; 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; and operate current office equipment including computers and supporting applications.

CERTIFICATIONS, LICENSES, AND REGISTRATION REQUIREMENTS

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

Certificates

- None

Licenses

- Valid California Class C Driver 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; climbing, twisting, recurring bending, crouching, stooping, stretching, reaching, or similar activities; recurring lifting of moderately heavy items such as testing equipment, concrete test cylinders, record boxes, etc. The work may require specific, but common, physical characteristics and abilities such as above-average agility and dexterity.

MWD

Metropolitan Water District of Southern California

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, noise, dust, working at great heights, working under extreme outdoor weather conditions, or similar situations where conditions cannot be controlled.

Vision Requirements: Color vision (ability to identify and distinguish colors) for Electrical inspectors.

Job Title: Construction Inspector I

Job Code: XA01A

Adopted: 09/10/13

Revised: 9/10/17

Supersedes:

Page 3