



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

## CRANE CERTIFICATION TECHNICIAN II

<b>Group-Section:</b> Water System Operations Group	<b>FLSA Status:</b> Non-Exempt <b>Bargaining Unit:</b> AFSCME	<b>Salary Grade:</b> 43 <b>Job #:</b> XA07
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### JOB SUMMARY

This is the journey level position performing Crane Certification Technician II job duties.

### DISTINGUISHING CHARACTERISTICS

Positions at this level are fully competent and apply the full range of specialized skills and job knowledge in area of specialization; adapts procedures, operations, techniques, tools, materials, and/or equipment to meet needs of area of specialization. Uses judgment in interpreting and adapting guidelines such as policies, regulations, precedents, and work directions for application to specific cases or problems. The decision regarding what needs to be done depends upon the analysis of the subject, phase, or issues involved in each assignment, and the chosen course of action may have to be selected from many alternatives. The work involves treating a variety of conventional problems, questions, or situations in conformance with established criteria.

### OVERSIGHT

**Supervision Received:** The supervisor makes assignments by defining objectives, priorities, and deadlines; and assists employee with unusual situations that do not have clear precedents. The employee plans and carries out the successive steps and handles problems and deviations in the work assignment in accordance with instructions, policies, previous training, or accepted practices in the occupation. Completed work is usually evaluated for technical soundness, appropriateness, and conformity to policy and requirements. The methods used in arriving at the end results are not usually reviewed in detail.

**Supervision Given:** May act as a lead. May coordinate and review 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. Coordinates and schedules crane inspections with outside contractors and staff to ensure compliance with applicable regulations.
2. Audits and reviews facility crane, lifting devices, platforms, stands, load bearing accessory, and other related inspection and operation records to ensure compliance with applicable regulations.
3. Performs and coordinates troubleshooting, repair, installation, and modification of Metropolitan's cranes and lifting devices to ensure compliance with applicable specifications. Coordinates the recertification of all repaired units.
4. Coordinates or inspects and certifies newly fabricated or procured cranes, lifting devices, platforms, stands, and other load bearing accessories to ensure compliance.
5. Installs, modifies, upgrades, inspects, certifies, and repairs cranes and lifting devices.

6. Develops and maintains certifications, plans, schedules, reports, and records; assists with developing and maintaining procedures, specifications, and tests.
7. Assists with preliminary design and final design review of new equipment, modifications, upgrades, and expansions on cranes, lifting devices, platforms, stands, and other load bearing accessories.
8. Assists with monitoring critical lifts to ensure compliance with established procedures.
9. Assists with crane inspection training.
10. May participate on a project team.
11. Provides emergency response within area of responsibility.
12. Performs other related Crane Certification Technician job duties as required.

## **EMPLOYMENT STANDARDS**

### **MINIMUM QUALIFICATIONS**

**Education and Experience:** High school diploma or general education development test (GED) and eight years of increasingly responsible, relevant experience; or two years experience in a MWD Crane Certification Technician I classification.

**Required Knowledge of:** Applicable California Occupational Safety and Health Administration regulations; applicable crane related standards and regulations; crane and lifting device types, operations, inspections, troubleshooting, repairs, procedures, practices, techniques, and theories; rigging procedures and practices; non-destructive testing theories; load charts; mathematics; and current office technology and equipment.

**Required Skills and Abilities to:** Performs inspections, analyze and interpret test results and load charts; use project management software; perform calculations; apply safe work practices; read and understand specifications and drawings; analyze; use hand and inspection tools; 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; and operate current office equipment including computers and supporting applications.

### **CERTIFICATES, LICENSES, AND REGISTRATIONS 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; 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 involves moderate risks or discomforts that require special safety precautions, e.g., working around moving parts, carts, or machines, or irritant chemicals; etc. Employees may be required to use protective clothing or gear such as masks, gowns, coats, boots, goggles, gloves, or shields.

**Vision Requirements:** No special vision requirements.