



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

SENIOR CRANE CERTIFICATION TECHNICIAN

Group-Section: Water System Operations Group	FLSA Status: Non-Exempt Bargaining Unit: AFSCME	Salary Grade: 48 Job #: XA08
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JOB SUMMARY

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

DISTINGUISHING CHARACTERISTICS

Positions at this level 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 includes 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, coordinates, and schedules crane inspections with outside contractors and staff to ensure compliance with applicable regulations.
2. Oversees and performs audits and reviews of facility crane, lifting devices, platforms, stands, load bearing accessory, and other related inspection and operation records to ensure compliance with applicable regulations.
3. Leads and performs 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. Reviews certifications of newly fabricated or procured cranes, lifting devices, platforms, stands, and other load bearing accessories to ensure compliance.

5. Leads new installations, modifications, upgrades, inspections, certifications, and repairs of cranes and lifting devices.
6. Develops, reviews, and maintains procedures, specifications, certifications, tests, plans, schedules, reports, and records.
7. Consults and provides information on new equipment, modifications, upgrades, and expansions on cranes, lifting devices, platforms, stands, and other load bearing accessories. Assists with preliminary design and final design review.
8. Oversees and monitors critical lifts to ensure compliance with established procedures.
9. Provides information for investigations relating to crane incidents.
10. Develops and provides crane inspection training.
11. Acts as Project Manager; plans, coordinates, and conducts projects within area of responsibility, including monitoring scope, quality, budget, and schedule.
12. Provides emergency response within area of responsibility.
13. 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 ten years of increasingly responsible, relevant experience; or two years experience in a MWD Crane Certification Technician II 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; project management; and current office technology and equipment.

Required Skills and Abilities to: Perform 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; problem solve; 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; lead and train; 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.