



Corrosion Control Supervisor

DEFINITION

Under direction, plans, organizes, directs, assists and participates in the work of a staff engaged in installation and maintenance of corrosion control facilities (such as test stations and rectifiers and other corrosion control equipment); participates in the design, construction, inspection and maintenance of corrosion control facilities and performs related work as required.

DISTINGUISHING CHARACTERISTICS

This classification is a first line working supervisor with responsibility for supervision and coordination of a specific work unit with individual responsibility for handling the more difficult and complex work assignments. Incumbents are expected to handle the planning and scheduling of normal workloads, provide supervision and training for Corrosion Control Technicians and prepare written performance evaluations. In addition, they may prepare and monitor a budget for the unit.

EXAMPLES OF DUTIES

Typical duties may include but are not limited to the following:

- Plans, schedules, organizes, supervises the work of and participates in the the work of Corrosion Technicians
- Inspects and prepares reports on the operation of cathodic protection facilities;
- Inspects and prepares reports on the application and performance of protective coatings on District facilities;
- Investigates piping systems to determine if electrical interference exists with other structures;
- Uses both hard copy maps and computerized GIS (Geographic Information Systems) data to analyze and correct system problems;
- Performs preliminary design of cathodic protection systems for pipelines;
- Works with the Superintendent of Operations to develop and recommend system changes and plans for taking tanks, pumps, treatment plants and other district facilities out of service;
- Maintains a computerized database of cathodic protection records;
- Prepares specifications and participates in analysis of bids for construction projects, purchase of materials and/or equipment;
- Develops and administers Corrosion Control construction project, service and/or material contracts
- Coordinates and confers with contractors, public agencies, and other District staff;
- Maintains records and prepares reports on the need to protect and replace facilities;
- Trains and monitors the work of Corrosion Control Technicians;
- Prepares and monitors section budget;
- Participates in hiring interviews, monitors employee performance and prepares and conducts performance evaluations for assigned staff;

- Follows and enforces applicable safety rules and regulations;
- Prepares clear and concise records and reports.

QUALIFICATIONS FOR EMPLOYMENT

Knowledge of:

- Principles and practices of supervision, training and personnel administration
- Basic hydraulics as it applies to the operation of a water distribution system;
- Fundamentals of corrosion control, including electrical measurements, alternating and direct current circuits;
- Fundamentals of cathodic protection system design;
- Corrosion control and coating standards and recommended practices;
- Protective coating system specifications, application methods and inspection techniques;
- Geography and landmarks associated with the District's service area;
- Construction methods and materials for the proper operation of water facilities;
- PC (personal computer) software applications, including operating systems, word processing, spreadsheets, and enterprise systems;
- Principles and practices of work safety;
- Codes, regulations and practices used in operation, maintenance and repair work;
- English usage, spelling, punctuation, and grammar.

Ability to:

- Plan, organize, supervise, review and evaluate the work of employees;
- Develop, coach, train and mentor staff sufficiently to ensure the use of appropriate technical skills
- Operate and understand a variety of computer programs;
- Generate maintenance reports and create and edit corrosion control maintenance plans, task lists, equipment and functional locations in computerized maintenance management system (SAP)
- Read and understand schematic drawings, construction drawings and hard copy maps;
- Analyze data obtained from a variety of sources;
- Safely and efficiently use a variety of equipment and procedures to evaluate the condition and preservation of District facilities;
- Perform field inspections, adjustments and maintenance at corrosion control facilities;
- Inspect protective coatings in confined spaces and high places;
- Use plans and specifications to determine material lists and inspection requirements;
- Interpret and apply appropriate corrosion control procedures;
- Recognize unusual, inefficient, or dangerous operating conditions and take appropriate action;
- Analyze work problems and develop effective solutions;
- Work cooperatively with the public, contractors and District staff;
- Communicate clearly and concisely both orally and in writing;
- Establish and maintain effective working relationships with those contacted in the course of work;
- Prepare clear and concise records and reports;
- Depending upon job assignment, drive vehicle;
- Travel to alternative work locations and offsite meetings.

Training and Experience: Any combination equivalent to experience and education that could likely provide the required knowledge and abilities would be qualifying. A typical way to obtain the knowledge and abilities

would be:

- Completion of the twelfth grade or its equivalent; and
- Six years of increasingly responsible experience as a Corrosion Control Technician II or equivalent

OR

- Completion of two years of college level or other certified and acceptable courses, including chemistry and electrical measurement and four years of experience as a Corrosion Control Technician II or equivalent

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."
- Work on an "on call" basis for emergency situations;
- Field experience and familiarity with terms, practices, and procedures common to the water industry preferred.

LICENSES AND/OR CERTIFICATIONS

- Possession of or the ability to obtain an appropriate California driver's license issued by the State Department of Motor Vehicles and satisfactory driving record;
- Possession of a valid D2 Distribution Operator certificate issue by the California State Water Resources Control Board, Division of Drinking Water at the time of appointment.
- Possession of or ability to obtain Association of Material Protection and Performance (AMPP) protective Coating Specialist-Basic Principles (PCS 1) certification within two years from their date of hire or appointment date
- Complete Association of Material Protection and Performance (AMPP) Lead Paint Removal (C3) course within two years from their date of hire or appointment date

PHYSICAL DEMANDS AND WORKING CONDITIONS

During the course of performing job duties the employee will need the mobility to work in a standard office setting, operate equipment, which may include office and/or field equipment, or specialized instruments or tools requiring repetitive arm/hand movement and/or the coordinated movement of more than one limb simultaneously; enter and retrieve data from personal computers and terminals via keyboards which is often performed while sitting for extended periods of time. The employee frequently stands, walks, bends at neck and waists, twists at neck and waist, uses simple and power grasping with both hands, uses fine manipulation of both hands and fingers, and may require use of the arms above the shoulder, climb or balance; stoop, kneel or crouch. While working in the field the employee may walk on uneven or un-level ground surfaces such as hills, slopes, ditches or trenches, on or in tanks, and may work at heights up to forty feet climbing ladders or stairs. The employee must use small mechanical hand tools, handle small parts, hold and operate heavy tools, pull cable and wire and performs manual labor for extended periods such as frequently lifting 10 to 25 pounds and carrying equipment, and occasionally lift 50 to 75 pounds. This position requires that the employee demonstrate adequate hearing and speech to detect warning alarms, converse in person and over the telephone or radio, and vision to read printed materials, see small parts and color coded wiring, and use a computer screen.

The noise level in the work environment is moderate to loud noise. The employee is exposed to moving vehicles and other moving equipment and machinery, excessive noise, extremes in temperature, humidity, wetness and dust. The position may require the ability to work overtime and weekends as needed.

Employees who drive on District business to carry out job-related duties must possess a California driver's license for the class of vehicle driven and meet automobile insurability requirements of the District including review of a recent DMV history. In order to drive and depending on job assignment, individuals must be physically capable of operating the vehicles and equipment safely.

ADDITIONAL PHYSICAL DEMANDS

- Willingness to work in confined spaces;
- Respiratory protection may be required when working in confined spaces and employee must be capable of obtaining and maintaining a proper facial seal for District respiratory protection equipment.

To be successful in this job, an individual must be able to satisfactorily perform each of the listed duties. These duties are representative of the knowledge, skill and/or ability required for the position. Reasonable accommodations may be made to enable individuals with disabilities to perform the duties and functions of the position. Requests for reasonable accommodation should be directed to the Human Resources Manager.

Established: September 2022
Approved by: Human Resources Manager