

**RANCHO CALIFORNIA WATER DISTRICT  
POSITION DESCRIPTION**

**DATE:** July 1, 2019

**POSITION TITLE:** **CORROSION CONTROL TECHNICIAN I / II**

**GRADE LEVEL:** E11 / E13

**SUPERVISOR TITLE:** Water Systems Supervisors

**FLSA STATUS:** [ ] Exempt [X] Non-Exempt

**BARGAINING UNIT:** [X] RCWDEA [ ] RCWD MPCEA

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**DEFINITION**

Under direction, performs technical duties related to the District's Corrosion Control program; inspects and repairs corrosion control systems

**CLASS CHARACTERISTICS**

***Corrosion Control Technician I***

This is an entry-level position in the systems operations division. Positions assigned to this level perform a range of field related duties under general supervision. Because employees in classifications at this level may be in a training capacity, such positions do not require significant previous work experience. This job classification is represented by the Rancho California Water District Employees Association (RCWDEA) bargaining unit

***Corrosion Control Technician II***

This is a journey level specialist position in the systems operations division. Positions assigned to this level perform a full range of field related duties under general supervision. Employees at this level receive only occasional instruction as new or unusual situations arise, as they are fully aware of the operating procedures and policies within each of the departments. Because employees in classifications at this level are expected to be fully trained and competent, such position typically requires previous work experience in catholically protection. This job classification is represented by the Rancho California Water District Employees Association (RCWDEA) bargaining unit

**EXAMPLE OF DUTIES** (Duties may include, but are not limited to, the following):

- ✎ Collects, compiles and analyzes data from corrosion test stations to determine need for maintenance, repair and/or replacement of associated facility
- ✎ Generate work orders; including facility repair and maintenance
- ✎ Monitor completion of assignments and notify operations project manager of any variances to schedules
- ✎ Organizes and conducts field testing procedures for all District cathodically protected structures, such as reservoirs and pipelines
- ✎ Organizes and monitors the installation of corrosion protection systems on water pipelines and reservoirs within the District
- ✎ Performs a variety of skilled duties involved in the inspection, diagnosis, troubleshooting, and maintenance of the water distribution systems as they relate to corrosion control
- ✎ Perform related duties as assigned

**QUALIFICATIONS**

**Corrosion Control Technician I**

**Knowledge of:**

- ✎ Basic electrical theory
- ✎ District service boundaries
- ✎ District organization, facilities, and services
- ✎ District maintenance program
- ✎ Mathematics including algebra, geometry basic methods of corrosion control
- ✎ Organization and procedures of the District
- ✎ Utilization of the District's computer database and advanced word processing applications

**Ability to:**

- ✎ Assist the operations project manager with special project assignments
- ✎ Communicate effectively, verbally and in writing
- ✎ Coordinate work assignments with other sections, divisions or agencies
- ✎ Follow and apply written and verbal work instructions
- ✎ Make sound independent judgments within established guidelines
- ✎ Prioritize and complete work effectively with minimum supervision
- ✎ Read and interpret engineering drawings, survey notes and mechanical specifications




## **SELECTION GUIDELINES**

The appropriate knowledge, skills, and abilities can be achieved through a variety of combinations of experience and training. A typical example is:

**Experience:** One (1) or more years with a public water utility with emphasis in construction, water treatment, and/or distribution

**Training:** Equivalent to the completion of the 12<sup>th</sup> grade supplemented by specialized training in water utility field operations




### **Licenses/Certificates:**

-  Valid California driver's license, required
-  Grade D2 Water Distribution Certificate – SWRCB , required
-  Grade T1 Water Treatment Certificate – SWRCB , required



## **Corrosion Control Technician II**

In addition to the qualifications for ***Corrosion Control Technician I***

### **Knowledge of:**

-  Cost estimating; principles, methods, techniques, tools and equipment used in the installation, maintenance and operation of a waterworks system
-  Advanced methods of corrosion control
-  Mathematics including algebra, geometry and trigonometry; water hydraulics

### **Ability to:**

-  Compile and maintain complex and extensive records and files
-  Prepare statistical summaries and other required reports

## **SELECTION GUIDELINES**

The appropriate knowledge, skills, and abilities can be achieved through a variety of combinations of experience and training. A typical example is:

**Experience:** Two (2) years of experience in corrosion control; or an equivalent combination of training and experience

**Training:** Equivalent to the completion of the 12<sup>th</sup> grade supplemented by specialized training in water utility field operations

### **Licenses/Certificates:**

- ✎ Valid California driver's license, required
- ✎ Grade D3 Water Distribution Certificate – SWRCB, required
- ✎ Grade T1 Water Treatment Certificate – SWRCB, required
- ✎ NACE CP Tester I Certification, required

### **PHYSICAL REQUIREMENTS/WORKING CONDITIONS**

The essential functions of this position will require the employee to perform the following physical activities:

- ✎ Operates a District vehicle to travel between job sites and remote facilities
- ✎ Must be able to carry, push, pull, reach and lift equipment and parts up to 50 lbs. and heavier weights with the use of proper assistance
- ✎ Stoop, kneel, crouch, crawl and climb during regular duties
- ✎ Communicates verbally with District management, co-workers, and the public in face-to-face, one-on-one, and group meetings
- ✎ Use office equipment such as computers, copier, and FAX machines
- ✎ Regularly uses a telephone or radio for communication
- ✎ Stand and walk for extended periods
- ✎ Ability to speak and hear both in person, by telephone, and radio
- ✎ Vision within normal ranges including color vision with or without correction.
- ✎ Regular attendance

The essential functions of this position may expose the employee to the following working conditions:

- ✎ 50% - 100% of work time spent outside a building exposed to the sun
- ✎ Inclement weather
- ✎ Hot and cold temperatures
- ✎ Hazardous materials
- ✎ Electrical hazards
- ✎ Heights
- ✎ Confined spaces
- ✎ Potentially dangerous tools and equipment
- ✎ Traffic hazards
- ✎ Trenching and excavations
- ✎ Wildlife

_____ Employee Signature	_____ Date
_____ Supervisor/Manager Signature	_____ Date