

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Associate Corrosion Engineer		DWR POSITION NUMBER 2754-3279-003	SAP POSITION NUMBER 50001623	MCR 1
APPOINTEE VACANT		SAP PERSONNEL NO. TBD	DIVISION/SECTION O&M/ADM-Eng/MESB/CES/CE Unit A	
COLLECTIVE BARGAINING IDENTIFIER Management Related BU: ☐ Supervisory Related BU: ☐ Confidential Related BU: ☒ Rank and File BU: R09				
RESPONSIBILITIES EXERCISED ☐ Supervisory ☒ Lead Person		IMMEDIATE SUPERVISOR (Print) James Albertoni	SUPERVISOR'S CLASSIFICATION Senior Corrosion Engineer	
APPROVED BY (Personnel Analyst's Name) Estevez Contreras			DATE 10/22/2026	
<i>Percent of Time</i>	<i>Activity</i>			
	POSITION SUMMARY Under direction of the Manager, Corrosion Engineering Unit A, the incumbent will be required to perform field and office engineering work on matters relating to corrosion control on the State Water Project.			
	ESSENTIAL FUNCTIONS This position requires that the incumbent work cooperatively with others; maintain regular, consistent, and predictable attendance; and exercise good judgment. The specific duties include, but are not limited to the following:			
40%	Perform corrosion investigations and cathodic protection investigations in the field on existing structures and equipment and make field and shop inspections in connection with the application of protective coatings and cathodic protection equipment. Provide assistance in evaluating the performance of engineering materials and protective coatings. Prepare complete and comprehensive reports on these evaluations and investigations. This may require extensive travel throughout the State by air or vehicle.			
35%	Provide recommendations and advice on the technical aspects of corrosion in connection with design, construction, maintenance, and operations of a variety of engineering projects; develop and review engineering drawings and specifications, and recommend necessary modifications to avoid potential corrosion problems; and provide assistance to design engineers in the selection of materials to resist corrosion.			
15%	Maintain contact with counterparts in other organizations and actively participate in conferences and training courses of the National Association of Corrosion Engineers and Structural Steel Painting Council to keep abreast of new developments in the field of corrosion engineering. Has wide latitude in obtaining information from outside commercial organizations on corrosion control and cathodic protection. May represent the Department in various committee meetings and activities relating to corrosion or cathodic protection.			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print) James Albertoni		SUPERVISOR'S SIGNATURE ➤		DATE
EMPLOYEE'S STATEMENT: I HAVE DISCUSSED WITH MY SUPERVISOR THE DUTIES OF THE POSITION AND HAVE RECEIVED A COPY OF THE DUTY STATEMENT.				
EMPLOYEE'S NAME (Print) VACANT		EMPLOYEE'S SIGNATURE ➤		DATE

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Associate Corrosion Engineer		2754-3279-003		50001623	1
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VACANT		TBD	O&M/ADM-Eng/MESB/CES/CE Unit A		
Percent of Time	Activity				
5%	Maintain existing corrosion computer databases (ProActive, Bullhorn, and Excel) that document the results of cathodic protection installations and annual surveys for both cathodic protection and coating inspections. Input data and develop reports from the results of the annual inspections.				
5%	Act for the Unit Manager in his/her absence, and assist in work planning and budgeting for the Unit.				
	KNOWLEDGE, SKILLS, AND ABILITIES Ability to pull, push, and move items up to 50 pounds; stamina and ability to bend, stoop, kneel, and crawl; climb stairs and uneven (sometimes steep) slopes while carrying equipment; mobility to walk unassisted throughout the facilities of the State Water Project; and manual dexterity required to operate computers. Must have stamina and ability to remove and replace manhole covers, and climb down manholes into shallow underground vaults for maintenance visits. Must be able and willing to work alone and in adverse weather conditions, e.g., extreme heat or cold. Must work well with others, and follow established safety procedures inherent in the job.				
	SPECIAL REQUIREMENTS Must be willing to work sometimes outside of normal business hours, travel, and stay overnight in various locations throughout the State of California. Travel throughout the State may be required for extensive periods of time. Field inspections may require travel to domestic and foreign locations via air travel or other means of transportation. Work may require driving a vehicle on public roadways and/or uneven terrain to remote areas. Employee is required to successfully complete all safety training related to the functions of the job. All employees are responsible for contributing to an inclusive, safe, and secure work environment that values diverse cultures, perspectives, and experiences, and is free from discrimination.				
	Under the provisions of the North American Electric Reliability Corporation Critical Infrastructure Protection Standard CIP-004 as part of the Energy Policy of 2005, this position has authorized cyber access to or unescorted physical access around critical cyber assets and is subject to a satisfactory background check prior to appointment and every seven years thereafter.				
	The Department of Water Resources (DWR) is committed to its mission and employees, and we are grounded in our commitment to public safety. Regular and consistent attendance is essential to the successful performance in this position.				

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	OTHER RESPONSIBILITIES This position provides necessary support to the Divisions of Flood Management, Safety of Dams, Operations and Maintenance, Engineering, and/or the Public Affairs Office during Governor declared emergencies, flood, dam, SWP, and other incidents and emergencies. Additionally, this position may participate in emergency operations in the capacity of area teams, field inspection, coordination, and assist agencies such as Cal OES and FEMA in disaster work, including performing fieldwork to complete damage survey reports for droughts, flooding, earthquakes, and other emergencies. This position may also serve in one of the sections as established in the Incident Command System to assist the Department in performing its emergency preparedness, response, recovery, and mitigation functions. These functions are established in the California State Emergency Plan and the Department's Administrative Orders.			