

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Electrical Engineer		DWR POSITION NUMBER 2320-3613-007	SAP POSITION NUMBER 50002080	MCR 1
APPOINTEE Vacant		SAP PERSONNEL NO.	DIVISION/SECTION O&M/Delta Field Division/Engineering Branch	
COLLECTIVE BARGAINING IDENTIFIER				
<input type="checkbox"/> Management Related BU:	<input type="checkbox"/> Supervisory Related BU:	<input type="checkbox"/> Confidential Related BU:	<input checked="" type="checkbox"/> Rank and File BU: R09	
RESPONSIBILITIES EXERCISED <input type="checkbox"/> Supervisory <input type="checkbox"/> Lead Person		IMMEDIATE SUPERVISOR (Print) Bikram Singh	SUPERVISOR'S CLASSIFICATION Senior HEP Utility Engineer (Supv)	
APPROVED BY (Personnel Analyst's Name) Sydney Mecke			DATE 4/24/26	
<i>Percent of Time</i>	<i>Activity</i>			
	<p>POSITION SUMMARY Under direction of the Senior Hydroelectric Power Utility Engineer, the incumbent assists the engineering staff in performing less complex field and office electrical and electronic engineering work; with training, performs electrical designing, drafting, and inspection work of average difficulty; and does other related work.</p> <p>ESSENTIAL FUNCTIONS This position requires that the incumbent work cooperatively with others, maintain consistent, regular, predictable attendance and exercise good judgement.</p> <p>35% Assists in performing designs, calculations, preparing drawings, layouts, technical specifications reports, and cost estimates for the electrical features of a project. Checks work of students (interns, etc). Coordinates the electrical design, installations for pumping plants, check structures, and the Fish Facility. Makes inspections of electrical equipment and installations to assure conformance with the plans and specifications. Incumbent will be required to operate automotive vehicles on public roadways and travel to remote areas within the Field Division.</p> <p>25% Prepares test reports, reports on service interruptions, electrical and mechanical equipment failures, and makes recommendations for corrective actions to prevent re-occurrence of service interruptions and equipment failures; prepares other technical reports as required. Reviews test results from Hydroelectric Plant (HEP) Electricians, HEP Technicians and makes recommendations.</p> <p>15% Coordinates and inputs drawings into the Operation & Maintenance Drawing System (OMDS). Prepares As-built drawings of electrical equipment and performs line check of existing drawings.</p> <p>10% Designs and assists in the design and preparation of plans, technical specifications and cost estimates for the field division's control system and control equipment.</p>			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print) Bikram Singh		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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<i>Percent of Time</i>	<i>Activity</i>		
10%	<p>Initiates job requests and coordinates the work of the HEP Electricians and HEP Technicians during the tests. Correlates and evaluates the results of the tests.</p>		
5%	<p>Provides technical advice as required to HEP Electricians and HEP Technicians to facilitate the performance of their functions. Contacts manufacturers regarding electrical and mechanical equipment, specifications, installations, and cost estimates.</p> <p>SPECIAL REQUIREMENTS</p> <p>Must have ability to ascend/descend stairs, slopes and ladders to enter or exit vaults and structures as required for equipment access. Must possess a valid California Driver's License, class C, and operate vehicles on public roadways or travel to remote areas. Ability to move 30 pounds.</p> <p>Employee is required to successfully complete all safety training related to the functions of the job.</p> <p>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.</p> <p>This position is not eligible for telework.</p> <p>Must be capable of operating a personal computer as use of word processor, spreadsheet, database and cad software is necessary to perform the requirements of this position.</p> <p>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, and/or unescorted physical access around, critical cyber assets and is subject to a satisfactory background check prior to appointment and every seven years thereafter.</p> <p>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, floods, dam, State Watet Project, 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.</p>		