

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Hydroelectric Plant Electrician Apprentice		DWR POSITION NUMBER 2XXX-6457-X8X	SAP POSITION NUMBER 5000xxxx	MCR 1
APPOINTEE Vacant		SAP PERSONNEL NO. TBD	DIVISION/SECTION O&M/Various FD Locations/Plant Maintenance	
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: R12	
RESPONSIBILITIES EXERCISED <input type="checkbox"/> Supervisory <input type="checkbox"/> Lead Person		IMMEDIATE SUPERVISOR (Print) TBD	SUPERVISOR'S CLASSIFICATION HEP Electrical Supervisor	
APPROVED BY (Personnel Analyst's Name) Jennifer Greathouse			DATE 6-21-24	
<i>Percent of Time</i>	<i>Activity</i>			
	<p>POSITION SUMMARY Under close supervision of the Hydroelectric Plant (HEP) Electrical Supervisor and the guidance of a Hydroelectric Plant Electrician I, the incumbent learns the progressively skilled work installing, repairing and maintaining electrical equipment in hydroelectric generating or pumping plants located at Oroville, Delta, San Luis, San Joaquin, or Southern Field Divisions; and to do other related work.</p> <p>ESSENTIAL FUNCTIONS: This position requires that the incumbent work cooperatively with others, adjust priorities based on operational need, maintain regular, consistent, predictable attendance, and exercise good judgment. Incumbent will learn the basic functions of SAP. Must be able to use electronic devices such as a mobile tablet to gather data and capture documentation while performing preventative maintenance work on equipment throughout the state water project. The essential functions are, but not limited to the following:</p>			
50%	Learns to disassemble, repair and reassemble motors, generators, large power transformers, circuit breakers, disconnect switches, voltage regulators and power switchboards and other electrical equipment. Learns electrical troubleshooting and to diagnose trouble under emergency conditions. Learns to test, service and maintain storage batteries and air-conditioning systems. Learns to install conduit, pull wire and to do control board wiring. Learns the fundamentals of rigging and how to operate cranes. This will require traveling by vehicle on public roadways to remote areas within the Field Division.			
35%	Receives training in the installation, repair, and maintenance of wiring circuits for electrical equipment, motors, generators, control devices, and cathodic protection. This will require traveling by vehicle on public roadways to remote areas within the Field Division.			
15%	Participates in classroom instruction and home study in a scheduled program and after home study in trade-related classes as necessary which may require traveling by vehicle on public roadways to			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print) TBD		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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	<p>remote areas. Apprentice is periodically tested to check progress in preparation for promotion to Hydroelectric Plant Electrician I.</p> <p>SPECIAL REQUIREMENTS</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>Stamina to climb stairs, ladders, scaffolding, and 50-foot towers. Strength to pull cables and move gas cylinders, tools, equipment, or heavy parts up to 50 pounds. Able to identify color-coded wires, indicating lights, piping systems, and hazard warning signs. Manual dexterity needed to use hand tools, solder, and terminate electrical connections. Ability to stoop, bend, kneel, and work in confined spaces. Must be available for off-peak operations, maintenance or emergency repairs.</p> <p>This is a sensitive position and is subject to substance abuse testing set forth in California Department of Human Resources (Cal-HR) Regulations 599.960-599.966.</p> <p>Must possess a valid California Driver's License to travel from plant to plant and within the State Water Project including driving a vehicle on public roadways will be required.</p> <p>Employee is required to successfully complete all safety training related to the functions of the job.</p> <p>This position is not eligible for telework.</p> <p>Must be able to work irregular or extended hours and respond to call backs when operational needs require work to be performed on an overtime basis. This position requires the incumbent be able to travel and be away from home for extended periods of time.</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, flood, dam, State Water 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 California Office of Emergency Services and Federal Emergency Management Agency 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>		