

JOB DESCRIPTION AND POSITION CLASSIFICATION

CLASSIFICATION Hydroelectric Plant Mechanic II (SDS)		DWR POSITION NUMBER 2240-6454-085	SAP POSITION NUMBER 50002825	MCR 1
APPOINTEE Vacant		SAP PERSONNEL NO. TBD	DIVISION/SECTION O&M/Oroville Field Division/Plant Maint. Branch	
COLLECTIVE BARGAINING IDENTIFIER Management Related BU: ☐ Supervisory Related BU: ☐ Confidential Related BU: ☒ Rank and File BU: R12				
RESPONSIBILITIES EXERCISED ☐ Supervisory ☒ Lead Person		IMMEDIATE SUPERVISOR (Print) Ron Brault		SUPERVISOR'S CLASSIFICATION HEP Mechanical Supervisor
APPROVED BY (Personnel Analyst's Name) Jennifer Greathouse				DATE 9-2-26
<i>Percent of Time</i>	<i>Activity</i>			
	POSITION SUMMARY: Under the direct supervision of the Hydroelectric Plant (HEP) Mechanical Supervisor, the Hydroelectric Mechanic II directs and guides the HEP Mechanic I's and HEP Mechanical apprentices in performing mechanical maintenance and repair work on hydroelectric generating or pumping plant equipment and associated State Water Project facilities. Required by workload to be a working leadperson.			
	ESSENTIAL FUNCTIONS: This position requires that the incumbent work cooperatively with others; maintain regular, consistent, predictable attendance, adjust priorities based on operational need and exercise good judgment. 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. Use mobile tablet to perform routine SAP functions such as time recording, reservations and work order notifications. The specific essential duties are, but not limited to, the following:			
40%	Exercises lead responsibility and work with a crew engaged in the installation, maintenance and reconditioning of all mechanical equipment in a hydroelectric plant and aqueduct systems, including but not limited to piping systems, gear boxes, drive mechanisms, pumps, compressors, hydraulic power and pressure units, refrigeration and air conditioning systems, valves, penstocks, gates, trash racks, turbines, motors, generators, various mechanical meters and cranes. May work alone on Preventative Maintenance Plans (PMP) or alongside another journey level person or apprentice from other discipline that require multiple craft assignments.			
30%	Directs the adjusting, testing and servicing of various mechanical meters, make rough sketches and prepares estimates of job costs, advise in the selection of mechanical materials used. Inspects the malfunction of mechanical systems and determines corrective action to be taken. Performs major repairs to existing equipment, installation of new equipment, major changes and modifications to equipment. Performs on-site machining of equipment such as machining bottom			
SUPERVISOR'S STATEMENT: I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.				
SUPERVISOR'S NAME (Print) Ron Brault		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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15%	rings, facing plates, discharge rings, draft tube liners and upper/lower stay rings, line boring, wicket gate bores, coupling boring of turbine and generator shafts, valve seals, flange faces, and valve trunnions. Performs several various types of welding processes such as tig, stick, and mig.				
10%	Performs administrative tasks for the unit, which includes furnishing data to the HEP Mechanical Supervisor, such as requisitions, recording of time, project status updates and parts/materials needed for the operation of the section. Arrange and coordinate transportation of tools, personnel and equipment to future jobs.				
5%	Works with Planner Scheduler Team and HEP Mechanical Supervisor to schedule contractors for upcoming projects. Report on efficiency of mechanics and machinists to management. Prepares estimates of future machining and mechanical work. Should be able to read schematics and flow diagrams and work from plans and specifications.				
	Assist HEP Mechanical Supervisor with training journey level persons and apprentices on the current code of safe work practices, keeps records and prepares reports. Must be familiar with the safety procedures and precautions required to work on hazardous metals, gases, solids and liquids.				
	SPECIAL REQUIREMENTS: 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. Employee must possess normal or corrected hearing and vision, ability to identify color correctly, and possess a good sense of smell. Stamina to climb stairs, ladders, scaffolding, and 50-foot towers; move gas cylinders, tools, equipment or parts up to 75 pounds; access bridge cranes approximately 30' above floors and hydraulic systems approximately 100' below ground level; manual dexterity to weld, operate hand/power tools, assemble/repair equipment, and operate machine shop tools; finger dexterity to perform precision measurements with micrometers, thread small nuts/bolts; ability to stoop, bend, kneel, and work in confined and/or elevated spaces; ability to identify color coded piping systems, indicating lights, and hazard warning signs. Required to attend the Division's OP2 class and be certified as a worker and/or switch person, in compliance with the SWP regulations. This is a sensitive position and subject to substance testing set forth in California Department of Human Resources (CalHR) Regulations 599.960-599.966. Must possess a valid California Driver's License as travel within the Field Division and along the State Water Project is required. Employee is required to successfully complete all safety training related to the functions of the job.				

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	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. This position is not eligible for telework. Should have thorough knowledge of the safety orders of the Industrial Accident Commission dealing with electrical, welding, which includes appropriate certifications, rigging, crane operating, and mechanical systems. 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, 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.			