HYDRO MAINTENANCE WORKER
Bargaining Unit Position

Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are not intended to reflect all duties performed within the job.

DESCRIPTION:
Under general direction of the Working Foreman, performs duties associated with the operation, maintenance, and repair of water supply, flood control, hydroelectric and recreation facilities, and their various related components of the Yuba Water Agency’s facilities. The Hydro Maintenance worker may supervise temporary/seasonal workers.

DISTINGUISHING CHARACTERISTICS:
The Hydro Maintenance Worker is a journey-level technical classification. Employees in this level receive only occasional instruction or assistance as new, unusual or unique situations arise and are fully aware of the operating procedures and policies within the work unit. The Hydro Maintenance Worker must perform his/her duties in a manner that reflects positively on the Yuba Water Agency, supports strong safety culture and meets the missions of the agency of flood control, water supply, fishery enhancement, recreation and hydroelectric generation. The Hydro Maintenance Worker may act as a lead to the Utility Worker(s) and filling for the Hydro Construction Project Coordinator when requested.

EXAMPLES OF ESSENTIAL DUTIES:
This class description lists the major duties and requirements of the job and is not all-inclusive. Not all duties are necessarily performed by each incumbent. Incumbents may be expected to perform job-related duties other than those contained in this document and may be required to have specific job-related knowledge and skills to perform other duties as assigned.

- Performs general maintenance work to facilities and equipment related to dams and hydroelectric plants.
- Assists other mechanical, electrical and communications personnel.
- Operates agency mobile cranes or rental cranes with appropriate certification to perform required maintenance, usually found on hydroelectric facilities.
- Operates a backhoe, crawler, tractor, forklift, large trucks, equipment trailers and other motorized equipment and boats.
- Operates a wide variety of hand and power tools used in this classification.
- Performs lake and intake structure cleaning.
- May operate valves under direction.
- Reads and records data collected in the performance of routine inspections and maintenance activities.
- Performs general maintenance work involving roads, ditches, buildings, structures, pipelines, grounds, fences and gates.
- Performs pre-operation maintenance tasks to light and heavy equipment.
- Pumps portable restrooms on and off the lake and dispose of effluent using agency equipment.
- Works on the lake using pond boats to gather and store debris in pods.
- Works in confined spaces with appropriate certification and training to clean water storage tanks, vaults and similar apparatus.
- May be required to lead a crew of two or more in construction or maintenance activities.
- Builds and maintains positive working relationships with co-workers, other agency employees, government entities, contract providers and the public using principles of good customer service.
- Regular attendance and adherence to prescribed work schedule to conduct job responsibilities.
- Performs related duties as required.

KNOWLEDGE OF:
• Construction and maintenance practices.
• Good safety and first aid practices.
• Principles of safely working with hydroelectric, water treatment and power plant dams and equipment.
• General building codes.
• Boater safety and off-road vehicle use.

SKILLED IN:
• Print reading and ability to work from prints.
• Painting, rigging, carpentry, concrete work and plumbing.
• Organizing work, setting priorities, meeting critical deadlines, and following up assignments with minimum direction.
• Communicating clearly and concisely, both oral and written.
• Troubleshooting water treatment plant systems and resolving water treatment plant related issues.
• Driving in mountainous terrain, off-road, including icy and snowy conditions.

ABILITY TO:
• Cut and set grade on new roads and building pads.
• Accurately read gauges, dials, and recorders and the mathematical skill to perform routine power and water plant operation calculations.
• Analyze and organize jobs.
• Read complex drawings and documents and then make recommendations for the operation and repairs to equipment related to the water treatment plant (if employee has proper certification, such as D2-T2)
• Read, understand and support development of technical specifications to support agency contracting.
• Observe and accurately report conditions, both verbally and in writing.
• Analyze equipment and system problems and develop appropriate solutions.
• Keep complete and accurate records.
• Understand and follow instructions, both oral and written, and be able to make decisions and take appropriate action when necessary.
• Work independently with little or no direct supervision at times, using initiative and independent judgment within the appropriate supervision guidelines.
• Communicate effectively with co-workers.
• Identify hazards in the workplace and prepare a Job Hazard Analysis (JHA).
• Be comfortable working alone in remote locations.
• Build and maintains positive working relationships with co-workers, other agency employees, government entities, contract providers and the public using principles of good customer service.
• Perform related duties as required.

Note: * Water Treatment and Distribution duties, knowledge, skill, and ability requirements shall not apply to employees who do not possess the D2-T2 certification. Employees who possess the D2-T2 certification shall be paid at the D2-T2 rate in Appendix B.

PHYSICAL DEMANDS AND WORKING ENVIRONMENT:
The conditions herein are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential job functions.

Environment: Work is performed in both inside and field settings, with some travel from site to site, with all types of weather and temperature conditions; exposure to noise, dirt, dust, traffic, electrical energy, and high voltage; may work irregular hours; work and/or walk on various types of surfaces including slippery or uneven
surfaces and rough terrain; frequent opportunity and requirements to interact with the general public and property owners, contractors, suppliers and state, federal, county and other public agencies.

**Physical:** Primary functions require sufficient physical ability and mobility to work in an office setting and in a field environment; to stand or sit for prolonged periods of time; to occasionally stoop, bend, kneel, crouch, reach, and twist; walk on uneven terrain, loose soil, and sloped surfaces; to lift, carry, push, and/or pull light to moderate amounts of weight, up to but not limited to 50 pounds, in accordance with safe working practices; if lifting more than 50 pounds use two or more people to lift load; to operate office equipment requiring repetitive hand movement and fine coordination including use of a computer keyboard; to travel to other locations; to operate equipment and vehicles, and to verbally communicate to exchange information. Must be able to climb ladders, climb multiple flights of stairs; have dexterity to climb in and out of, and ability to work in close quarters. Requires the use of safety hats, belts, harnesses, face guards, safety glasses and goggles, safety shoes, protective clothing including Arc Flash/FR clothing, ear protection, and other safety equipment, where necessary.

**Vision:** See in the normal visual range with or without correction.

**Hearing:** Hear in the normal audio range with or without correction.

**MINIMUM QUALIFICATIONS:**
The minimum and preferred requirements are listed below. While the following requirements outline the minimum qualifications, the agency reserves the right to select applicants for further consideration who demonstrate the best qualifications and match for the job. Meeting the minimum qualifications does not guarantee further participation in the selection process.

**Education/Training:**
Graduation from high school or equivalent. Experience in the field of construction project coordination is highly desired.

**Experience:**
Two years minimum experience in the field of maintenance and repair of equipment. Experience in systems similar to that found in the agency’s power project preferred.

**License or Certificate:**
The ability to obtain and maintain a valid California Class A Driver License and Crane Operator’s certificate within six (6) months of employment. If an employee has the D2-T2 certification, they shall be paid at the D2-T2 rate.

**SPECIAL REQUIREMENTS:**
This position is subject to call out and must reside close enough to travel to Colgate Powerhouse within one hour. If the Crane Operator’s certificate lapses, the employee will be immediately re-classified to Utility Worker until the certificate is active again. If the D2 or T2 certification lapses, the employee will be paid at the lower hydro maintenance worker rate and not the higher D2-T2 hydro maintenance worker rate until both certificates are active again. Once a Class A Driver License is obtained, complete DMV random pull requirements as required by Department of Transportation (DOT). This position is required to register with the Clearinghouse through Federal Motor Carrier Safety Administration (FMCSA) and participate in the random drug testing program, as required by DOT.

**POST OFFER/PRE-EMPLOYMENT PHYSICAL:**
Employment is subject to passing a physical examination, including a drug test, and a pre-employment background check.

<table>
<thead>
<tr>
<th>Classification</th>
<th>Adopted</th>
<th>Revised</th>
<th>Retitled</th>
<th>FLSA</th>
</tr>
</thead>
</table>

---
<table>
<thead>
<tr>
<th>Position</th>
<th>Date</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydro Maintenance Worker</td>
<td>Apr 2019</td>
<td>Non-exempt</td>
</tr>
<tr>
<td>Hydro Maintenance Worker (salary update)</td>
<td>Jul 2019</td>
<td>Non-exempt</td>
</tr>
<tr>
<td>Hydro Maintenance Worker (salary update)</td>
<td>Jul 2020</td>
<td>Non-exempt</td>
</tr>
<tr>
<td>Hydro Maintenance Worker</td>
<td>Mar 2021</td>
<td>Non-exempt</td>
</tr>
</tbody>
</table>