



SENIOR HYDROELECTRIC PLANT OPERATOR

EXAM CODE: 2WRAG
EXAM TYPE: DEPARTMENTAL PROMOTIONAL/CONTINUOUS
LOCATION: STATEWIDE
SALARY INFORMATION: \$7037 - \$8724
CLASS & SCHEM CODE: 6462 PM10



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EQUAL OPPORTUNITY & DRUG FREE STATEMENTS

The State of California is an equal opportunity employer to all, regardless of age, ancestry, color, disability (mental and physical), exercising the right to family care and medical leave, gender, gender expression, gender identity, genetic information, marital status, medical condition, military or veteran status, national origin, political affiliation, race, religious creed, sex (includes pregnancy, childbirth, breastfeeding and related medical conditions), and sexual orientation. It is the objective of the State of California to achieve a drug-free work place. Any applicant for State employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the State, the rules governing civil service and the special trust placed in public servants.

CONTINUOUS TESTING

Testing is considered continuous as Examination Applications (STD 678) will be accepted on a continuous basis and cut-off dates can be set at any time as departmental needs warrant. Cut-off dates will be announced on the "Notice of to Announce Cut-off Date." Applications postmarked or submitted in person after 4:30pm on the cut-off date will be held until the next administration. Dates printed on Mobile Bar Codes, such as the Quick Response (QR) Codes available at the USPS, are not considered Postmark dates for the purpose of determining timely filing of an application. Faxed or emailed applications will not be accepted.

WHO SHOULD APPLY

Applicants must meet the minimum qualifications and have a permanent civil service appointment with the Department of Water Resources as of the cut-off date or must be:

- 1) A current or former employee of the Legislature for two or more years as defined in government code (GC) section 18990; OR
- 2) A current or former non-elected exempt employee of the executive branch with two or more consecutive years (excluding those positions for which salaries are set by statute) as defined in GC section 18992; OR
- 3) Persons retired from the United States military, honorably discharged from active military duty with a service-connected disability, or honorably discharged from active duty as defined in GC section 18991. Persons applying using Veteran's experience must submit a copy of their DD214 along with their Examination Application (STD 678).

HOW TO APPLY

Examination Applications must have an original signature. It is the personal responsibility of each examination candidate to submit their application materials within the timeframe and in the manner specified on this examination bulletin. Examination Applications (STD 678) may be mailed or submitted in person by the cut-off date to:

MAILING ADDRESS:
Department of Water Resources
P.O. Box 942836
Sacramento, CA 94236-0001

OR

SUBMIT IN PERSON:
Department of Water Resources
1416 9th Street, Room 320
Sacramento, CA 95814



DO NOT MAIL OR SUBMIT APPLICATIONS TO THE CALIFORNIA DEPARTMENT OF HUMAN RESOURCES OR DEPARTMENT OF WATER RESOURCES' FIELD OFFICES. Applications are available at Department of Water Resources' (DWR) offices, the DWR website: www.water.ca.gov/jobs/currentexams.cfm, local office of the Employment Development Department, the California Department of Human Resources (CalHR), and their website: www.jobs.ca.gov.

IDENTIFICATION REQUIRED

Accepted applicants are required to bring either a photo identification card or two forms of signed identification to each phase of the examination.

SPECIAL TESTING INFORMATION

If you have a disability and need special testing arrangements, mark the appropriate box in Question 2 of the Examination Application (STD 678). You will be contacted to make specific arrangements.

ELIGIBLE LIST INFORMATION

A departmental promotional merged list will be established for the Department of Water Resources. Successful competitors will be merged onto the list in order of final score, regardless of date. The successful competitors' list eligibility will expire 24 months after it is established unless the needs of the service and conditions of the list warrant a change in this period. Competitors must then retest to reestablish eligibility.

TESTING PERIOD

Competitors may test only once during a 12 month period.

EXAMINATION INFORMATION

This examination will consist of a **Qualification Appraisal Interview with a Written Exercise weighted 100%**. In order to obtain a position on the eligible list, a minimum rating of 70% must be attained. Competitors who do not appear for the interview will be disqualified.

POSITION DESCRIPTION

A Senior Hydroelectric Plant Operator starts, synchronizes, regulates, stops and secures generators and pumping units. Additional responsibilities include: controls aqueduct flow by remotely controlled checks and turnouts; monitors or operates a digital process controller for actual control and/or optimization of plant and aqueduct output and flow; opens and closes circuit breakers, disconnects and grounds switches, and tests for feedback; prepares and issues intraplant clearances; makes decisions regarding safe working conditions and enforces compliance with safety regulations; ensures that schedules of water releases, pumping and generation are carried out; maintains a station log; records and reports on operations; calculates power and water flows as necessary to complete assigned schedules; implements general policy and procedural directives from the Chief Hydroelectric Plant Operator or Hydroelectric Plant Operations Superintendent; receives operating orders and other directives from Control Central; coordinates with interconnecting utilities for load changes and with other zones; and trains subordinates.

REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION

NOTE: All applicants must meet the minimum qualifications for this examination by the cut-off date.

Qualifying experience may be combined on a proportionate basis if the requirements stated below include more than one pattern and are distinguished as "Either" I, "or" II, "or" III, etc. For example, candidates possessing qualifying experience amounting to 50% of the required time of Pattern I, and additional experience amounting to 50% of the required time of Pattern II, may be admitted to an examination as meeting 100% of the overall experience requirement.

Either I

Two years of experience in the California State service performing the duties of a Hydroelectric Plant Operator.

Or II



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Four years of progressively responsible operations experience in one or a combination of the following: hydroelectric generating plants; large (at least 25,000 HP) pumping plants; high voltage switching and clearances in large (at least 100 MW) steam plants. (Experience in substations or switching yards of at least 230 KV may be substituted for 2 years of the required experience.)

SCOPE OF EXAMINATION

In addition to evaluating the competitors' relative abilities as demonstrated by the quality and breadth of experience, emphasis in the examination will be on measuring competitively, relative to job demands, each competitor's:

Knowledge of:

- 1) Functional characteristics of generating and pumping units and auxiliary machinery, busses, switches, control circuits, valves, checks, reservoirs, spillways, metering and other water control devices.
- 2) Fundamentals of electricity, hydraulics and hydrology.
- 3) Principles of effective supervision.

Ability to:

- 1) Read and write English at a level required for successful job performance.
- 2) Operate manual and automated control systems.
- 3) Plan and direct the work of others.
- 4) Analyze situations accurately and take effective action.
- 5) Write reports.

SPECIAL PHYSICAL REQUIREMENTS

Normal sense of smell and hearing.

ADDITIONAL DESIRABLE QUALIFICATIONS

Education equivalent to completion of the twelfth grade.

VETERANS PREFERENCE

Veterans Preference is not granted in promotional examinations.

CAREER CREDITS

Career Credits are not granted in open or promotional examinations.

GENERAL INFORMATION

The Department of Water Resources reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all competitors will be notified.

For an examination with a written feature, it is the candidate's responsibility to contact the Department of Water Resources seven days prior to the test date if he/she has not received his/her notice. For an examination without a written feature it is the candidate's responsibility to contact the Department of Water Resources at (916) 653-4838, TDD (916) 653-1804, three weeks after the final filing/cut-off date if he/she has not received his/her notice.

Applications are available at Department of Water Resources' (DWR) offices, the DWR website:

www.water.ca.gov/jobs/currentexams.cfm, local office of the Employment Development Department, and California Human Resources (CalHR) at www.jobs.ca.gov.

If you meet the requirements stated on the reverse, you may take this examination, which is competitive. Possession of the entrance requirement does not assure a place on the eligible list. All candidates who pass will be ranked according to their scores.

General Qualifications: Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the classification.

Examination Locations: When a written or performance test is part of the examination, it will be given in such places in California as the number of candidates and conditions warrant. Ordinarily, qualifications appraisal interviews are scheduled in Sacramento and Los Angeles. However, locations of interviews may be limited or extended as conditions warrant.

If a candidate's notice of oral interview fails to reach him/her prior to the day of the interview due to a verified postal error, he/she will be rescheduled upon written request.

Eligible Lists: Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) subdivisional promotional, 2) departmental promotional, 3) multidepartmental promotional, 4) servicewide promotional, 5) departmental open, 6) open eligible list. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in one to four



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years unless otherwise stated on this bulletin. In the case of continuous testing examinations, names are merged into the appropriate lists in order of final test scores (except as modified by veterans preference credits) regardless of the date of the test, and the resulting eligible lists will be used only to fill vacancies in the area shown on the bulletin.

Promotional Examinations Only: Competition is limited to employees who have a permanent civil service appointment. Under certain circumstances other employees may be allowed to compete under provisions of Rules 234, 235, 235.2. State Personnel Board Rules 233, 234, 235, 235.2 and 237 contain provisions regarding civil service status and eligibility for promotional examinations. These rules may be reviewed at departmental personnel offices or at the Information Counter of State Personnel Board offices.

TDD is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TDD Device. **California Relay Telephone Service** for the Deaf or hearing impaired: From TDD phones: 1-800-735-2929; From Voice phones: 1-800-735-2922.

CONTACT INFORMATION

For information regarding this examination, please contact Selection Services at (916) 653-4838.