



Senior Utilities Engineer (Specialist)

Open - Continuous Examination

CPUC

California Public Utilities Commission

Exam #: 5UCSP

Class Code: 3510

Min. Salary: \$9,390/month

Max Salary: \$11,753/month

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 AN OBJECTIVE OF THE STATE OF CALIFORNIA TO ACHIEVE A DRUG-FREE STATE 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 SERVICE.

HOW TO APPLY

You may access the online application at: <http://www.cpuc.ca.gov/PUC/jobs/>

If you have a disability and need special testing arrangements, mark the appropriate box on question 2 of the "Examination and/or Employment Application." We will contact you to make specific arrangements that are convenient for you in advance of the examination.

WHEN MAY APPLICATIONS BE FILED

The testing office accepts applications continuously. Testing occurs in approximately the same month every year. This examination is administered QUARTERLY, although this is subject to change based on testing needs. Applications received after the cut-off date will not be processed until the next administration.

Cut-off Dates:

March 15, 2019

June 14, 2019

September 13, 2019

December 13, 2019

Do not submit your application to the California Department of Human Resources (CalHR).

THE POSITION – General Description

Under general direction, a **Senior Utilities Engineer (Specialist)** serves as a high-level specialist performing very complex engineering duties requiring specialized knowledge and abilities pertaining to public utilities and transportation regulation; and does other job-related work.

JOB LOCATION

The exam covers positions located in Los Angeles, Sacramento and San Francisco, CA.

REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION - MINIMUM QUALIFICATIONS

All applicants must meet the education and/or experience requirements for this examination by the cut off date established by the testing office.

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 in Pattern I, and additional experience amounting to 50% of the required time in Pattern II, may be admitted to an examination as meeting 100% of the overall experience requirement.

Possession of a valid certificate of registration as an engineer issued by the California State Board of Registration for Professional Engineers.

And

Either I

One year of experience in the California state service performing the duties equivalent to those of an associate level engineer or Utilities Engineer, Range D.

Or II

Experience: Five years of professional engineering experience with a gas, electric, telecommunications, water, sewer, steam, or pipeline utility, railroad, or transportation company; or with an industry or firm involving familiarity with the operation of a public utility or a transportation system; or with a transportation or public utility regulatory agency. At least two years of this experience shall have involved independent responsibility for a wide variety of technical engineering investigations and reports equivalent in responsibility to that of an associate level engineer in the California state service.

NOTE: Professional engineering experience is defined as actual work experience gained after graduation from a four-year college or university with a degree in an engineering curriculum.

EXAMINATION INFORMATION

This examination will consist of a Training and Experience Assessment weighted 100%. To obtain a position on the eligible list, a minimum rating of 70.00% must be attained in the Assessment.

Applicants who meet the minimum qualifications will be sent an e-mail with a link to a Training and Experience Assessment Questionnaire, which is designed to identify a range of information regarding each candidate's knowledge, skills, abilities and experience to effectively perform the duties required in the classification.

Candidates must complete and return the questionnaire to a designated email address by the date specified in the notice in order to be rated. Candidates failing to return the questionnaire by the specified date shall be eliminated from the rating process.

The PUC reserves the right to modify the selection process as necessary to conform to administrative or business necessity.

TRAINING AND EXPERIENCE ASSESSMENT – WEIGHTED 100%

Scope of the Training and Experience Assessment Questionnaire may include:

Knowledge of:

1. California Public Utilities Code and General Orders.
2. Trends, issues, State and Federal requirements and basic court decisions affecting public utilities and transportation regulation.
3. Traditional rate-making procedures based on the evaluation and analysis of transportation or stationary utility properties including the development of, depreciation, unit costs, taxes, rate base, revenues, expenses, and rate of return/operating ratios as well as performance-based and incentive rate-making mechanisms.
4. Engineering terminology, fundamentals, mathematics, and economics.
5. Physical properties of transportation or stationary utilities and standards of service, reliability, and safety.
6. Materials and methods of engineering construction.
7. Engineering mathematics.
8. Procedures of conducting hearings before the California Public Utilities Commission and other regulatory agencies.

Ability to:

1. Read and understand technical material (e.g., testimony supporting formal utility filings, utility maintenance and operation procedures, advice letters from utilities, etc.).
2. Comprehend and interpret engineering documents (e.g., reports, blueprints, applications, etc.).
3. Pay close attention to detail and analyze situations accurately based on observations or other evidence.
4. Conduct root cause analysis to determine the source(s) of problems.
5. Evaluate possible actions and alternatives to address problems and propose solutions.
6. Translate technical or other complex material into common language.
7. Edit and/or proofread documents (i.e. check for spelling, grammar, sentence structure, logical order of ideas, etc.).
8. Conduct interviews in a way that yields valid and detailed information.
9. Testify on results of completed studies and/or findings at a formal hearing.
10. Negotiate fair resolutions when differences of opinion and/or position occur.
11. Work collaboratively with a group or team in an effort to achieve a common goal. Includes foregoing self-interests for the good of the team, fostering commitment from other team members to a group goal, and actively participating in the group.

ELIGIBLE LIST INFORMATION

A list of eligible candidates will be established for the California Public Utilities Commission. Names of successful candidates will be merged onto the list in the order of final scores regardless of dates. Eligibility expires 18 months after it

is established. Candidates must then reapply to retest, to reestablish eligibility. Candidates **may only test once during a 12-month period.**

Veterans' Preference: Will be awarded in this examination, pursuant to Government Code Section 18973.1 and 18973.5, effective January 1, 2014, as follows:

1. Any veteran, widow or widower of a veteran, or spouse of a 100 percent disabled veteran, who achieves a passing score in an entrance examination, shall be ranked in the top rank of the resulting eligibility list. Any veteran who has been dishonorably discharged or released is not eligible for veterans' preference.
2. An entrance examination is defined, under the law, as any open competitive examination.
3. Veterans' Preference is not granted once a person achieves permanent civil service status.

GENERAL INFORMATION

The California Public Utilities Commission 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 law and rules and all competitors will be notified.

For an examination with a written feature, it is the candidate's responsibility to contact the California Public Utilities Commission three days prior to the written test date if he/she has not received his/her notice of appointment.

For an examination without a written feature, it is the candidate's responsibility to contact the California Public Utilities Commission three weeks after the final filing date if he/she has not received his/her notice.

If a candidate's notice of oral interview or performance test fails to reach him/her 3 days prior to their scheduled appointment due to a verified postal error, he/she will be rescheduled upon written request.

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

Applications are available at the State Personnel Board office, local offices of the Employment Development Department, and in the Human Resources Office of the California Public Utilities Commission.

If you meet the requirements stated on this bulletin, you may take this examination, which is competitive. Possession of the entrance requirement does not assure a place on the eligible list. Your responses in the examination described on this bulletin will be rated against a predetermined job-related rating, and all candidates who pass will be ranked according to their scores.

Candidates needing special testing arrangements due to a disability must mark the appropriate box on the application and/or contact the testing department.

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 class. A medical examination may be required. In open examinations, investigation may be made of employment records and personal history and fingerprinting may be required.

Eligible Lists: Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) sub-divisional promotional, 2) departmental promotional, 3) multi-departmental promotional, 4) service-wide promotional, 5) departmental open, 6) open. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in one to four years unless otherwise stated on the bulletin.

If Promotional Examinations Only: Competition is limited to employees who have a permanent civil service appointment and military veterans that meet all the minimum qualifications. Under certain circumstances, other employees may be allowed to compete under provisions of Rules 234, 235, and 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, at the State Personnel Board office or jobs.ca.gov.

If High School Equivalence is Required: Equivalence to completion of the 12th grade may be demonstrated in any one of the following ways: 1) passing the General Educational Development (GED) Test; 2) completion of 12 semester units of college work; 3) certification from the State Department of Education, a local school board, or high school authorities that the candidate is considered to have education equivalent to graduation from high school; 4) for clerical and accounting classes, substitution of business college work in place of high school on a year-for-year basis.

College Education: The qualifications meeting the requirement "Equivalent to graduation from college" means satisfaction of the requirements for the bachelor's degree from an accredited, recognized institution of higher education. This means the applicant must show receipt of a bachelor's degree. Acceptable college course work must be from an

accredited, recognized institution approved by the California Superintendent of Public Instruction under the provisions of California Education Code Section 94712.

Veterans' Preference Points: The California Department of Human Resources (CalHR) has information on how to apply for Veterans' Preference on their website at jobs.ca.gov and on the Application for Veterans' Preference form (CalHR 1093). Additional information is also available at the Department of Veterans Affairs website at <https://www.calvet.ca.gov/>.

TTY is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TTY Device. Calls may be placed using the following relay system.

California Relay Telephone Service for the Deaf or Hearing Impaired:

From TDD phones 1-800-735-2929 or from voice phones 1-800-735-2022

CALIFORNIA PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
San Francisco, CA 94102
Phone: 1-800-555-7809

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