



OPEN EXAMINATION
SANITARY ENGINEER
CONTINUOUS TESTING

HZ15 / 3848 7H1CD



California State Government supports equal opportunity to all regardless of race, color, creed, national origin, ancestry, gender, marital status, disability, religious or political affiliation, age, or sexual orientation. It is an 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.

WHO SHOULD APPLY: Persons who meet the minimum qualifications (entrance requirements) as stated on this announcement may take this examination, which is competitive.

HOW TO APPLY: To learn more about the job and testing arrangements, contact the testing office shown below. Applications are available through the <http://www.spb.ca.gov/jobs/stateapp.htm> and at the testing office shown below. Applications may be filed in person or by mail with:

In Person: DEPARTMENT OF PUBLIC HEALTH (916) 552-9212
1501 Capitol Avenue, Suite 71-1501
Mail to: MS-1700
PO Box 997378
Sacramento, CA 95899-7378

DO NOT SUBMIT APPLICATIONS TO THE STATE PERSONNEL BOARD

SPECIAL TESTING INFORMATION: If you have a disability that requires accommodation, mark the appropriate box on the application Form STD. 678. You will be contacted to make specific arrangements.

FINAL FILING DATE: There is no final filing date. Testing is considered continuous as dates can be set at any time. The testing office will accept applications continuously and will notify and test applicants as needs warrant.

TESTING PERIOD: A candidate may be tested only once during a 12 month period.

SALARY RANGES: In addition to the salary listed below, this position receives a monthly Recruitment and Retention pay differential of \$200.

Range A: \$4279 - \$4953 per month This range shall apply to incumbents who do not meet the criteria for payment in Range B.

Range B: \$4899 - \$5951 per month This range shall apply to incumbents who have satisfactorily completed: (1) the equivalent to twelve months of Sanitary Engineer, Range A experience; or (2) who have one year of professional experience in sanitary engineering, water quality engineering, environmental, or a closely related field; or (3) who possess a Master's Degree in Engineering with specialization in environmental engineering, water resources, sanitary, or related engineering option. (Candidates who are pursuing graduate work towards a master's degree must receive the degree before they will be considered eligible for appointment to this range.)

WRITTEN TEST DATE: Written test dates will be set as needed.

QUALIFICATION APPRAISAL PANEL DATE: Interview dates will be set as needed.

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

POSITION DESCRIPTION: This is the entry and first journey level engineers. Staff assigned to Range A perform the less difficult sanitary engineering work on domestic water supply and waste disposal systems, waste management, and other related activities. Incumbents advancing to Range B perform sanitary engineering assignments of average difficulty.

Positions exist with the Department of Public Health statewide.

REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION: It is your responsibility to make sure you meet the education and/or experience requirements stated on this announcement on the date you submit your application. Your signature on your application indicates that you have read, understood, and possess the basic qualifications required.

NOTE: Applications/resumes **must** include "to" and "from" dates (month/day/year), time base, civil service class title(s), and range (if applicable) for all work experience. College course information **must** include title, number of semester or quarter units, name of institution, completion dates, and degree (if applicable).

Applications/resumes received without this information will be rejected.

MINIMUM QUALIFICATIONS: Equivalent to graduation from a curriculum accredited by the Accreditation Board for Engineering and Technology with major work in sanitary, environmental, chemical, civil, technical, or a related engineering field. Possession of equivalent qualifications may be demonstrated by graduation from an environmental, sanitary, chemical, or civil engineering curriculum, which includes the basic engineering courses normally required in a standard four-year engineering curriculum, and by qualifying in a written examination covering sanitary engineering. (Registration as a Senior in such a curriculum will admit the applicant to the examination, but the applicant must produce evidence of graduation before he/she will be considered eligible for appointment.) (Possession of a valid certificate as an engineer-in-training as issued by the California State Board of Registration for Professional Engineers may be substituted for the required education.)

EXAMINATION INFORMATION: The examination will consist of a written examination weighted 50% and a qualification appraisal interview weighted 50%.

Candidates who meet the requirements for admittance to the examination (minimum qualifications) will be scheduled to a written test. Competitors who do not appear for the written test will be disqualified and eliminated from the examination process. If a candidate's notice of written test fails to reach him/her before the scheduled testing date due to a verified postal error, he/she will be rescheduled upon written request.

The interview will include a number of predetermined job-related questions. Competitors who do not appear for the interview will be disqualified and eliminated from the examination process. If a candidate's notice of interview fails to reach him/her before the scheduled interview date due to a verified postal error, he/she will be rescheduled upon written request.

The Department of Public Health 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.

WRITTEN SCOPE: In addition to evaluating the candidate's relative abilities as demonstrated by quality and breadth of experience, emphasis will be placed on measuring, relative to job demands, each competitor's:

1. Sanitary engineering principles and practices.
2. Principles and practices of environmental sanitation.
3. Public health principles, practices, and administrative procedures.
4. Sanitary engineering design and construction.

INTERVIEW SCOPE: In addition to evaluating the candidate's relative abilities as demonstrated by quality and breadth of experience, emphasis will be placed on measuring, relative to job demands, each competitor's:

1. Interpret laws, rules, and regulations pertaining to public health engineering and waste pollution control in California.
2. Establish and maintain cooperative relations with those contacted in the course of work.
3. Effective communication.
4. Analyze situations accurately and adopt an effective course of action.

ELIGIBLE LIST INFORMATION: Possession of the entrance requirement does not assure a place on the eligible list. In order to obtain a position on the eligibility list, a minimum rating of 70% must be attained. Names of successful competitors are merged into the open list in order of the final scores regardless of date. Eligibility expires 12 months after it is established unless the needs of the service and conditions of the list warrant a change in this period.

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, and 6) open. When there are two lists of the same kind, the older must be used first.

VETERANS PREFERENCE: Veterans preference credits will be granted in this examination since it does qualify as an entrance examination. [California law](#) limits granting of veterans preference credits to entrance examinations. Directions for applying for veterans' preference credits are provided on the Veterans Preference Application form, which is available from the State Personnel Board or the department shown on this announcement.

TDD is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TDD device.

The California Relay (Telephone) Service for the deaf or hearing impaired:

MCI from TDD: 1-800-735-2929 MCI from voice telephone: 1-800-735-2922
Sprint from TDD: 1-888-877-5378 Sprint from voice telephone: 1-888-877-5379