



Senior Industrial Hygienist

Exam Code: 0PBJC

Department: State of California

Exam Type: Servicewide, Open

Final Filing Date: Continuous

CLASSIFICATION DETAILS

Senior Industrial Hygienist – \$9,823.00 - \$13,125.00 per month

[View the Senior Industrial Hygienist classification specification](#)

APPLICATION INSTRUCTIONS

Final Filing Date: Continuous

Who Should Apply:

Applicants who meet the minimum qualifications as stated on this bulletin may apply for and take this examination.

Once you have taken this examination, you may not retake it for **nine (9) months**.

How To Apply:

The link to connect to the Training and Experience Evaluation is located farther down on this bulletin in the "Taking the Exam" section.

Special Testing Arrangements:

If you require special testing arrangements due to a verified disability or medical condition, please contact:

California Department of Human Resources
CalCareer Service Center
1810 16th Street
Sacramento, CA 95814
Phone: (866) 844-8671
Email: CalCareer@CalHR.CA.GOV

California Relay Service: 7-1-1 (TTY and voice)

TTY is a Telecommunications Device for the Deaf, and is reachable only from phones equipped with a TTY Device

MINIMUM QUALIFICATIONS

All applicants must meet the education and/or experience requirements as stated on this exam bulletin to be accepted into the examination. Part-time or full-time jobs, regardless of whether paid or volunteer positions, and inside or outside California state service will count toward experience.

Senior Industrial Hygienist

Possession of a Certificate in the Comprehensive Practice of Industrial Hygiene issued by the American Board of Industrial Hygiene, or a Certificate of Registration as a Professional Engineer issued by the California State Board of Registration for Professional Engineers. (Applicants who do not have either certificate will be admitted to the examination if they can demonstrate that they have been accepted by the appropriate board for candidacy for the certification, but they must secure the certificate before they will be considered eligible for appointment.) **AND**

Either 1

Experience: One year of experience in the California state service performing the duties of an Associate Industrial Hygienist.

Or 2

Experience: Five years of increasingly responsible professional or technical experience in identifying, evaluating, and controlling health hazards in work places, and developing, evaluating, and implementing occupational health standards. This experience shall include at least two years in an industrial hygiene position comparable in level, responsibility, and duties to that of an Associate Industrial Hygienist in the California state service. (A Master's Degree in Chemistry, Engineering, Environmental Health, Industrial Hygiene, Public Health, or a closely related curriculum may be substituted for one year of the required general experience.) **and**

Education: Equivalent to graduation from college with major work in industrial hygiene, environmental health, engineering, chemistry, biology, physics, medicine, public health, or in a field directly related to occupational health and safety. (Additional qualifying experience may be substituted for the required education on a year-for-year basis.) A Master's Degree in Industrial Hygiene or Occupational Health, acquired in a two-year master's degree program including planned work experiences, may be substituted for the two years of required general experience.

POSITION DESCRIPTION

Senior Industrial Hygienist

This is the first supervisory level. Under general direction, is responsible for an industrial hygiene program in an assigned geographic area or subject-matter function; performs the more complex industrial hygiene works; plans, assigns, and supervises the work of one or more industrial hygiene staff members in an assigned geographic area, or works independently in a staff capacity on complex industrial hygiene problems, or in

coordinating or conducting major studies and investigations; conducts site inspections; consults with management, professional, and technical personnel, and makes and secures recommendations for the prevention, elimination, or control of hazards; identifies training needs and assists in the development of training plans; reviews proposed health standards, evaluates them, and makes recommendations for their acceptance or modification; represents the department in contacts with the community, industries, and other agencies; participates in and conducts meetings with department staff and others concerning occupational health and safety matters; collects, records, and analyzes statistical data; determines priorities, assigns work, and evaluates performance of staff; prepares and reviews correspondence and reports; and does other related work.

EXAMINATION SCOPE

This examination consists of the following components:

Training and Experience Evaluation – Weighted 100% of the final score.

The examination consists solely of a **Training and Experience Evaluation**. To obtain a position on the eligible list, a minimum score of 70% must be received. Applicants will receive their score upon completion of the Training and Experience Evaluation process.

In addition to evaluating applicants' relative knowledge, skills, and ability, as demonstrated by quality and breadth of education and/or experience, emphasis in each exam component will be measuring competitively, relative job demands, each applicant's:

Knowledge of:

1. Basic principles of industrial hygiene, environmental health, and State and Federal laws, rules, and regulations on the health of industrial workers
2. Basic concepts of apparatus used to monitor and/or collect samples of substances for analysis.
3. Public health and industrial hygiene principles and practices
4. One or more phases of biological, chemical, engineering, or toxicological factors, effects, and control measures
5. Apparatus used to monitor and/or collect samples for analysis
6. Methods, techniques, and practices used in determining and eliminating health hazards in industry
7. Control of industrial health hazards
8. Special sampling techniques and related apparatus
9. Basic principles of supervision and training
10. Principles and practices of effective supervision and management of a technical staff
11. A supervisor's responsibility for promoting equal opportunity in hiring and employee development and promotion, and for maintaining a work environment that is free of discrimination and harassment

Ability to:

1. Analyze situations accurately, derive recommendations, and take effective action

2. Establish and maintain cooperative relations with those contacted in the course of the work
3. Communicate effectively
4. Prepare clear and concise reports
5. Collect and evaluate plant findings and make recommendations for the elimination or control of hazardous conditions
6. Function as a specialist in one or more phases of biological, chemical, engineering, or toxicological factor, and effects and control measures
7. Interpret and apply industrial hygiene standards
8. Independently conduct the most difficult field studies and investigations
9. Represent the department in meetings with other governmental jurisdictions, industry, and community groups
10. Train, lead, and review the work of other technical personnel
11. Evaluate proposed health standards and make recommendations for their modification or acceptance
12. Plan, organize, and direct the work of a professional staff
13. Establish and maintain liaison with Federal, State, and local agencies, and with labor, management, and public interest groups
14. Effectively promote equal opportunity in employment and maintain a work environment that is free of discrimination and harassment

ELIGIBLE LIST INFORMATION

A servicewide, open eligible list for the **Senior Industrial Hygienist** classification will be established for the State of California (all State of California departments, statewide).

The names of successful competitors will be merged onto the eligible list in order of final score regardless of exam date. Eligibility expires **twelve (12) months** after it is established. Applicants must then retake the examination to reestablish eligibility.

Veterans' Preference will be granted for this examination. In accordance with Government Codes 18973.1 and 18973.5, whenever any veteran, or widow or widower of a veteran achieves a passing score on an open examination, he or she shall be ranked in the top rank of the resulting eligible list.

Veterans status is verified by the California Department of Human Resources (CalHR). Information on this program and [the Veterans' Preference Application](#) (Std. form 1093) is available online. Additional information on veteran benefits is available at the Department of Veterans Affairs.

EXAMINATION INFORMATION

[Preview of the Senior Industrial Hygienist Training and Experience Evaluation](#)

PREPARING FOR THE EXAMINATION

Here is a list of suggested resources to have available prior to taking the exam.

Employment History: Employment dates, job titles, organization names and addresses, names of supervisors or persons who can verify your job responsibilities, and phone numbers of persons listed above.

Education: School names and addresses, degrees earned, dates attended, courses taken (verifiable on a transcript), persons or office who can verify education, and phone numbers of persons or offices listed above.

Training: Class titles, certifications received, names of persons who can verify your training, and phone numbers of persons listed above.

TAKING THE EXAMINATION

[Take the Senior Industrial Hygienist examination](#)

TESTING DEPARTMENTS

State of California (all State of California departments)

CONTACT INFORMATION

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EQUAL OPPORTUNITY EMPLOYER

The State of California is an equal opportunity employer to all, regardless of age, ancestry, color, disability (mental and physical), exercising the right of 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.

DRUG-FREE STATEMENT

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 servants.

GENERAL INFORMATION

Examination and/or Employment Application (STD 678) forms are available at the California Department of Human Resources, local offices of the Employment Development Department, and through your [CalCareer Account](#).

If you meet the requirements stated on this examination bulletin, you may take this examination, which is competitive. Possession of the entrance requirements does not assure a place on the eligible list. Your performance in the examination described in this

bulletin will be rated against a predetermined job-related rating, and all applicants who pass will be ranked according to their score.

The California Department of Human Resources (CalHR) 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 applicants will be notified.

General Qualifications: Applicants must possess essential personal qualifications including integrity, initiative, dependability, good judgement, the 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) servicewide 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.

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