



Senior Safety Engineer (Industrial)

Exam Code: 0PBEU

Department: Department of Industrial Relations

Exam Type: Departmental, Open

Final Filing Date: Continuous

CLASSIFICATION DETAILS

Senior Safety Engineer (Industrial) – \$10,559.00 - \$13,214.00 per month

[View the Senior Safety Engineer \(Industrial\) 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 assistance or alternative testing arrangements due to a disability, please contact the testing department listed in the Contact Information section of this bulletin.

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 Safety Engineer (Industrial)

Either 1

Two years of experience in the California state service performing the duties of an Associate Safety Engineer (Industrial).

Or 2

Experience: Four years of experience as a safety engineer with responsibility for organizing and administering a comprehensive safety program, at least two years of which shall have been in industrial safety engineering; **and**

Education: Equivalent to graduation from college with specialization in engineering. (Additional qualifying experience may be substituted for the required education on a year-for-year basis.)

POSITION DESCRIPTION

Senior Safety Engineer (Industrial)

This is the first full supervisory level and incumbents work in either the Standards and Research and Development Unit, the Compliance Unit, the CAL/OSHA Consultation Division, or the OSH Standards Board.

(1) In a specific geographic area, plans, organizes, directs and supervises the work of a group of Safety Engineers (Industrial) and Technicians. (2) A Senior Safety Engineer (Industrial) conducts complex studies and analyses; initiates investigations into occupational safety and health complaints associated with industrial and other occupational safety and health-related disciplines, and accidents; reviews and makes recommendations on reports of the seriousness of violations found. Coordinates with Division staff in comparison of Federal/State standards; conducts committee meetings to revise or propose new safety orders within the California Plan. (3) Develops programs for promotion of safety concepts; consults with labor, management and public groups on the more complex and sensitive safety engineering problems and plans and implements seminars for industry and in-service training of staff. May participate as technical advisor to the Standards Board during public hearings.

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. General engineering principles and methods as well as those specifically applicable to industrial safety engineering
2. Principles and practices of safety engineering

3. Operations, methods, equipment and safety devices primarily applicable to the industrial engineering safety orders of the Division of Occupational Safety and Health applicable to the industrial discipline
4. Applicable provisions of the Labor Code
5. Accident prevention techniques
6. Sources of information on accident prevention work
7. Consultation techniques
8. How to develop and present evidence in legal hearings
9. Purposes, organization and activities of the Division of Occupational Safety and Health, OSH Standards Board, and the CAL/OSHA Consultation Service
10. Labor laws and compensation laws as applied to the work of the Division of Occupational Safety and Health
11. Industrial health hazards
12. Principles of effective supervision and training
13. Understanding of, and effectiveness in carrying out State and departmental equal employment opportunity and affirmative action policies

Ability to:

1. Do difficult safety investigation work
2. Detect unsafe conditions and practices
3. Promote and conduct safety campaigns
4. Assist in the preparation and revision of safety orders
5. Interpret and apply the safety orders of the Division of Occupational Safety and Health and applicable provisions of the Labor Code
6. Learn the basic principles and techniques of safety engineering in related Occupational Safety and Health disciplines
7. Analyze situations accurately and adopt an effective course of action.
8. Address groups
9. Speak and write effectively
10. Prepare reports and dictate correspondence
11. Present evidence and act as the Division representative in legal hearings
12. Consult on complex and sensitive safety engineering problems with labor, management and public groups
13. Conduct meetings and coordinate with other State and Federal agencies
14. Direct the work of staff
15. Apply the policies of the Department of Industrial Relations and the Division to which assigned

ELIGIBLE LIST INFORMATION

A departmental, open eligible list for the **Senior Safety Engineer (Industrial)** classification will be established for:

Department of Industrial Relations

The names of **successful** competitors will be merged onto the eligible list in order of final score regardless of exam date. Eligibility expires **twenty-four (24) 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 Safety Engineer \(Industrial\) 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 Safety Engineer \(Industrial\) examination](#)

TESTING DEPARTMENTS

Department of Industrial Relations

CONTACT INFORMATION

If you have any administrative questions concerning this examination bulletin, including provision of reasonable accommodation for this testing process, please contact:

Department of Industrial Relations
Human Resources – Examination Unit
1515 Clay St., Suite 409 Oakland, CA 94612
Email: jobs@dir.ca.gov
Phone: 1-800-564-0771

If you have any **technical** questions concerning this examination bulletin, please contact:

California Department of Human Resources
Attn: Examination Services
1515 S Street
Sacramento, CA 95811

Phone: 1-866-844-8671

California Relay Service: 1-800-735-2929 (TTY), 1-800-735-2922 (Voice)

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

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 Department of Industrial Relations 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.