



CALIFORNIA DEPARTMENT OF PUBLIC HEALTH

SUPERVISING HEALTH PHYSICIST

Schematic Code: HX10 Classification Code: 3801 Exam Code: 6H1BD

Examination Type: Open Continuous

FINAL FILING DATES

Testing is considered continuous as dates can be set at any time. Applications will be reviewed to ensure the minimum requirements for participation in this exam are met. Possession of the entrance requirements does not assure a place on the eligible list. Once you have taken the examination, you may not retest for 12 months from the established list date.

Applications must be submitted by the filing dates indicated below. Applications postmarked, personally delivered, or received via interoffice mail after the final filing date, will be held for the next administration of the exam.

The filing dates are:

March 11, 2024

September 9, 2024

SALARY

\$8,784 - \$11,482 per month

EQUAL EMPLOYMENT OPPORTUNITY

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.

WHO CAN APPLY

Persons who meet the minimum qualifications as stated on this announcement may take this competitive examination.

MINIMUM QUALIFICATIONS

Either One

Two years of experience in performing the duties of a Senior Health Physicist in California state service.

Or Two

Six or more years of increasingly responsible professional experience in health physics or a closely related field, at least three years of which must have included supervisory responsibility for a major program in health physics or radiologic health.

AND

Graduation from college with a major in radiologic health, radiologic science, health physics, engineering, mathematics, physical science, life science or a closely related field. (Possession of a Master's Degree in Radiologic Health, Radiologic Science, Health Physics, Engineering, Mathematics, Physical Science, or Life Science may be substituted for two years of the required general experience.)

The required degree must have been obtained from a recognized U.S. university or from a foreign university approved by the Bureau of Private Postsecondary and Vocational Education under the provision of California Education Code Chapter 3, Part 59, Division 10.

GENERAL QUALIFICATIONS

All candidates for, appointees to, and employees in the state civil service shall possess the general qualifications of integrity, honesty, sobriety, dependability, industry, thoroughness, accuracy, good judgment, initiative, resourcefulness, courtesy, ability to work cooperatively with others, willingness and ability to assume the responsibilities and to conform to the conditions of work characteristic of the employment, and a state of health consistent with the ability to perform the assigned duties of the class.

POSITION DESCRIPTION

TYPICAL TASKS

This is the second supervisory level. Incumbents, under general direction, plan, organize, direct and evaluate a number of statewide radiation regulatory programs involving the surveillance and licensing of radiation sources and the evaluation, regulation, and control of industrial (limited to licensing only), research, medical, diagnostic, and therapeutic uses of radiation; coordinate, integrate, and evaluate programs and activities relating to licensing and inspections and insure compliance with State regulations; evaluate and resolve unusually complex technical and administrative problems in connection with license issuance, amendment, suspension, revocation, or denial; approve inclusion of specialized conditions and other unusual provisions in licenses; plan and direct a continuing program of staff training and development; propose new rules and regulations; coordinate the programs with related activities of the Nuclear Regulatory Commission, the State Division of Occupational Safety and Health, Environmental Protection Agency, Department of Health and Welfare, local health agencies, and other interested and affected agencies; keep abreast of technical development in radiation use and radiation protection; plan and direct special studies and investigations; address interested groups; prepare articles for publication; and do other related work.

Positions in this class are supervisory. Incumbents perform duties which are substantially different from those of subordinates and have the authority, in the interest of management, to: hire, transfer, suspend, layoff, recall, promote, discharge, assign, reward or discipline other employees, or responsibly direct them, or adjust their grievances, or effectively recommend such actions. The intent is to exclude lead persons.

HOW TO APPLY

To apply for this examination, please complete and return the following:

STANDARD STATE APPLICATION (FORM 678)

COPY OF UNOFFICIAL/OFFICIAL COLLEGE TRANSCRIPTS

Due to COVID-19, we have limited staff working in the office. Therefore, the preferred method of application submittal at this time is via email to CDPHEexamUnit@cdph.ca.gov. Mailed and dropped off applications will still be accepted but may have delays in processing.

Applications and any additional documents must be submitted via the U.S. Postal Service or hand delivered to the Department of Public Health Human Resources Office (hours are 8:00 AM to 5:00 PM). Submit ([California State Application STD 678](#)) and any additional documents to:

By Mail:

DEPARTMENT OF PUBLIC HEALTH
Attn: Examination Services Unit
P.O. Box 997378 MS 1700 – 1702
Sacramento, CA 95899-7378

Drop Off:

DEPARTMENT OF PUBLIC HEALTH
Attn: Examination Services Unit
1615 Capitol Avenue
Sacramento, CA 95814

**DO NOT SUBMIT APPLICATIONS
TO THE CALIFORNIA DEPARTMENT OF HUMAN RESOURCES (CalHR)
THROUGH EMAIL, FAX, OR INTER-AGENCY MAIL**

CONTACT INFORMATION

All questions regarding this examination (including the minimum qualifications, applying for the examination, being scheduled for the examination, reasonable accommodations, the examination components, scoring, etc.) may be directed to the contact information below:

EMAIL: CDPHEexamUnit@cdph.ca.gov

EXAMINATION INFORMATION

The examination will consist of a Qualifications Assessment and is the sole component of the Supervising Health Physicist examination. To obtain a position on the eligible list, a minimum score of 70% must be received. The Qualifications Assessment is designed to elicit specific information regarding each candidate's education, training, and experience relative to the testing classification. Responses to the questionnaire will be assessed based on pre-determined rating criteria. **The Qualifications Assessment package will be emailed to the applicant in the form of a survey. Please monitor your email account's SPAM, Junk, Bulk, etc. Folder (s) as the examination email may be filtered depending on your specific account settings.**

The participating department's reserves the right to revise the examination plan to better meets the needs of the service if the circumstances under which this examination has changed. Such revision will be in accordance with civil service law and rules and all competitors will be notified.

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 **must** include "to" and "from" dates (month/day/year), time base, job titles and/or 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. Applications received without this information will be rejected. Applicants **must** submit a copy of either official or unofficial transcripts along with the application when using education to meet the entrance requirements for this examination.

SCOPE OF EXAMINATION: Rankings will be determined based on the depth and breadth of professional education and experience beyond what is minimally required. Emphasis will be placed on measuring:

Knowledge of:

1. Various parameters involving the use of radiation machines and radioactive materials.
2. California radiation control laws and regulations.
3. Supervisory methods and techniques.
4. Theory and practice of health physics and radiation protection.
5. Various parameters entering into evaluation of radiological hazards involved in medical, dental, industrial, and laboratory work.
6. Principles of leadership.
7. Basic research techniques.
8. Theory and practical design of shielding for protection against radiation.
9. Biological effects of ionizing radiation.
10. Radiation standards set by the Nuclear Regulatory Commission, the National Council on Radiation Protection and Measurement.
11. Functions and operations of State and Federal programs in radiation control and radiological health.
12. Principles of public administration and personnel management.

13. Radiation Dosimeter and the theory and design of instruments and method used to measure radiation.
14. State and departmental Equal Employment Opportunity policies.
15. Theory and principles of physical science and engineering.
16. Department's Equal Employment Opportunity objectives.
17. Manager's role in Equal Employment Opportunity and the processes available to meet EEO objectives.
18. Training procedures.
19. Advance scientific research techniques.
20. Trends and developments in radiological health.
21. Atomic and nuclear physics and nuclear chemistry and the use of radioisotopes.
22. Radiological ecology.
23. Radioactive waste disposal techniques and procedures.

Ability to:

1. Analyze situations accurately, derives recommendations, and takes effective action.
2. Communicate effectively.
3. Interpret laws and regulations.
4. Effectively supervise subordinate personnel.
5. Direct and coordinate the work of others.
6. Establish and maintain cooperative relations with those contacted in the course of the work including Federal, State, and local agencies.
7. Gain confidence and compliance of persons of varied scientific disciplines.
8. Evaluate plans and specifications to ensure prevention of radiation hazards.
9. Train and guide subordinate personnel.
10. Prepare clear and concise administrative and technical reports, and correspondence.
11. Develop methods to minimize radiation hazards.
12. Conduct routine investigations of radiological health hazards.
13. Train personnel in the various phases of radiological health work.
14. Develop and evaluate programs.
15. Effectively carry out the State and departmental EEO policies.
16. Effectively contribute to the Department's EEO objectives.
17. Independently plan, conducts, and correlates difficult and complex investigations of radiological health exposure.

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 eligible list, a minimum rating of 70% must be attained. Names of successful competitors are merged into the open eligible list established for use by the Department of Public Health in order of final scores regardless of testing date. Eligibility expires **24** months after it is established unless the needs of the service and conditions of the list warrant a change in this period.

VETERAN'S PREFERENCE

Pursuant to Government Code Section 18973.1, Veteran's Preference will be awarded in this examination 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.

HOW TO APPLY FOR VETERANS' PREFERENCE

The [California State Jobs' website](http://www.jobs.ca.gov) (www.jobs.ca.gov) has information on how to apply for Veterans' Preference on their website and on the [Application for Veterans' Preference form \(CalHR 1093\)](https://jobs.ca.gov/PDF/SPB1093.pdf) (<https://jobs.ca.gov/PDF/SPB1093.pdf>). Additional information is also available at the [Department of Veterans Affairs website](http://www.cdva.ca.gov) (<http://www.cdva.ca.gov>).

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: 1-888-877-537

CONDITIONS OF EMPLOYMENT (631)

Examination Title: Supervising Health Physicist

Name: _____

(Print: first, middle initial, last)

Final Filing Dates:

March 11, 2024

September 9, 2024

If you are successful in your examination your name will be placed on the active employment list and certified to fill vacancies according to the conditions you specify on this form. If you are unwilling to accept work or do not reply promptly to communications your name will be placed on the inactive list.

Locations in which you are willing to work:

Please indicate your choices - you will not be offered a job in locations not checked.

Contra Costa County (0700) _____

Orange County (3000) _____

Sacramento County (3400) _____

TYPE OF EMPLOYMENT DESIRED:

ON A PERMANENT BASIS, I AM WILLING TO WORK:

____ Full Time

____ Part Time (regular hours less than 40)

____ Intermittent (on call)

____ Limited Term

ON A TEMPORARY BASIS, I AM WILLING TO WORK:

____ Full Time

____ Part Time (regular hours less than 40)

____ Intermittent (on call)

____ Limited Term

It is your responsibility to notify the Department of Public Health, Examination Services Unit, of any changes in your address or availability for employment. All correspondence must include your name, examination title, and identification number.

Signature: _____ Date: _____