



CHEMIST

Department of Corrections and Rehabilitation

Departmental Open Examination

Examination Code: 3CEAV

Final Filing Date: Continuous

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.

DIVERSITY, EQUITY AND INCLUSION

The California Department of Corrections and Rehabilitation (CDCR) and California Correctional Health Care Services (CCHCS) are committed to building and fostering a diverse workplace. We believe cultural diversity, backgrounds, experiences, perspectives, and unique identities should be honored, valued, and supported. We believe all staff should be empowered. CDCR/CCHCS are proud to foster inclusion and representation at all levels of both Departments.

TESTING DEPARTMENTS

California Department of Corrections and Rehabilitation (CDCR)

CLASSIFICATION DETAILS

Salary Range:

\$4,438.00 - \$7,778.00 per month

View the [classification specification](#) for the Chemist classification.

WHO SHOULD APPLY

Applicants who meet the minimum qualifications as stated below.

Once you have taken the Qualifications Assessment Examination, you may not retake it for twelve (12) months.

HOW TO APPLY

All applicants must complete and submit an [Examination Application \(STD. 678\)](#) **and** [Qualifications Assessment](#)

By mail to:

**Department of Corrections and Rehabilitation
Talent Acquisition and Career Services
P.O. Box 942883
Sacramento, CA 94283-0001**

Or in person at:

**Department of Corrections and Rehabilitation
1515 S Street
Sacramento, CA 95811-7243
Attn: Talent Acquisition and Career Services, 101N**

If you are personally delivering your application and Qualifications Assessment, you must do so between the hours of **8:00 a.m.** and **5:00 p.m.**, Monday through Friday, excluding holidays, to the same street address as listed above.

Completed applications and all required documents must be received or postmarked by the cut-off date in order to be considered. If an application is received after the cut-off date with a late or missing postmark, the application is considered late and will be included in the next cut-off date for processing. It is the applicant's responsibility to submit their application on time and to ensure the envelope is postmarked if applying by way of U.S. mail or contains proof of timely deposit with a parcel delivery or courier service. Dates printed on Mobile Bar Codes, such as the Quick Response (QR) Codes available at the United States Postal Service (USPS), are not considered Postmark dates for the purpose of determining timely filing of an application.

Qualifications Assessments for Chemist are available from the CDCR website at: (Type Web Link Here) or in person at the street address listed above.

NOTE: Only applications with an original signature will be accepted.

SPECIAL TESTING ARRANGEMENTS

If you require special testing arrangements due to a verified disability or medical condition, mark the appropriate box on your Examination Application (STD. 678) and you will be contacted to make specific arrangements. You may also contact Talent Acquisition and Career Services at (916) 322-2545.

APPLICATION DEADLINES/REQUIREMENTS

Candidates must complete and return the Chemist Qualifications Assessment along with his/her Examination Application (STD. 678). Candidates who meet the minimum qualifications will have their Qualifications Assessment rated.

All applicants must meet the minimum qualifications for this examination by the cut-off date.

TEST DATE

Applications will be accepted on a continuous basis.

Cut-off dates for processing will be:

June 1, 2023 July 3, 2023

NOTE: *Check back periodically as cut-off dates may be added in the future. Additionally, cut-off dates are subject to change or be cancelled at any time. Such changes or cancellations will be in accordance with civil service laws and rules.*

Results notices will be mailed in 6 – 7 weeks following each cut-off date. Please contact Talent Acquisition and Career Services at (916) 322-2545 if you have not received your notice after 7 weeks.

MINIMUM QUALIFICATIONS

Pattern 1

Education: Possession of a Bachelor's or advanced degree with a major in chemistry, biochemistry, toxicology, or a closely related chemistry discipline from a recognized institution. (Admission to a master's or a doctoral degree program in chemistry, biochemistry, toxicology, or a closely related scientific discipline shall be considered to meet these education qualifications.) (Registration as a senior in a recognized institution will admit applicants to the examination, but they must produce evidence of a degree before they can be considered eligible for appointment.)

Or Pattern 2

Education: Possession of a Bachelor's or advanced degree with a major in a scientific discipline from a recognized institution with a total of 18 semester units in general chemistry, quantitative analysis, and organic chemistry with related laboratories. (Two years professional experience performing duties as a chemist, as defined in the scope of this specification, may be substituted for the required coursework.) (Registration as a senior in a recognized institution will admit applicants to the examination, but they must produce evidence of a degree before they can be considered eligible for appointment.)

NOTE: Equivalent to graduation from college refers to a Bachelor's degree. Applicants must have the number of semester or quarter credits, as well as the required coursework necessary to be awarded a four year Bachelor's degree.

IMPORTANT: When using education and/or specific course work to meet the minimum qualifications, you must submit a copy of unofficial transcripts along with your application.

Qualifying experience may be combined on a proportionate basis if the requirements stated above include more than one pattern and are distinguished as "Either" 1, "or" 2, "or" 3, etc. For example, candidates who possess qualifying experience amounting to 50% of the required time of Pattern 1, and additional experience amounting to 50% of the required time of Pattern 2, may be admitted to an examination as meeting 100% of the overall experience requirement.

OUT-OF-CLASS EXPERIENCE: A "completion of an out-of-class assignment" memorandum, dated within one year of assignment completion, is required to use as out-of-class experience to meet the minimum qualifications for examination purposes. Employees may obtain this documentation from his/her Institutional Personnel Officer/Personnel Liaison. Out-of-class experience without required documentation will not be considered for examination purposes.

SPECIAL PERSONAL CHARACTERISTICS

Persons appointed to positions in this class must be reasonably expected to have and maintain sufficient strength, agility, and endurance to perform during stressful (physical, mental, and emotional) situations encountered on the job without compromising their health and well-being or that of their fellow employees or that of inmates.

POSITION DESCRIPTION AND LOCATION(S)

Under direction of the Chief Engineer I, CF, the Chemist works as the Laboratory Director, and performs a variety of responsible professional and complex chemistry work within the Water Quality Laboratory (WQL) of the Waste Water Treatment Plant (WWTP). As the Laboratory Director, is responsible for all analytical and operational activities of the laboratory, indirect supervision of all personnel employed by the laboratory, and the accuracy and quality of all data reported by the laboratory.

Position(s) exist at California Men's Colony (CMC) and Pelican Bay State Prison (PBSP) within CDCR.

EXAMINATION PLAN

EXAMINATION INTERVIEWS WILL NOT BE HELD. This examination will consist of a Qualifications Assessment weighted 100%. To obtain a position on the eligible list, applicants must achieve a minimum rating of 70.00% on the Qualifications Assessment.

The Qualifications Assessment is designed to elicit a range of specific information regarding each candidate's knowledge, skill, abilities, and potential to effectively perform the duties relative to the classification. Candidates who meet the minimum qualifications will have their Qualifications Assessment rated and successful candidates will be placed on an eligible list. **SUBMISSION OF THE QUALIFICATIONS ASSESSMENT IS MANDATORY.** Candidates who do not submit a completed Qualifications Assessment will be eliminated from this examination.

Qualifications Assessment -- Weighted 100.00%

Scope: Emphasis in the examination will be on measuring competitively, relative to job demands, each candidate's:

Knowledge of:

1. Fundamentals of organic, inorganic, analytical, and physical chemistry and biochemistry.
2. Principles, procedures, instruments, and equipment used in quantitative and qualitative analyses.
3. Quality control and assurance.
4. Toxic and physical effects of compounds and substances
5. Applicable laws, rules, or regulations
6. Statistics, report writing, and research methods and procedures
7. Personal computer and related office and instrument software.

Ability to:

1. Communicate effectively
2. Perform accurate chemical analyses following standard to complex methods
3. Set up, adjust, calibrate, trouble-shoot, and maintain instruments
4. Analyze and interpret test information
5. Use, modify, or develop analytical procedures for specific needs
6. Prepare and present evidence in court
7. Testify as a witness
8. Participate in research studies
9. Prepare reports and papers for presentation or publication
10. Analyze situations accurately and take effective action
11. Maintain accurate records
12. Inspect laboratories and make recommendations
13. Use a personal computer and related office and instrument software
14. Learn, interpret, and apply applicable laws, rules, and regulations.

The Job Analysis identifies job duties and job requirements for the classification and may be referenced in preparing for the examination. The Job Analysis for the Chemist is available on the CDCR website at: [CDCR Job Analysis](#).

Note: To ensure a fair and equitable opportunity for all competitors, CDCR does not authorize the gathering of informal study groups or the distribution of informal sample test questions to prepare for examinations. Additionally, pursuant to California Government Code Sections 19680 and 19681, candidates are not to obtain or discuss test questions and/or answers from current or prior examinations to prepare for upcoming examinations.

ELIGIBLE LIST INFORMATION

The resulting eligible list will be established to fill vacancies for CDCR.

Names of successful candidates are merged onto the list(s) in order of final scores, regardless of date. Eligibility expires 12 months after establishment unless the needs of the service and conditions of the list(s) warrant a change in this period.

VETERANS' PREFERENCE/CAREER CREDITS

Career credits or Veterans' Preference will be granted in this examination. Veterans who have achieved permanent civil service status are not eligible to receive Veterans' Preference. **If you receive Veterans' Preference, you cannot also receive career credits in this examination.**

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

It is the candidate's responsibility to contact CDCR's Talent Acquisition and Career Services at (916) 322-2545 three weeks after the final filing date if he/she has not received a progress notice.

Applications are available at CDCR, California Department of Human Resources (CalHR), local offices of the Employment Development Department, and through your [CalCareer Account](#).

Veterans' Preference: California law allows the granting of Veterans' Preference in any **Open** examination. In accordance with Government Code Sections 18973.1 and 18973.5, Veterans' Preference will be awarded as follows: 1) any veteran, widow or widower of a veteran, or spouse of a 100% disabled veteran, who achieves a

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passing score in an open 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) Veterans' Preference is not granted once a person achieves permanent civil service status.

Directions to apply for Veterans' Preference are available at the CalHR's website by clicking on the following link: [CalCareer Veterans](#). Additional information can also be found at the California Department of Veterans Affairs at [CalVet Veterans](#).

Career Credits: California law allows the granting of career credits in Open, Nonpromotional examinations. Career credits are three points added to the final qualifying score of each competitor who is a state employee with permanent civil service status or employees who have a mandatory right of reinstatement to such a position; or a full-time exempt employee with 12 months consecutive service; or individuals who have served one full year in or are a graduate of the California Conservation Corps (CCC) (eligibility expires 24 months after graduation from the CCC). Effective January 1, 1983, AB 3325 (1982) eliminated career credits for classes designated by CalHR as managerial.

The Department of Corrections and Rehabilitation 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.

Examination Locations: If this examination requires a written test and/or oral interview, they will be scheduled throughout the State at the correctional institutions, youth facilities, and/or parole regions. However, locations of the written test and/or oral interview may be limited or extended as conditions change.

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.

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

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.

**CALIFORNIA DEPARTMENT OF CORRECTIONS AND REHABILITATION
TALENT ACQUISITION AND CAREER SERVICES
EXAMINATION SERVICES UNIT**

1515 S STREET, ROOM 101N, SACRAMENTO, CA 95811

EMAIL: HRCustomerConnect@cdcr.ca.gov

PHONE: (916) 322-2545

Telecommunications Relay Service: 711

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