



LABORATORY TECHNICIAN, CHEMICAL ANALYSIS Qualifications Assessment

Department of Corrections and Rehabilitation

Servicewide Open Examination
Final Filing Date: Continuous

EXAMINATION INFORMATION

This examination will provide you with an opportunity to demonstrate significant aspects of your qualifications for the **Laboratory Technician, Chemical Analysis** classification with the California Department of Corrections and Rehabilitation (CDCR). The information you provide will be rated based on objective criteria created by Subject Matter Experts. The rating will be used to determine your final score in this examination. If successful, your name will be placed on an eligible list for the classification listed above. The list will be used to fill positions statewide with CDCR. The list will be used to fill positions at CDCR's California Men's Colony, Pelican Bay State Prison and including all departments statewide. A "Conditions of Employment" section is included in this examination which will allow you to select the time bases and location(s) you are interested in working. Please print out, **personally complete**, and sign this examination form.

Read the instructions below carefully before completing the assessment. Failure to do so may result in an inability to process your assessment and disqualification from this examination.

AFFIRMATION STATEMENT

I hereby certify that the information provided on this **Qualifications Assessment** is true and correct to the best of my knowledge and contains no willful misrepresentations or falsifications. I also understand that if it is later discovered that I have made any false representations, I may be removed from the examination and/or the eligible list resulting from this examination, have adverse action taken against me which could result in loss of state employment, and/or suffer loss of right to compete in any future state examinations.

Name (Printed): _____

Address: _____

City/State/Zip Code: _____

Home Telephone Number: _____

Work Telephone Number: _____

Signature: _____

Date: _____

FILING INSTRUCTIONS

All applicants must complete and submit the following examination materials:

- [Examination Application \(STD. 678\)](#)
- 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, on or before the final filing date to the street address listed above.

NOTE:

- All examination materials must have original signatures.
- Be sure your envelope has adequate postage if submitting via mail.
- Faxed or emailed copies will **NOT** be accepted under any circumstances.
- Make and keep a photocopy of the completed Qualifications Assessment for your records.

GENERAL INSTRUCTIONS

This Qualifications Assessment is the sole component of the examination. To obtain a position on the eligible list, a minimum score of 70% must be achieved. Therefore, please be sure to review and follow all instructions carefully as missing or incomplete information may result in disqualification or a lower score.

This examination is comprised of the following areas:

- Affirmation Statement (page 1)
- Filing Instructions / General Instructions (page 2)
- Prior State Employment / Conditions of Employment (pages 3 - 4)
- Rating Instructions (page 5)
- Knowledge & Experience Assessment (pages 6 - 10)
- Recruitment Questionnaire (pages 11 - 12)

YOUR RESPONSES ARE SUBJECT TO VERIFICATION

Please keep in mind that all information provided on this Qualifications Assessment will be subject to verification at any time during the examination process, hiring process, and even after gaining employment. Anyone who misrepresents his/her experience will be subject to adverse consequences, which could include the following action(s):

- Removal from the examination process
- Removal from the eligible list / certification list
- Loss of State employment
- Loss of rights to compete in any future state examinations

PRIOR STATE EMPLOYMENT INFORMATION

Complete this next section **ONLY** if you have been previously dismissed from California State Civil Service employment by punitive action or as a result of disciplinary proceedings. **IF THIS DOES NOT APPLY TO YOU, please skip this question.**

Do you have written permission from the California Department of Human Resources (CalHR) to take this examination?

YES

NO

State Personnel Board, Rule 211 provides that a dismissed state employee may only participate in State Civil Service examinations if he/she has obtained prior consent from the State Personnel Board.

CONDITIONS OF EMPLOYMENT

PLEASE MARK THE APPROPRIATE BOX(ES) OF YOUR CHOICE.

If you are successful in this examination, your name will be placed on an active employment list and referred to fill vacancies Statewide according to the conditions you specify on this form.

TYPE OF APPOINTMENT YOU WILL ACCEPT

Please mark the appropriate box(es) - you may check "(A) Any" if you are willing to accept any type of employment.

(D) Permanent Full-Time (R) Permanent Part-Time (K) Limited-Term Full-Time (A) Any

If all are marked and you receive an appointment other than permanent full-time, your name will continue to be considered for permanent full-time positions.

LOCATION(S) YOU ARE WILLING TO WORK

5 ANYWHERE IN THE STATE – If this box is marked, no further selection is necessary

NORTHERN REGION

- | | | |
|--|--|---|
| <input type="checkbox"/> 0100 – Alameda County | <input type="checkbox"/> 2100 – Marin County <ul style="list-style-type: none">• CSP, San Quentin | <input type="checkbox"/> 4100 – San Mateo County |
| <input type="checkbox"/> 0200 – Alpine County | <input type="checkbox"/> 2300 – Mendocino County | <input type="checkbox"/> 4500 – Shasta County |
| <input type="checkbox"/> 0300 – Amador County <ul style="list-style-type: none">• Mule Creek State Prison• Pine Grove Youth Conservation Camp | <input type="checkbox"/> 2500 – Modoc County | <input type="checkbox"/> 4600 – Sierra County |
| <input type="checkbox"/> 0400 – Butte County | <input type="checkbox"/> 2800 – Napa County | <input type="checkbox"/> 4700 – Siskiyou County |
| <input type="checkbox"/> 0500 – Calaveras County | <input type="checkbox"/> 2900 – Nevada County | <input type="checkbox"/> 4800 – Solano County <ul style="list-style-type: none">• California Medical Facility• CSP, Solano |
| <input type="checkbox"/> 0600 – Colusa County | <input type="checkbox"/> 3100 – Placer County | <input type="checkbox"/> 4900 – Sonoma County |
| <input type="checkbox"/> 0700 – Contra Costa County | <input type="checkbox"/> 3200 – Plumas County | <input type="checkbox"/> 5100 – Sutter County |
| <input type="checkbox"/> 0800 – Del Norte County <ul style="list-style-type: none">• Pelican Bay State Prison | <input type="checkbox"/> 3400 – Sacramento County <ul style="list-style-type: none">• CSP, Sacramento• Folsom State Prison• Richard A. McGee Correctional Training Center | <input type="checkbox"/> 5200 – Tehama County |
| <input type="checkbox"/> 0900 – El Dorado County | <input type="checkbox"/> 3800 – San Francisco County | <input type="checkbox"/> 5300 – Trinity County |
| <input type="checkbox"/> 1100 – Glenn County | <input type="checkbox"/> 3900 – San Joaquin County <ul style="list-style-type: none">• Deuel Vocational Institute• California Health Care Facility• O.H. Close YCF• N.A. Chaderjian YCF• Northern California YCC | <input type="checkbox"/> 5500 – Tuolumne County <ul style="list-style-type: none">• Sierra Conservation Center |
| <input type="checkbox"/> 1200 – Humboldt County | | <input type="checkbox"/> 5700 – Yolo County |
| <input type="checkbox"/> 1700 – Lake County | | <input type="checkbox"/> 5800 – Yuba County |
| <input type="checkbox"/> 1800 – Lassen County <ul style="list-style-type: none">• California Correctional Center• High Desert State Prison | | |

CENTRAL REGION

- 1000 – **Fresno County**
 - Pleasant Valley State Prison
- 1400 – **Inyo County**
- 1500 – **Kern County**
 - California City Correctional Facility
 - California Correctional Institution
 - Kern Valley State Prison
 - North Kern State Prison
 - Wasco State Prison
- 1600 – **Kings County**
 - Avenal State Prison
 - CSP, Corcoran
 - CA Substance Abuse Treatment Facility
- 2000 – **Madera County**
 - Central California Women's Facility
 - Valley State Prison
- 2200 – **Mariposa County**
- 2400 – **Merced County**
- 2600 – **Mono County**
- 2700 – **Monterey County**
 - Correctional Training Facility
 - Salinas Valley State Prison
- 3500 – **San Benito County**
- 4000 – **San Luis Obispo County**
 - California Men's Colony
- 4300 – **Santa Clara County**
- 4400 – **Santa Cruz County**
- 5000 – **Stanislaus County**
- 5400 – **Tulare County**

SOUTHERN REGION

- 1300 – **Imperial County**
 - Calipatria State Prison
 - CSP, Centinela
- 1900 – **Los Angeles County**
 - CSP, Los Angeles County
- 3000 – **Orange County**
- 3300 – **Riverside County**
 - California Rehabilitation Center
 - Chuckawalla Valley State Prison
 - Ironwood State Prison
- 3600 – **San Bernardino County**
 - California Institution for Men
 - California Institution for Women
- 3700 – **San Diego County**
 - RJ Donovan Correctional Facility
- 4200 – **Santa Barbara County**
- 5600 – **Ventura County**
 - Ventura YCF

ADDRESS OR EMPLOYMENT CHANGES

After list release, successful candidates may update any address and/or availability for employment preference information by accessing their [CalCareer Account](http://www.calcareers.ca.gov) (www.calcareers.ca.gov) on the California Department of Human Resources (CalHR) website.

Once logged into your CalCareer Account, from the **My Account** page:

- Update your personal information (name, address, phone number) by selecting “Contact Information” under **Account Management**.
- Update your employment preference information (tenure, time base, location preferences) by selecting “Exam / Assessment Records” under **Exams / Assessments**, then selecting the list you have eligibility on, then selecting “Change Conditions of Employment” under **Eligibility Record Actions**.

RATING INSTRUCTIONS

Rate your knowledge and experience performing specific job-related actions, using the rating scale(s) below.

Respond to each statement, beginning on the following page, by indicating how the statement applies to you. You are required to respond to every statement by marking one option for each of the two scales provided. Responses may not be changed or added once submitted to Talent Acquisition and Career Services. Missing responses will result in a lower score.

In responding to each statement, you may refer to your FORMAL EDUCATION, FORMAL TRAINING COURSES, and/or WORK EXPERIENCE whether paid or not paid.

SCALE #1 - KNOWLEDGE RELATED TO PERFORMING THIS ACTION

Extensive Knowledge

I possess an expert knowledge level to the extent that I have effectively performed tasks related to this knowledge in the most difficult and complex situations **and** I have instructed others on specific aspects of this knowledge.

Moderate Knowledge

I possess an advanced knowledge level to the extent that I could effectively perform this task under the majority of circumstances or situations encountered.

Basic Knowledge

I possess a sufficient knowledge level that would allow me to perform this task successfully in routine situations.

Limited Knowledge

I have some knowledge of how to perform this task, but I may require additional instruction to apply my knowledge effectively.

No Knowledge

I have no knowledge of how to perform this task or what it may entail.

SCALE #2 - EXPERIENCE RELATED TO PERFORMING THIS ACTION

Extensive Experience

I have more than 3 years of experience in regularly performing this action **and** I have instructed others on this specific action.

Moderate Experience

I have more than 2 years, but less than 3 years of experience performing this action **and** I can perform it independently.

Basic Experience

I have more than 1 year, but less than 2 years of experience performing this action **and** I have performed it regularly with minimal or no assistance.

Limited Experience

I have less than 1 year of experience in performing this action **and** I may require assistance for successful performance.

No Experience

I have never performed this action.

1. Generate accurate and defensible data utilizing established laboratory test procedures.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

2. Prepare samples, equipment, and materials for analysis to ensure accurate, consistent, and defensible test results.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

3. Analyze in-house sample for analysis utilizing standard operating procedure, lab equipment, and log sheets.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

4. Perform work assignments to complete chemical, biochemical, and microbiological analyses.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

5. Communicate effectively with laboratory staff and supervisors (Chemist, Water and Sewage Plant Supervisor, etc) to provide the status of sample analyses and ensure the consistent flow of information.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

6. Maintain incubator, refrigerator, and freezer temperature logs to ensure accurate, consistent, and defensible test results.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

7. Prepare standard reagent, chemical solutions, and microbiological broth to perform required analyses.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

8. Perform routine maintenance of lab equipment (i.e., autoclave, spectrophotometer, pH meter, turbidity meter, dissolved oxygen meter, etc.) to maintain proper operation.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

9. Document analysis results and data in both written and electronic logs to provide a record of accurate and timely test results.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

10. Clean glassware, laboratory equipment, and laboratory work areas to minimize sample contamination and maintain a safe work environment.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

11. Keep accurate record of lot numbers and certificates of analysis of chemical reagents and supplies (e.g., glassware, bottles, containers, pipettes, etc.) for traceability and to meet audit criteria.

Knowledge related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

12. Archive data to ensure security and accessibility for audits.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

13. Maintain an inventory of all laboratory equipment with their manuals and records of maintenance to ensure credible analyses.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

14. Utilize chemical laboratory techniques, materials, and equipment, including those used in chemical, biochemical and microbiological analyses of waters and wastewater to perform routine repetitive analysis.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

15. Prepare laboratory reagents and assemble laboratory apparatus for chemical, biochemical, and microbiological analyses to perform routine repetitive analysis.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

16. Follow directions, perform repetitive routine work, and keep accurate records to ensure analyses are in compliance.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

17. Collect samples for submission to outside contracted laboratories.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

18. Prepare documentation of sample collection to ensure proper handling and tracking.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

19. Collect in-house sample for analysis utilizing sampling techniques, standard operating procedure, and log sheets.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

20. Disposal of samples to protect the environment and the public utilizing sample and retention protocols, autoclave, sinks, and containers, etc.,.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

21. Monitor the calibration status of balances, traceable weights, pipettes, and dispensers to ensure accurate and consistent results.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

22. Follow laboratory safety practices to prevent injury and a hazardous environment.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

23. Utilize computers and computer applications to perform daily duties.

Knowledge related to performing this action

- Extensive Knowledge
- Moderate Knowledge
- Basic Knowledge
- Limited Knowledge
- No Knowledge

Experience related to performing this action

- Extensive Experience
- Moderate Experience
- Basic Experience
- Limited Experience
- No Experience

THIS CONCLUDES THE EXAMINATION

REVISION DATE: 09/07/22 -TT

RECRUITMENT QUESTIONNAIRE

Applicants are asked to voluntarily provide the information below. The following data will be used for statistical data gathering and reporting purposes. This questionnaire will be separated from the examination and this information will not be used in any employment decisions.

GENDER

- Male
- Female
- Non-binary

RACE AND ETHNICITY

Check one box that best describes your race or ethnicity.

- | | ASIAN | PACIFIC ISLANDER |
|---|---|---|
| <input type="checkbox"/> Black or African American | <input type="checkbox"/> Multiple Asian** | <input type="checkbox"/> Multiple Pacific Islander*** |
| <input type="checkbox"/> American Indian or Alaska Native | <input type="checkbox"/> Indian | <input type="checkbox"/> Guamanian |
| <input type="checkbox"/> Hispanic or Latino (alone or in combination with any other race) | <input type="checkbox"/> Cambodian | <input type="checkbox"/> Hawaiian |
| <input type="checkbox"/> White | <input type="checkbox"/> Chinese | <input type="checkbox"/> Samoan |
| <input type="checkbox"/> Multiple Races* | <input type="checkbox"/> Filipino | <input type="checkbox"/> Other Pacific Islander |
| | <input type="checkbox"/> Japanese | |
| | <input type="checkbox"/> Korean | |
| | <input type="checkbox"/> Laotian | |
| | <input type="checkbox"/> Vietnamese | |
| | <input type="checkbox"/> Other Asian | |

*If you identify with more than one race that is Non-Hispanic or Latino, select Multiple Races.

**If you identify with more than one Asian ethnicity, select Multiple Asian.

***If you identify with more than one Pacific Islander ethnicity, select Multiple Pacific Islander.

AUTHORITIES

Government Code sections 8310.5, 19705, 19790, 19792(h) and California Code of Regulations, Title 2, sections 599.980, 11013(b) authorize the State of California to collect demographic information on job applicants and exam participants for analysis and statistical purposes.

CONTINUE TO NEXT PAGE TO COMPLETE RECRUITMENT QUESTIONNAIRE

RECRUITMENT QUESTIONNAIRE

On behalf of the California Department of Corrections and Rehabilitation, we thank you for participating in this examination. To assist us in our recruitment efforts, please tell us how you heard about this examination.

Please check the appropriate box and, where relevant, specify your answer:

- Internet (www.cdcr.ca.gov, www.jobs.ca.gov)
- Job Fair
- Friend/Family Member
- Staffing Agency (Spearhead, Manpower)
- Career Assistance Centers (e.g., Employment Development Department Career Network, Workforce Center)
- State Agency (please specify): _____
- Military Base (please specify): _____
- Local Union (please specify): _____
- Other (please specify): _____

California Department of Corrections and Rehabilitation

- Flyer
- Banner
- Employee
- Exam Bulletin E-Blast
- Institution Bulletin Board

Social Media

- Facebook
- Indeed
- Monster

Educational Facility

- College
- Trade School
- School Association
- Specialized Training/Certification Program (e.g., Job Corps, Skill Centers, Regional Occupational Programs)
- Local Apprenticeship Program

Public Advertisements

- Bus
- Truck
- Billboard
- Mobile Ad

Out of State Resource

- Arizona
- Oregon
- Nevada