



Plumber 1

Class Code: 6549 – Exam Code: 3PB32

Department(s): California Science Center
Department of Developmental Services
Department of General Services
Department of State Hospitals
Military Department
Department of Veterans Affairs
22nd DAA/Del Mar Fairgrounds

Examination Date: Examination dates are scheduled periodically.
Type of Examination: Multi-Departmental Open
Salary: \$4308-\$5452
Tenure/Time-base: Permanent Full-time
Permanent Part-time
Permanent Intermittent
Limited Term Full-time
Limited Term Part-time
Limited Term Intermittent

INFORMATION

The California Department of Human Resources is pleased to announce the posting of the Plumber 1 examination. Please refer to the Filing Instructions section below for examination scheduling information.

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 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.

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 the examination, you may not retake it for twelve (12) months.

SPECIAL TESTING ARRANGEMENTS

If you have a disability and/or need special testing arrangements you will be able to request a reasonable accommodation during the filing and self-scheduling process.

If you have questions, please contact:

California Department of Human Resources Selection Division

1-866-844-8671

California Relay Service (7-1-1)

Telecommunications Device for the Deaf (TTY) (916) 654-6336

TTY is a telecommunications device that is reachable only from phones equipped with a TTY device.

ELIGIBLE LIST INFORMATION

An eligible list will be established by the California Department of Human Resources for use by Department of General Services and Department of State Hospitals. The names of successful competitors will be merged onto the eligible list in order of final score regardless of test date. Eligibility expires twelve (12) months after it is established. Competitors must then retake the examination to reestablish eligibility.

REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION

Required Identification: Applicants must bring photo identification or two forms of signed identification to the written examination.

NOTE: All applicants must meet the education and/or experience requirements as stated on this examination bulletin as of the date the test is taken.

MINIMUM QUALIFICATIONS

Either 1

Completion of a recognized apprenticeship in plumbing. (Apprentices who are within six months of completing their apprenticeship program may be admitted to the examination, but must present evidence of completion prior to appointment.)

Or 2

Four years of varied general experience installing, maintaining, inspecting and repairing standard plumbing equipment. An Associate of Arts or Certificate of Arts Degree in Plumbing from an accredited community college may be substituted for two years of the required experience. (Students who are within six months of completing their degree will be admitted to the examination, but must present evidence of completion prior to appointment.)

POSITION DESCRIPTION

This is one of two entry classes and the first journey level of this series. Incumbents install, maintain, inspect and repair standard plumbing equipment concerned with water, gas, oil, sewage, fire control, steam and refrigeration systems; troubleshoot plumbing systems; install and repair pumps; maintain a plumbing shop; make rough sketches and estimate labor and materials for minor plumbing installation

and repair; advise in selection, ordering, and storage of plumbing supplies and equipment; consult with other tradespeople; keep simple records and make reports; and instruct and lead unskilled assistants.

EXAMINATION INFORMATION

WRITTEN TEST – WEIGHTED 100%

The examination will consist solely of a written test, multiple choice, and weighted 100%. To obtain a position on the eligible list, a minimum score of 70% is required. The written test is designed to evaluate a candidate's knowledge in the areas of: Mathematics and Plumber Knowledge.

This examination will also allow for the use of calculators, and these will be issued to the candidate on the written test date. The use of a candidate's personal calculator will not be permitted.

KNOWLEDGE AND ABILITIES

Knowledge of:

1. Knowledge of the Uniform Plumbing Codes in order to complete plumber activities in compliance with State and Federal regulations and departmental guidelines.
2. Knowledge of the principles, methods, tools, and equipment used in plumbing to ensure adherence to departmental quality standards and Uniform Plumbing Code.
3. Knowledge of standard plumbing installation and servicing techniques concerned with various applications (e.g., water, gas, sewage, steam, oil, fire, etc.) in order to complete plumbing projects.
4. Knowledge of the processes for conducting inspections of standard plumbing installations concerned with various applications (e.g., water, gas, sewage, steam, oil, fire, etc.) to ensure proper function, safety, and maximum efficiency.
5. Knowledge of the inner workings and installation process for water irrigation systems in order to inspect and/or make repairs.
6. Knowledge of various types of pipe (e.g., galvanized, copper, plastic) and their uses/properties in order to properly plan, conform to Uniform Plumbing Code, and complete plumbing projects.
7. Knowledge of various types of machinery (e.g., snakes, power snakes, hand spinners, cameras, etc.) used to solve plumbing problems.
8. Knowledge of materials, methods, and the tools involved in the construction or repair of houses, commercial buildings, and other structures such as highways, roads, and parks and how they relate to plumbing installation.
9. Knowledge of basic algebra and geometry and their applications for determining pipe measurement, fall, and grading in the completion of plumbing activities.
10. Knowledge of basic arithmetic (e.g., addition, subtraction, multiplication, division, etc.) used for the completion of plumbing activities.
11. Knowledge of drain or pipe clearing/cleaning equipment (e.g., drain cleaning cables, hand spinners, handheld electric snake, power sink machine, drain cleaners, toilet augers, blow/bladder bag, etc.) to facilitate plumbing activities.
12. Knowledge of pipe or tube cutters (e.g., copper cutting machines, power pipe cutters, ratcheting polyvinyl chloride cutters, tubing cutters, etc.) to facilitate plumbing activities.
13. Knowledge of the functions of pressure indicators (e.g., pressure gauges, heavy duty water pressure gauges, standard water pressure gauges, etc.) to facilitate plumbing activities.
14. Knowledge of hand tools (e.g., basin wrench, pipe wrench, augers, hammer, tape measure, level, plunger etc.) used to complete plumber activities.

Ability to:

1. Ability to recognize potentially dangerous or problematic plumbing circumstances in order to implement preventative measures.
2. Ability to read and comprehend English in order to interpret/produce work related documents.

VETERANS' PREFERENCE

Veterans' Preference will be granted for this examination. Effective January 1, 2014, in accordance with Government Codes 18973.1 and 18973.5, whenever any veteran, widow or widower of a veteran, or spouse of a 100 percent-disabled veteran achieves a passing score on an open examination, he or she shall be ranked in the top rank of the resulting eligibility list. This section shall not apply to any veteran who has been dishonorably discharged or released.

CAREER CREDITS

Career Credits **will not** be added to the final score for this exam, because it does not meet the requirements to qualify for Career Credits.

CONTACT INFORMATION

If you have any questions concerning this announcement, please contact:

The California Department of Human Resources Selection Division
1515 S Street, North Building, Suite 400
Sacramento, CA 95811-7258
1-866 844-8671

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Telecommunications Device for the Deaf (TTY) (916) 654-6336
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GENERAL INFORMATION

For an examination with a written feature, it is the candidate's responsibility to contact the testing department three weeks after the Final Filing Date if he/she has not received his/her notice.

Examination Locations: When a written test is part of the examination, it will be given in such places in California as the number of candidates and conditions warrant. However, locations of interviews or performance evaluations may be limited or extended as conditions warrant.

Applications are available at www.jobs.ca.gov and local offices of the Employment Development Department.

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 on this bulletin will be rated against a predetermined job-related rating, and all candidates who pass will be ranked according to their scores.

The California Department of Human Resources (CalHR) reserves the right to revise the examination plan to better meet the needs of the service, should the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules, and all competitors will be notified.

Candidates needing special testing arrangements due to a disability must mark the appropriate box on the application and contact the testing department.

Hiring Interview Scope: In a hiring interview, in addition to the scope described in this bulletin, the panel will consider education, experience, personal development, personal traits, and fitness. In appraising experience, more weight may be given to the breadth and recency of pertinent experience and evidence of the candidate's ability to accept and fulfill increasing responsibilities than to the length of his/her experience. Evaluation of a candidate's personal development will include consideration of his/her recognition of his/her own training needs; his/her plans for self-development; and the progress he/she has made in his/her efforts toward self-development. For more information, you may refer to the [classification specification](#).

General Qualifications: Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, 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) service-wide promotional, 5) departmental open, and 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.

Veterans' Preference: Effective January 1, 2014, in accordance with Government Codes 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 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. And 3) Veterans' Preference is not granted once a person achieves permanent civil service status.

Veteran status is verified by the California Department of Human Resources (CalHR). Directions to apply for Veterans' Preference are on the [Veterans' Preference Application \(Std. Form 1093\)](#), and the Department of Veterans Affairs.

Security and Confidentiality of Examination: Pursuant to Government Code Section 19860. "It is unlawful for any person: (a) Willfully by himself or in cooperation with another person to defeat, deceive, or obstructs any person with respect to his right of examination, application, or employment under this part or board rule. (b) Willfully and falsely to mark, grade, estimate, or report upon the examination or proper standing of any person examined or certified under this part or board rule, or to aid in so doing,

or make any false representation concerning the same or the person examined. (c) Willfully to furnish to any person any special or secret information for the purpose of either improving

or injuring the prospects or chances of any person examined, certified or to be examined or certified under this part or board rule.”

Pursuant to Government Code 19681. “It is unlawful for any person: (a) To practice any deception or fraud with regard to his identity in connection with any examination, application, or request to be examined. (b) To obtain examination questions or other examination material except by specific authorization either before, during, or after an examination or use or purport to use any such examination questions or materials for the purpose of instructing or coaching or preparing candidates for examinations. (c) To use any unfair means to cause or attempt to cause any eligible to waive any rights obtained under this part.”

Bulletin Revision Date: 10/11/2017

FILING INSTRUCTIONS

Self-scheduling for this examination is offered on a first-come-first-served basis for each written exam date. Please be aware that seating is limited and scheduling for a specific exam date will conclude once all seats are filled. Future self-scheduling and exam dates will be made available as demand warrants.

Self-Scheduling Opens

Wednesday, October 11th, 2017 at 10 a.m.

Written Exam Date(s)

October 26th, 2017

Location

San Diego, CA.

Test dates are posted here as needs warrant. Please check this area periodically for open testing.

If you fail to appear for the examination as scheduled, you will not be able to reapply/reschedule for 6 weeks.

On the self-scheduling date and time, please click on the link below to begin and complete the scheduling process.

[CLICK HERE to self-schedule for the Plumber 1 written examination.](#)