



CITY OF OAKLAND
invites applications for the position of:
Fire Protection Engineer

SALARY: \$6,979.77 - \$8,570.32 Monthly
\$83,757.24 - \$102,843.84 Annually

OPENING DATE: 01/17/17

CLOSING DATE: 02/10/17 11:59 PM

THE POSITION:

Are you ready to make a difference? To make a direct impact on the Oakland community? If you'd like to share your talents, the City of Oakland welcomes you to consider this new and exciting opportunity in fire protection.

The City of Oakland is currently recruiting to fill a Fire Protection Engineer vacancy within the Oakland Fire Department. This position inspects buildings and fire protection systems to ensure compliance with laws, codes and regulations; reads and interprets architectural plans and computer fire modeling; and reviews fire protection and life safety systems (such as sprinkler and fire pump systems, fire alarm systems, smoke removal systems, fire resistive construction, means of egress, etc.).

Ideal Candidate:

The ideal candidate is highly motivated, capable of embracing innovative Fire Protection management principles, and enjoys the challenge of blending traditional fire service values with modern business practices. Desirable knowledge, skills and abilities include: qualities of professionalism, integrity, and competency to safely deliver the highest level of fire protection services; the ability to work cooperatively with community members and organizations; and dedication and self-discipline, assuring that the Department's high operational standards are maintained. Bilingual in Cantonese or Mandarin is desirable.

The eligibility list established from this recruitment may be used to fill other vacancies that may occur within the City including full-time and permanent part-time positions.

EXAMPLES OF DUTIES:

Duties may include, but are not limited to, the following:

- Inspect buildings and review building and site development plans and fire extinguishing systems to protect life and property from fire loss.
- Review building designs and plans submitted by engineers, architects and the public to assure compliance with fire laws, codes and regulations.
- Review subdivision and parcel maps, tract maps and proposed parcel maps for compliance with fire code requirements including fire department access, fire hydrants, water flow.
- Review public and private engineering plans for improvement to determine compliance with codes and regulations.
- Inspect and approve tests for fixed fire systems including fire pumps, deluge and pre-action systems, halon and carbon dioxide systems; recommend fire protection measures for special hazards including warehouse storage systems and flammable materials storage.
- Prepare records regarding inspections and plan reviews.

- Represent the Oakland Fire Department at public and private meetings and events; respond to inquiries from the public regarding fire protection codes, regulations and systems.

MINIMUM REQUIREMENTS FOR APPLICATION:

Any combination of experience and education that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Education:

A Bachelor's degree from an accredited college or university in fire protection; civil, electrical, chemical or mechanical engineering or a related field.

Experience:

Three years of progressively responsible experience in fire protection inspection and analysis including building design, specification writing, construction inspection, and plan review. Note: a degree in fire protection engineering, as documented by a copy of college transcripts, may be substituted for one year of professional experience. **Accepted applicants with a degree in fire protection engineering will be required to submit an unofficial copy of their transcript later in the selection process.**

License or Certificate:

Possession of a valid California Driver's License.

Possession of a valid Fire Protection Engineer license issued by the California Board of Registration for Professional Engineers or a valid registration as a Fire Protection Engineer from another state, which is transferable to the State of California.

OR

Possession of a valid Professional Engineer license issued by the California Board of Registration for Professional Engineers in mechanical, electrical, civil or chemical engineering with qualifying experience in fire protection engineering.

Other Requirements:

May be required to pass a background investigation.

Knowledge of:

- Methods and practices involved in building engineering and design.
- Federal, state and local building and fire codes and regulations including the National Fire Code; applicable plumbing, electrical and mechanical laws.
- Hydraulic calculations.
- Personal computer and software applications.
- Principles and practices of public speaking.
- Public contact and community relations.
- Fire alarm systems.

Ability to:

- Interpret federal, state and local codes and regulations pertaining to fire protection.
- Read and understand blueprints and plans.
- Perform hydraulic calculations and electrical cable and battery sizing of fire alarm systems.
- Communicate effectively in both oral and written form.
- Use personal computer and software applications.

- Establish and maintain effective work relationships with those contacted in the performance of required duties.

SUPPLEMENTAL INFORMATION:

The Selection Process

Stage I: The first stage in the selection process will consist of a review of each applicant's employment application, including applicable education and certifications/licenses, and supplemental questionnaire for minimum qualifications (weighted pass/fail). **Please scan and attach a copy of applicable certifications or licenses to your application.**

Stage II: The second stage will consist of subject matter experts evaluating and rating the completed supplemental questionnaires. Applicant responses to the supplemental questions must demonstrate the knowledge, skills and abilities listed in the qualifications section of this announcement. The evaluation of supplemental questions may be weighted 100% of an applicant score (before residency and/or veteran points) and may determine rank on the eligible list. If a sufficient number of quality application packets are received, the supplemental screening may be followed by a third stage and the most qualified applicants will be invited to the next stage. Meeting the minimum qualifications does not guarantee advancement to Stage III.

Stage III: The third stage may consist of assessment exercises (weighted 100%) containing an oral interview and a written exercise, which measure the knowledge and abilities listed in the qualifications section.

The ranked eligible list may be developed directly from the supplemental screening OR the results of Stage III. Candidates must earn a scale score of 70 in this examination process to be placed on the eligible list for employment consideration.

The City of Oakland reserves the right to modify the selection process as necessary to conform to administrative or business necessity.

How to Apply

Apply prior to the closing time of the job announcement and allow at least an hour to submit your application if you are a new user on the system. **APPLICATIONS ARE ACCEPTED ONLINE ONLY.** You may apply and view current openings by visiting our employment opportunities webpage at: <http://agency.governmentjobs.com/oaklandca/default.cfm>

If you do not have access to a computer, there are computer stations available at any City of Oakland Public Library. There are also work stations at the Department of Human Resources Management, 150 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612. Work stations are available during regular business hours (normally 9:00 a.m. to 5:00 p.m.).

Our on-line application system is provided by NeoGov. If you have problems while applying online, please contact the Help Desk at (877) 204-4442.

You may also call the City of Oakland Department of Human Resources Management at (510) 238-3112 for information.

Tentative Date Of Examination:

Week of March 13, 2017

The City of Oakland is an EEO/ADA Employer.

ADVISORIES

Immigration and Reform Control Act: In compliance with the Immigration and Reform Control Act of 1986 the City of Oakland will only hire individuals who are legally authorized to work in the United States.

Exam Access Accommodation: In compliance with local, state and federal laws and regulations, the City of Oakland will employ and promote qualified individuals without regard to disability. The City is committed to making reasonable accommodations in the examination process and in the work environment. Individuals requesting reasonable accommodations in the examination process must do so no later than five working days after the final filing date for receipt of applications, otherwise it may not be possible to arrange accommodations for the selection process. Such requests should be addressed to the Department of Human Resources Management, 150 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612-2019 or call (510) 238-3112 or TDD (510) 238-3254.

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<http://www2.oaklandnet.com/Government/o/HumanResources/index.htm>

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Oakland, CA 94612
(510) 238-3112

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Position #16-PS143-10
FIRE PROTECTION ENGINEER
LB

Fire Protection Engineer Supplemental Questionnaire

- * 1. Please be sure to answer the supplemental question(s) thoroughly and accurately. The information you provide will be reviewed and used to determine your eligibility to move forward in the selection process. Incomplete responses, false statements, omissions, or partial information may result in disqualification from the selection process and your responses will be verified from information included in your application. The rating of the supplemental questions may determine your application status and/or rank on an eligible list. I have read and understand the statement concerning submission of supplemental questionnaire responses.
 Yes No

- * 2. Do you have a Bachelor's degree from an accredited college or university in fire protection, civil, electrical, chemical or mechanical engineering or a related field?
 Yes No

- * 3. Which of the following do you possess? You must scan and attach a copy of the license/registration to your online application. Applications submitted without a copy of the license/registration will not be given further consideration.
 - Valid Fire Protection Engineer license issued by the California Board of Registration for Professional Engineers
 - Valid registration as a Fire Protection Engineer from another state, which is transferable to the State of California
 - Valid Professional Engineer license issued by the California Board of Registration for Professional Engineers in mechanical, electrical, civil or chemical engineering

- * 4. Briefly describe your education, training and experience in fire protection.

- * 5. I understand that my answers to the above questions must be supported by information in the "Experience" section of this job application.

Yes No

* Required Question