

CITY OF SAN DIEGO
Personnel Department
 ~ Excellence in Personnel Services ~



Senior Engineer - Fire Protection - T10909- 201602

Apply at: <http://www.sandiego.gov/empopp>

SALARY: \$36.92 - \$44.64 Hourly
 \$2,953.60 - \$3,571.20 Biweekly
 \$76,793.60 - \$92,851.20 Annually

OPENING DATE: 02/12/16

CLOSING DATE: 02/22/16 05:00 PM

JOB INFORMATION:

Senior Engineer – Fire Protection positions perform specialized engineering work in fire prevention and safety; review building construction plans and specifications for compliance with life-safety requirements of California Building Code, California Fire Code and other fire standards as they relate to complex development projects such as high-rise buildings, large industrial complexes and large public assemblies; review and recommend changes to codes, ordinances, and related fire protection standards; provide technical enforcement advice to building contractors, architects, and other officials; review and evaluate requests for alternate materials and methods of construction; inspect fire protection systems; prepare responses to technical reports on codes and standards and related topics of life-safety; research fire record data and develop information on fire and performance of building and safety of occupants in a fire; coordinate between the Fire-Rescue, Development Services, Engineering and Capital Projects, and Public Utilities Departments on fire protection issues; supervise and train subordinates; author and edit policies, procedures and information bulletins; and perform other duties as assigned.

NOTE:

- Senior Engineer – Fire Protection employees with a valid State of California registration as a Fire Protection Engineer are eligible for 15% additional pay.

MINIMUM REQUIREMENTS:

You must meet the following requirements on the date you apply, unless otherwise indicated.

EDUCATION/REGISTRATION: You must meet ONE of the following options:

1. Bachelor's Degree in Fire Protection Engineering or Fire Protection and Safety Engineering Technology.
2. Valid registration as a Professional Fire Protection Engineer with the State of California.

NOTE:

- Additional qualifying professional-level experience may be substituted for education lacked on a year-for-year basis. One year of full-time experience = 30 semester/45 quarter college-level units.

EXPERIENCE: Four years of full-time professional-level experience in fire protection engineering.

LICENSE: A valid California Class C Driver License is required at the time of hire.

HIGHLY DESIRABLE:

- Excellent verbal and written communication skills and the ability to make effective and concise oral presentations.
- Lead and/or supervisory experience over professional engineers.
- Proficient in using computer software including Word and Excel.

REQUIRED DOCUMENTS (MUST SUBMIT WITH APPLICATION):

- Proof of degree/transcripts or registration, if utilized to meet the minimum requirements.

Required documents should be attached electronically to your application. If you are unable to attach at the time of application submittal, you must submit them as soon as possible via fax: (619) 533-3337; or to the Employment Information Center: City of San Diego Personnel Department, 1200 Third Avenue - Suite 300, San Diego, CA 92101. Include your name and the title of the position for which you are applying.

SCREENING PROCESS:

Please ensure all information is complete and accurate as the responses you provide on the supplemental questions will be reviewed using an automated evaluation system. If you are successful in this initial screening process, your application will be reviewed for applicable education, experience, and/or training to ensure all minimum requirements have been met. Successful candidates will be placed on a list which will be used to fill position vacancies during the next one year. For each vacancy, only those candidates with the most appropriate qualifications will be contacted by the hiring department for an interview.

SUPPLEMENTAL INFORMATION:

PRE-EMPLOYMENT REQUIREMENTS: Employment offers are conditional pending the results of all screening processes that are applicable to this job, which may include but are not limited to the following: Confirmation of citizenship/legal right to work in the United States; completion of a pre-employment medical review/exam (which may include drug/alcohol testing); reference checks; and a fingerprint check. The fingerprints will be submitted to the Federal Bureau of Investigation and the California Department of Justice for a conviction record report. Certain positions may require additional screening processes which may include a polygraph examination and/or background investigation. All of these processes must be successfully completed before employment begins. A positive test for alcohol, illegal drugs or inadequately explained prescription drugs, misrepresentation, falsification, or omission of pertinent facts in any step of the screening/selection process may be cause for disqualification and/or termination of employment. Nothing in this job posting constitutes an expressed or implied contract for employment with the City of San Diego. Applicants must notify the Personnel Department of any changes in their name, address (home, email), or phone number or they may miss employment opportunities.

APPLICATIONS MAY BE FILED ONLINE AT:
<http://www.sandiego.gov/empopp/>

1200 3rd Ave., Suite 300, MS 51P
 San Diego, CA 92101

Recruitment #: RI-T10909-201602
 Class #: 1457
 SENIOR ENGINEER - FIRE PROTECTION - T10909-201602
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The City of San Diego is an equal opportunity employer. Applicants with disabilities who require testing accommodations may call (619) 236-6358. To obtain this information in alternative formats, persons with disabilities may call (619) 236-6467 or for TTY (619) 236-6776.

Senior Engineer - Fire Protection - T10909-201602 Supplemental Questionnaire

- * 1. I understand that failure to respond to the following questions in the spaces provided may result in the rejection of my application. In addition, I may miss out on employment opportunities. Résumés are NOT reviewed for assessing the minimum requirements.
 - ☐ Yes
 - ☐ No
- * 2. I understand that the responses I provide on the supplemental questions will be reviewed using an automated evaluation system and that if I am successful in this initial screening process, my application will be reviewed for applicable education, experience, and/or training to ensure all minimum requirements have been met.
 - ☐ Yes
 - ☐ No
- * 3. Are you currently working for the City of San Diego as a government/municipal employee?
 - ☐ Yes
 - ☐ No
- * 4. Have you previously worked for the City of San Diego as a government/municipal employee?
 - ☐ Yes
 - ☐ No
- 5. If you have previously worked or are currently working for the City of San Diego, please enter your PERNR.
- * 6. The minimum age for this job is 18, unless you are 17 and a high school graduate. Do you meet the minimum age requirements for this job?
 - ☐ Yes
 - ☐ No
- * 7. How did you first hear about this employment opportunity?
 - ☐ City of San Diego Employment Information Center
 - ☐ City of San Diego Facility/Employee
 - ☐ Government Jobs.com
 - ☐ Jobing.com
 - ☐ Monster.com
 - ☐ Other Website
 - ☐ Notified by Mail/Email
 - ☐ Job Fair
 - ☐ City Employee Association
 - ☐ Community Organization
 - ☐ San Diego Union-Tribune
 - ☐ Los Angeles Times
 - ☐ Voice and Viewpoint
 - ☐ La Prensa

- ☐ San Diego Asian Journal
 - ☐ Gay and Lesbian Times
 - ☐ Other Periodical
 - ☐ Jobs Available
 - ☐ Government Finance Officers Association
 - ☐ Other Professional Organization/Publication
 - ☐ Television/Radio
 - ☐ Other
- * 8. Do you possess a Bachelor's Degree in Fire Protection Engineering or Fire Protection and Safety Engineering Technology? NOTE: Attach proof of degree to your application.
- ☐ Yes
- ☐ No
9. If you are using a combination of experience and education to qualify, which of the following best describes your level of education?
- ☐ 0 to 29 semester/44 quarter units
 - ☐ 30 semester/45 quarter units to 59 semester/89 quarter units
 - ☐ 60 semester/90 quarter units to 89 semester/134 quarter units
 - ☐ 90 semester/135 quarter units to 119 semester/179 quarter units
 - ☐ 120 semester/180 quarter units or more
- * 10. Are you registered as a Professional Fire Protection Engineer with the State of California? NOTE: Attach proof of registration to your application.
- ☐ Yes
- ☐ No
- * 11. How many years of full-time professional-level fire protection engineering experience do you have?
- ☐ None
 - ☐ Less than 1 year
 - ☐ 1 year to less than 2 years
 - ☐ 2 years to less than 3 years
 - ☐ 3 years to less than 4 years
 - ☐ 4 years to less than 5 years
 - ☐ 5 years to less than 6 years
 - ☐ 6 years to less than 7 years
 - ☐ 7 years to less than 8 years
 - ☐ 8 years or more
- * 12. Describe your full-time professional-level fire protection engineering experience. Specify from which employer the experience was gained, your title, level of responsibility, percent of time spent performing the duties and the total length of your experience. If you do not have any experience in this area, write "None."
- * 13. In which of the following areas do you have full-time professional-level fire protection engineering experience?
- ☐ Assessing buildings for compliance with California Code of Regulations Title 19 and 24, National Fire Protection Association (NFPA) standards, and the City of San Diego Municipal Code.
 - ☐ Fire protection systems.
 - ☐ Fire alarm and smoke alarm systems.
 - ☐ Access roads and fire flow requirements.
 - ☐ Smoke control systems.

- ☐ Life-safety of buildings.
☐ None of the above.

- * 14. Describe your full-time professional-level fire protection engineering experience to include plan check and/or field inspection experience in the following areas: a. Assessing buildings (specify commercial, industrial, high-rise, residential, hospitals, etc.) for compliance with California Code of Regulations Title 19 and 24, NFPA standards, and the City of San Diego Municipal Code; b. fire protection systems (specify types of systems); c. fire alarm and smoke alarm systems; d. access roads and fire flow requirements; e. smoke control systems; f. life-safety of buildings; g. other. For each area, specify from which employer the experience was gained, your title, level of responsibility, percent of time spent on each area and the total length of your experience. If you do not have any experience in a specific area, write "None."
15. Describe your experience with the Board of Appeals and the nature of your contact with the board. Specify from which employer the experience was gained, your title, level of responsibility, percent of time spent performing the duties and the total length of your experience.
16. Describe your experience researching fire records and developing information on fire and other related hazards. Specify from which employer the experience was gained, your title, level of responsibility, percent of time spent performing the duties and the total length of your experience.
17. Describe your experience researching data and establishing fire and building ordinances and/or codes. Specify from which employer the experience was gained, your title, level of responsibility, percent of time spent performing the duties and the total length of your experience.
18. Describe your verbal and written communication skills and your experience with making effective and concise oral presentations. Specify from which employer the experience was gained, your title, level of responsibility, percent of time spent performing the duties and the total length of your experience.
19. Do you have experience leading and/or supervising professional engineers?
☐ Yes
☐ No
20. Describe your lead/supervisory experience in the following areas: a. Scheduling assigned functions and ensuring that work is performed correctly; b. reviewing/approving time cards; c. interviewing, selecting and/or recommending qualified personnel for subordinate positions; d. providing orientation and on-the-job training to ensure that responsibilities are understood by subordinates; e. monitoring and evaluating the performance of employees through evaluations which you have written, signed and administered; f. recommending/administering personnel actions for employee recognition, counseling and/or discipline. For each area, specify from which employer the experience was gained, your title, level of responsibility, percent of time spent on each area and the total length of your experience.

21. List the computer programs with which you are familiar and indicate your experience level (e.g, limited, moderate, extensive).

* 22. I understand that I am required to submit the following documents at time of application, if utilized to meet the minimum requirements: Proof of degree/transcripts or registration. If you are unable to attach, refer to the "Required Documents" section of the job posting for instructions

☐ Yes

☐ No

* Required Question