Graduate Engineer A (2 Positions)

Position Information

Posting Title: Graduate Engineer A (2 Positions)
Job Requisition Number: AFD300302
Position Number: 117623
Job Type: Full-Time
Division Name: Fire Hazardous Materials CIV

Minimum Qualifications:
Graduation with a Bachelor’s degree from an accredited college or university with major coursework in Engineering or in a field related to the job.

Notes to Applicants:
The Austin Fire Department Prevention —Engineering Services is looking to fill 2 Graduate Engineer A positions. The positions will work as Fire Protection Engineers and will be assigned to work in coordination with the Development Service Department. The following additional job duties and responsibilities will apply.

1. Review building permit plan submittals and site permit plan submittals for a variety of proposed new construction projects for compliance with the Austin Fire Code. Fire protection related building permit review items include identifying required fire protection systems and features, protection features for the installation of hazardous materials systems, and mechanical smoke control systems.
2. Be able to perform code compliance and analytical plans review on a wide variety of fire protection systems and features, including hydraulic calculations and fire alarm voltage drop and battery calculations.
3. Be able to conduct plans review and inspections to ensure compliance with the applicable codes, standards, and City ordinances related to the storage, handling, and use of hazardous materials. Preferred, but not required.
4. Be able to review computer modeling included as part of a plans submission to justify code compliance or equivalency and/or performance based code design.
5. Participate in preliminary design meetings with design professionals concerning proposed technically complex building projects to identify required fire protection systems and features and discuss acceptable design options.
6. Coordinate code interpretation and application with other City departments and agencies including the City’s Development Services Department.
7. If you are selected for this position, and meet the Driver Safety Standards in the City of Austin Driver Safety Program you may driven when necessary to multiple locations as part of your regular job duties. Otherwise, you are responsible for getting to and from these locations.

PLEASE MAKE NOTE: Beginning Summer of 2020, the work location for this position will be 6310 Wilhelmina Delco Dr, Austin, TX
PLEASE MAKE NOTE: AFD MAY CLOSE THIS JOB POSTING AT ANY TIME AFTER 7 DAYS

Pay Range: $29.56 – $38.42
Commensurate

Hours: 7:00AM to 4:00PM
Monday through Friday (with some flexibility)
Job Close Date 01/10/2020
Type of Posting External
Department Fire
Regular/Temporary Regular
Grant Funded or Pooled Position Not Applicable
Category Professional
Location One Texas Center, 505 Barton Springs Road, 2nd Floor
Preferred Qualifications

- Bachelor's or Master's Degree related to Fire Protection Engineering
- Knowledge of various National Fire Protection (NFPA) standards include NFPA 13, NFPA 72, NFPA 14, and NFPA 20.
- Ability to travel to more than 1 work locations.

Duties, Functions and Responsibilities
For the Duties, Functions and Responsibilities of this position, please click the job description below:
Graduate Engineer A Job Description

Knowledge, Skills and Abilities
For the Knowledge, Skills and Abilities of this position, please click the job description below:
Graduate Engineer A Job Description

Criminal Background Investigation
This position does not require a Criminal Background Investigation

EEO/ADA
City of Austin is committed to compliance with the American Disabilities Act. If you require reasonable accommodation during the application process or have a question regarding an essential job function, please call (512) 974-3210 or TTY (512) 974-2445.

Supplemental Questions

Required fields are indicated with an asterisk (*).

1. * This position requires graduation from an accredited four-year college or university with major coursework in Engineering or in a field related to the job. Do you meet the minimum qualifications for this position?
   - Yes
   - No

2. * Do you have a Master's Degree related to Fire Protection Engineering?
   - Yes
   - No

3. * Confidentiality Agreement: This recruitment process is confidential and applicants must comply with this agreement to maintain the integrity of the hiring process. Do you agree to protect the privacy of the process by not discussing the specifics of the written exam or oral interview process with other candidates, the public, or any unauthorized
4. * Do you have public speaking, written technical communication experience with City residents, public groups, and or the private sector? If yes, please explain below. If no, please state "No."
   (Open Ended Question)
5. * Briefly describe your professional engineering training and/or experience
   (Open Ended Question)
6. * Do you have a working knowledge of and experience in the application of the International Fire Code (IFC) and various National Fire Protection Association (NFPA)?
   • Yes
   • No
7. * Do you have knowledge or experience of various National Fire Protection (NFPA) standards including NFPA 13, NFPA 72, NFPA 14, and NFPA 20? If so, briefly describe. If not, please write No Knowledge/Experience.
   (Open Ended Question)
8. * This position will require traveling to various work sites to perform duties. Are you able to travel to worksites with or without accommodations?
   • Yes
   • No

**Optional & Required Documents**

**Required Documents**

1. Cover Letter
2. Resume

**Optional Documents**