# Engineer B or C (Fire Protection)

Below you will find the details for the position including any supplementary documentation and questions you should review before applying for the opening. To apply for the position, please click the [Apply for this Job](#) link/button.

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## Position Information

### Posting Title
Engineer B or C (Fire Protection)

### Job Requisition Number
AFD300225

### Position Number
116554

### Job Type
Full-Time

### Division Name
Fire Hazardous Materials Civ

### Minimum Qualifications

**Engineer B:**

**Minimum Qualifications:**

Graduation with a Bachelor's degree from an accredited college or university with major course work in a field related to engineering, plus six (6) years experience in engineering, acquired either before and/or after licensing as a professional engineer.

**Licenses and Certifications Required:**

Licensed Professional Engineer (PE) in the State of Texas

**Engineer C:**

**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, plus eight (8) years engineering experience acquired either before and/or after licensing as a professional engineer.

**Licenses and Certifications Required:**

Licensed Professional Engineer (PE) in the State of Texas

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This position will serve as a Fire Protection Engineer in the Fire Engineering Services Division; and will be assigned to work with the Development Services Department on the Expedited Review Team.

The position also requires engineering disciplines that include: Fire
Notes to Applicants

Protection, Hazardous Materials, knowledge of computer fire modeling, and knowledge of prescriptive regulatory requirements.

The following additional job duties and responsibilities will apply.

1. Review building permit plan submittals for a variety of proposed new construction projects for compliance with the Austin Fire Code as part of the City’s new Expedited Plans Review program.

The Expedited Plans Review Team will consist of eight plan reviewers representing different City review disciplines who are involved with reviewing building permit plans for new construction projects as a team to facilitate reduced plans review turnaround times and issuance of building permits.

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. Manage the design of engineering design projects for fire code compliance that may be technically complex, highly visible, priority projects to verify all pertinent fire code issues are addressed. These projects may require a high level of technical proficiency in application of the International Fire Code, International Building Code, and various NFPA standards as well as coordinative and administrative responsibility.

3. 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.

4. Be able to evaluate and approve proposed alternative methods of compliance for equivalency with prescriptive code provisions.

5. Provide technical assistance to Austin Fire Department inspectors when requested. Assistance to inspectors may include providing training and assisting with field acceptance testing of fire protection systems.

6. Coordinate code interpretation and application with other City departments and agencies including the City’s Development Services Department.

Pay Range

$36.10 – $47.71
Commensurate

Hours

7:00AM to 4:00PM
Monday through Friday (With Some Flexibility)

Job Close Date

08/09/2018

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

- B.S. Degree in Fire Protection or Chemical Engineering.
- Knowledge of various fire protection systems including automatic fire sprinkler systems.
| Duties, Functions and Responsibilities | systems, standpipe systems, water supplies and the fire pumps, alternative agent fire extinguishing systems, and mechanical smoke control systems.  
• Some public speaking, written technical communication with City residents, public groups, and or the private sector. |
|--------------------------------------|--------------------------------------------------------------------------------------------------|
| Knowledge, Skills and Abilities      | For the Duties, Functions and Responsibilities of this position, please click on the appropriate job description below:  
Engineer B Job Description  
Engineer C Job Description |
| Does this job require a 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 is for an Engineer C or B. The minimum requirements are graduation from an accredited four-year college or university with major course work in a field related to engineering, plus six (6) years experience in engineering, acquired either before and/or after licensing as a professional engineer. Do you meet the minimum requirements?  
   • Yes  
   • No

2. * 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 process by not discussing the specifics of the written exam or oral interview assessments with other candidates, the public, or any unauthorized persons who do not have a specific and official need to know?  
   • Yes  
   • No

3. * How many employees have you lead, trained, or supported in your professional career?  
   • None  
   • 1 - 2  
   • 3 - 5  
   • More than 5

4. * Do you have a Texas Professional Engineer License or the ability to become registered within 6 months?  
   • Yes  
   • No

5. * 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)

6. * Do you have knowledge or experience with the International Fire Code (IFC) and the fire protection provisions of the International Building Code (IBC)? If so, briefly describe. If not, please indicate No Experience/Knowledge.  
   (Open Ended Question)

7. * This position requires knowledge of various fire protection systems including automatic fire sprinkler systems,
standpipe systems, water supplies and fire pumps, alternative agent fire extinguishing systems, and mechanical
smoke control systems. Briefly describe your knowledge or experience with the above. If you do not have
knowledge or experience, please write No Knowledge/Experience.

(Open Ended Question)

8. * 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)

**Optional & Required Documents**

**Required Documents**
1. Cover Letter
2. Resume

**Optional Documents**