



COBB COUNTY GOVERNMENT
invites applications for the position of:

Fire Protection Engineer

SALARY: \$31.33 - \$51.69 Hourly
\$65,158.80 - \$107,512.03 Annually

DEPARTMENT: Public Safety

DIVISION: Fire

OPENING DATE: 01/09/23

CLOSING DATE: 01/23/23 11:59 PM

GRADE CODE: S209

POSITION INFORMATION:

This position is located within Cobb County Fire and Emergency Services.

The purpose of this classification is to examine building plans and architectural drawings to determine compliance with local, state and federal Fire Life Safety codes and standards and to provide technical expertise and guidance regarding Fire Life Safety engineering principles.

ESSENTIAL FUNCTIONS:

Reviews and approves building construction plans: evaluates construction alternatives for equivalency to required building and fire codes and national fire protection safety standards; evaluates fire alarm, fire separation, fire detection systems, smoke evacuation systems, fire sprinkler systems, adequate water supply, fire department access and connection to the fire sprinkler systems; and reviews and approves other fire safety features.

Reviews fire protection requirements for special hazards such as high-piled storage, flammable liquid storage and handling, hazardous materials storage and handling, and other special fire and life safety hazards.

Coordinates the work of engineering consultants and contractors with focus on structural, mechanical, and electrical areas.

Ensures conformance to approved building plans and specifications: inspects new and existing buildings for special fire and life safety concerns; and witnesses and approves on-site testing of fire protection equipment and systems.

Provides advice, interpretation, and consultation to owners, contractors, designers, architects, and engineers on fire safety code requirements, construction methods, new products, standards, and technology: and provides safety consulting to the general public.

Provides technical interpretation of fire safety codes and standards, training, and research to the fire prevention inspection staff: and assists in the training of department personnel and other interested parties where appropriate.

Maintains professional knowledge and skills by attending seminars, conferences and training

sessions: researches and studies new types of fire equipment, technologies and standards.

Confers with upper management to keep them informed on projects and issues: makes recommendations for improvements; and prepares reports and maintains records as dictated by applicable policies, procedures, laws and ordinances.

Represents the department to developers, property managers, property owners, tenants, contractors, architects, and engineers, in committees, and at plan review meetings.

Fills in as acting manager (captain) as needed: assigns and directs work; appraises performance; rewards and disciplines employees; and ensures compliance and maintaining of standards.

Represents the fire department in an educational/advisory role reviewing safety plans for special events with large assemblies and meeting with event coordinators.

May perform the functions of a fire inspector in support of the department's objective and mission as directed.

Adheres to all policies, practices, training requirements and directives of sworn personnel of Cobb County Fire and Emergency Services.

Performs other related duties as assigned.

Minimum Qualifications

Bachelor's degree in Engineering, Fire Protection Engineering, Fire Protection Technology, Architecture, or related field required; experience in plans review, code compliance or code enforcement preferred; or any equivalent of combination of education, training, and experience which provides the requisite knowledge, skills and abilities for this job.

LICENSES AND CERTIFICATIONS:

- Must possess and maintain a valid Driver's License.
- Must possess and maintain the following certifications: NPQ Fire Inspector I and Georgia Firefighter Standards & Training Fire Inspector

PHYSICAL ABILITIES:

Tasks require the ability to exert very moderate physical effort in light work, typically involving some combination of stooping, kneeling, crouching and crawling, and which may involve some lifting, carrying, pushing and/or pulling of objects and materials of moderate weight (12-20 pounds).

Sensory Requirements

Some tasks require the ability to perceive and discriminate depth and the ability to communicate orally.

Environmental Factors

Essential functions are regularly performed without exposure to adverse environmental conditions.

Fire Protection Engineer Supplemental Questionnaire

- * 1. I understand that all answers to these supplemental questions must be verifiable in the 'Educational History' and 'Work History' sections of the application. Failure to provide sufficient information in these sections may result in my disqualification from the hiring process.
 - Yes
 - No
- * 2. Are you a current Cobb County Government employee? This does not include Cobb County School System.
 - Yes
 - No
- * 3. If yes, in what department of Cobb County Government are you currently employed? (Enter N/A if not applicable - This does not include Cobb County School District employees).
- * 4. Are you 18 years of age or older?
 - Yes
 - No
- * 5. Can you, after employment, submit proof of your legal right to work in the United States?
 - Yes
 - No
- * 6. Do you have a valid driver's license?
 - Yes
 - No
- * 7. I have read the Minimum Qualifications required for this position and understand I must demonstrate those qualifications on the application in order to be considered for this position. Furthermore, a failure to adequately demonstrate all qualifications may result in my removal from consideration. Lastly, I understand indicating "see resume" on the application and/or in a supplemental question response, may not be accepted in lieu of a completed application.
 - Yes
 - No
- * 8. Do you have a Bachelor's degree in Engineering, Fire Protection Engineering, Fire Protection Technology, Architecture, or related field; supplemented by experience in plans review, code compliance or code enforcement; or any equivalent of combination of education, training, and experience which provides the requisite knowledge, skills and abilities for this job.
 - Yes
 - No
- * 9. If you answered "no" to the above question, please explain why you feel you have the equivalent combination of education, training, and/or experience for this position. Enter N/A if this does not apply. "See resume" will not be accepted.
- * 10. Educational Background: Mark the highest level of education you have completed.

- Some High School
- High School Diploma or GED
- Vocational/Technical Diploma
- Some College
- Associate Degree
- Bachelor's Degree
- Advanced Degree

- * 11. If you have a college degree, what was your major area of study? Enter N/A if this does not apply.

- * 12. How many years of experience do you have in plans review, code compliance or code enforcement?
 - No experience
 - Less than two years
 - Two to four years
 - Four to six years
 - More than six years

- * 13. Do you currently possess the following certifications: NPQ Fire Inspector I and Georgia Firefighter Standards & Training Fire Inspector?
 - Yes
 - No

- * 14. Describe your experience with NFPA 101, Life Safety Code. Please enter N/A if this does not apply.

- * 15. Describe your experience with NFPA 13. Please enter N/A if this does not apply.

- * 16. Describe your experience with NFPA 72. Please enter N/A if this does not apply

- * 17. Describe your experience in reviewing plans for compliance with the above listed codes. Please enter N/A if this does not apply.

- * 18. Elements and Duration of Selection Process and Reapplication Policy 31.1.4 The duration of the selection process will vary by applicant due to availability for appointments and other factors. The average time period for completion of all elements of the background process is approximately three months. Reapplication by any applicant previously removed from the process will be taken on a case by case basis specific to each applicant's situation and past reason for removal. I hereby acknowledge that if I elect to continue in the application process, all elements will be subject to **Cobb County Department of Public Safety's** Hiring Standards.
 - I AGREE to the terms stated.
 - I DO NOT AGREE to the terms stated.

- * 19. The elements for the selection process for all **sworn** applicants could include one or more of the following elements: written exam, polygraph exam, psychological exam, oral interview, medical examination and drug screening. A background investigation will also be conducted. This investigation will include a current check on the applicant's credit, criminal and driver history. All information provided in your application will be verified. Personal or verbal contact will be made with all references supplied by the applicant and/or other sources. The applicant will be required to provide written explanations for any issues in questions brought forth during the background investigation.

- I AGREE with the terms stated.
- I DO NOT AGREE with the terms stated.

* Required Question