ARLINGTON COUNTY, VIRGINIA
HUMAN RESOURCES DEPARTMENT

FIRE PROTECTION ENGINEER I/II
Community Planning, Housing and Development

Salary: Depends on Qualifications

Announcement No: 5325-19A-PHD-HQ Closing Date: 10/11/2018

An Equal Opportunity Employer/Reasonable Accommodation upon Request

Work Location: 2100 Clarendon Blvd., Arlington *METRO-accessible*

POSITION INFORMATION

Are you looking for a challenging, rewarding career where your work affects the community on a daily basis? Do you thrive in a fast-paced environment? If so, Arlington County's fully-accredited, award-winning Inspection Services Division is looking for you!

Arlington County's Department of Community Planning, Housing and Development (CPHD) is seeking an engineering/technical professional to join the Inspection Services Division's Plan Review team. This position is responsible for examining fire protection systems and construction documents for commercial and residential structures, including new construction, additions, and alterations to existing buildings to ensure compliance with the building design and fire protection standards as adopted by the State of Virginia as part of the Virginia Uniform Statewide Building Code (VUSBC). Projects are complex due to size, multiplicity of structures, advanced design of installed systems, and advanced construction methods and techniques.

Specific duties include:

- Interpreting and enforcing codes, regulations and ordinances for compliance with the International Building Code, International Fire Code, NFPA Standards, and the VUSBC as applicable;
- Conducting field visits to evaluate smoke control, alarm, and sprinkler systems as needed;
- Conducting field surveys of buildings as requested; and assisting inspectors with exceptional or unusual inspection issues;
- Cross referencing plan reviews with Construction Plans Examiners, Engineers in the Department of Environmental Services, and the Office of the Fire Marshal;
- Providing code consultation services to builders, developers, engineers, property owners, architects and other governmental agencies;
- Representing the Division and the County at meetings and public hearings as required; and
- Developing, participating in, and defending code change proposals at local, state, and national arenas.

The successful candidate will possess the following skills:

- Considerable knowledge of and the ability to apply modern principles and practices of the fire protection technical field;
- Considerable knowledge of and the ability to analyze architectural plans, engineering plans, site plans, and shop drawings;
- Knowledge of and a commitment to, customer-service and client-focused service-delivery systems;
• Knowledge of computer applications relevant to the field;
• Skill in reaching agreement with architects, engineers, developers, contractors, and
government professionals to bring about compliance with applicable permitting,
engineering, and code requirements;
• Ability to establish and maintain effective working relationships with diverse staff,
community representatives, clients, and professional peers; and
• Excellent oral and written communication skills.

**SELECTION CRITERIA**

**Minimum: Fire Protection Engineer I/II:** Bachelor’s degree in Fire Protection Engineering
or related field plus one year of professional engineering experience in construction, plan
review, code interpretation/development, or inspections of fire protection systems.

**Certifications:**

**Fire Protection Engineer I:** Possession of Virginia Department of Housing and Community
Development (DHCD) Fire Protection Plans Examiner Certification upon employment or within
12 months of employment.

**Fire Protection Engineer II:** Possession of DHCD Fire Protection Plans Examiner
Certification PLUS completion of the requirements to obtain an additional ICC plan review
certification in qualifying discipline (e.g. plumbing, structural, building, mechanical, and/or
electrical), OR possession or a Registered Design Professional license.

**Substitution:** Completion of the requirements for graduation from an accredited college or
university with a Master’s Degree in Fire Protection Engineering or closely related engineering
field may substitute for the Bachelor's Degree and the one year of experience. Additional
qualifying experience may substitute for the education requirement on a year for year basis.

**Desirable:** Preference may be given to applicants with one or more of the following:

• Working experience with the International Building Code, International Fire Code, NFPA
  Standards, and the VUSBC;
• Experience reading and interpreting construction documents, specifications, codes, regulations
  and/or ordinances;
• Experience responding to public inquiries; and
• NICET Sprinkler or Fire Alarm certification.

**SPECIAL REQUIREMENTS**

• Certification by DHCD as a Fire Plans Examiner is required within 12 months of
  employment;
• Employee must successfully complete the Virginia Code Academy Core Module training
  within 12 months of employment;
• Applicant must obtain, by the time of appointment, a valid motor vehicle operator's
  license from the applicant's place of residence and the applicant must authorize
  Arlington County to obtain, or the applicant must provide a copy of the applicant's
  official state/district driving record. Any offer of employment may be contingent upon a
  favorable review of the applicant's driving record.

**ADDITIONAL INFORMATION**

This is a 40 hours per week position, Monday through Friday.

Please complete each section of the application. A resume may be attached; however, it will
not substitute for the completed application. Incomplete applications will not be considered.
Salary:
Fire Protection Engineer I -- $64,272.00 - $98,176.00
Fire Protection Engineer II -- $68,723.20 - $105,019.20

All applicants must submit an online application (unless the job announcement states otherwise) for each position for which they wish to apply. The application must be submitted by the posted deadline.

To apply online go to https://careers.arlingtonva.us/, click on Apply Now, scroll down the alphabetical list of job titles and click on the one in which you have an interest. The link to the employment application (APPLY) is found on each job announcement. Once completed, your application information remains in the system for you to review, edit and submit for future Arlington job openings.

Applicants who have questions or need assistance with the application may telephone (703) 228-3500 or visit the Human Resources Department. Our staff will be happy to work with you to get your application into the system. Public access computers are available at all County Libraries, and in the Human Resources Department.

The examination for this position may include one or more of the following: (1) evaluation of training and experience; (2) written and oral examination; (3) performance test; (4) personal interview; and (5) physical examination.

Applicants with disabilities may request reasonable accommodation during the application or selection process. Please call the ADA Coordinator at 703-228-3559 (voice) or email pers@arlingtonva.us.

ARLINGTON COUNTY
HUMAN RESOURCES DEPARTMENT
2100 Clarendon Blvd, Suite 511
Arlington, VA 22201
703-228-3500 from 8:00 am - 5:00 pm, weekdays;
or e-mail
(no resumes to this e-mail address, please)

Posting Date: 09/21/18

FIRE PROTECTION ENGINEER I/II Supplemental Questionnaire

* 1. How many years of experience in construction, plan review, code interpretation/development, or inspections of fire protection systems do you have?
   - None
   - Less than 6 months
   - 6 months but less than 1 year
   - 1 but less than 2 years
   - 3 years or more

* 2. Do you have a Bachelor's degree in Fire Protection Engineering or related field?
   - Yes
   - No

* 3. How much experience do you have as a Fire Plans Examiner, or closely related area?
* 4. Please check which of the ICC exams you have passed.
   - None
   - Fire Plans Examiner
   - Commercial Fire Alarm Plans Examiner
   - Commercial Fire Sprinkler Plans Examiner
   - Other (list in question 6)

* 5. I am certified in:
   - Virginia Fire Protection Plans Examiner
   - Virginia Commercial Building Plans Examiner
   - ICC Commercial Building Plans Examiner
   - ICC Fire Plans Examiner
   - Other Certification (list in question 6)
   - Not certified

6. If you checked "Other" under questions 4 and 5, please list the other exams you have passed and/or the other state(s) in which you are certified.

* 7. Please attach a cover letter to the on-line application or use the space below to describe your experience and accomplishments regarding plan review of commercial projects. If you do not have this experience write n/a.

* Required Question