Fire Protection Engineer

DEPARTMENT OF ENERGY
Department of Energy - Agency Wide
Office of Environmental Management - Savannah River Operations Office

Summary

This position is part of the Office of Environmental Management - Savannah River Operations Office, Department of Energy. As a Fire Protection Engineer, you will serve as a technical specialist and point-of-contact in the field of fire prevention, fire protection, and life safety engineering providing oversight for the fire protection and prevention engineering programs and other life safety requirements and controls to ensure the safety of workers, visitors, and the general public.

Overview

Open & closing dates
10/11/2022 to 10/24/2022

This job will close when we have received 50 applications which may be sooner than the closing date. Learn more (https://www.usajobs.gov//Help/how-to/job-announcement/closing-types/#applicant-cut-off).

Salary
$66,214 - $103,176 per year

Pay scale & grade
GS 11 - 12

Location
2 vacancies in the following location:

Aiken, SC
**Remote job**
No

**Telework eligible**
Yes—as determined by the agency policy.

**Travel Required**
Occasional travel - You may be expected to travel for this position.

**Relocation expenses reimbursed**
Yes—You may qualify for reimbursement of relocation expenses in accordance with agency policy.

**Appointment type**
Permanent -

**Work schedule**
Full-time -

**Service**
Competitive

**Promotion potential**
13

**Job family (Series)**
0804 Fire Protection Engineering
([Search/Results?]=0804)

**Supervisory status**
No

**Security clearance**
Q Access Authorization
([/Help/faq/job-announcement/security-clearances/])

**Drug test**
Yes

**Position sensitivity and risk**
Critical Sensitive (CS)/High Risk

Trust determination process
Credentialing
Suitability/Fitness
National security

Announcement number
22-SR-00437-11669760-DE

Control number
682439300

This job is open to

Career transition (CTAP, ICTAP, RPL)
Federal employees who meet the definition of a "surplus" or "displaced" employee.

The public
U.S. Citizens, Nationals or those who owe allegiance to the U.S.

Clarification from the agency
All U.S. Citizens

Duties

As a Fire Protection Engineer, you will:
Serve as a fire protection engineer performing oversight of Federal site and contractor fire protection and prevention programs ensuring programs comply with applicable codes, requirements, regulations, DOE Orders, standards, guides, and practices.

Write assessment criteria, scoping documents, and resource and review plans for site facilities to determine the effectiveness of implementation of the DOE fire protection requirements, as well as those pertaining to industrial safety requirements and controls assuring workers, the general public, and government property are protected from the hazards of fire.

Provide evaluation input, identify areas requiring management attention, and independently recommend corrective action if analysis indicates potential problems or noncompliance. Keep management informed of the status of the fire protection programs, fire protection issues, assessment findings, recommendations, and other matters.

Evaluate the design and execution of engineered fire protection, fire suppression, fire prevention, fire detection, mass notification, accessibility, and life safety designs for nuclear and non-nuclear buildings/facilities in operation and/or under construction.

Provide guidance and identify risks, vulnerabilities, adverse conditions, and weaknesses in the fire protection and industrial safety programs.

Prepare plans, procedures, reports, graphs, and charts, and deliver programmatic briefings to all levels of DOE-SRS management documenting research and analyses findings.

Requirements

Conditions of Employment

• May be required to successfully complete a probationary period.

• You must be a United States Citizen.

• This employer participates in the e-Verify program.

• Males must abide by Selective Service registration requirements.

• Subject to satisfactory security and suitability requirements

• Obtain and maintain a Q level security clearance.

• This position is a Testing Designated Position (TDP) subject to applicant testing and random drug testing.

• Occasional travel may be required.

• This position is not included in a Bargaining Agreement.

• This position is included in the Department of Energy's Technical Qualification Program (TQP).

• Telework is in accordance with agency policy and at the supervisor's discretion.

Qualifications
**BASIC REQUIREMENTS:** You must meet the Basic Requirement listed in the "Education Requirements" section and the "Specialized Experience" to qualify for this series as described below.

**SPECIALIZED EXPERIENCE REQUIREMENTS:**

For **GS-12**: A qualified candidate's online application and resume must demonstrate at least one year of specialized experience equivalent to the next lower grade level (GS-11) in the Federal service. Specialized experience for this position is defined as:

Experience overseeing fire protection and prevention programs and/or other life safety requirements and controls to ensure the safety of the workers, visitors, and general public, promoting the incorporation of recognized practices and/or requirements of fire protection and prevention.

For **GS-11**: A qualified candidate's online application and resume must demonstrate at least one year of specialized experience equivalent to the next lower grade level (GS-09) in the Federal service. Specialized experience for this position is defined as:

Experience overseeing fire protection and prevention programs and/or other life safety requirements and controls to ensure the safety of the workers, visitors, and general public.

The OPM Group Qualification Standard for this position is: [General Schedule Qualification Standards](https://www.opm.gov/policy-data-overview/classification-qualifications/general-schedule-qualification-standards/)

The Individual Occupational Requirement for this position is: [all-professional-engineering-positions-0800.pdf](https://www.opm.gov/policy-data-overview/classification-qualifications/)

"Experience" refers to paid and unpaid experience. Examples of qualifying unpaid experience may include: volunteer work done through National Service programs (such as Peace Corps and AmeriCorps); as well as work for other community-based philanthropic and social organizations. Volunteer work helps build critical competencies, knowledge, and skills; and can provide valuable training and experience that translates directly to paid employment. You will receive credit for all qualifying experience, including volunteer experience.

**CTAP/ICTAP candidates:** To be considered "well qualified" you must meet all of the requirements as described in this section.

You must meet all qualifications and eligibility requirements by the closing date of this announcement.

**Education**

A Degree: Engineering. To be acceptable, the program must: (1) lead to a bachelor's degree in a school of engineering with at least one program accredited by ABET; or (2) include differential and integral calculus and courses (more advanced than first-year physics and chemistry) in five of the following seven areas of engineering science or physics: (a) statics, dynamics; (b) strength of materials (stress-strain relationships); (c) fluid mechanics, hydraulics; (d) thermodynamics; (e) electrical fields and circuits; (f) nature and properties of materials (relating particle and aggregate structure to properties); and (g) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics.
B. Combination of education and experience – college-level education, training, and/or technical experience that furnished (1) a thorough knowledge of the physical and mathematical sciences underlying engineering, and (2) a good understanding, both theoretical and practical, of the engineering sciences and techniques and their applications to one of the branches of engineering. The adequacy of such background must be demonstrated by one of the following:

1. Professional registration or licensure – Current registration as an Engineer Intern (EI), Engineer in Training (EIT), or licensure as a Professional Engineer (PE) by any State, the District of Columbia, Guam, or Puerto Rico. Absent other means of qualifying under this standard, those applicants who achieved such registration by means other than written test (e.g., State grandfather or eminence provisions) are eligible only for positions that are within or closely related to the specialty field of their registration. For example, an applicant who attains registration through a State Board's eminence provision as a manufacturing engineer typically would be rated eligible only for manufacturing engineering positions. For more information about EI and EIT registration requirements, please visit the National Society of Professional Engineers website at: http://www.nspe.org.

2. Written Test – Evidence of having successfully passed the Fundamentals of Engineering (FE) examination or any other written test required for professional. The FE examination is not administered by the U. S. Office of Personnel Management. For more information, please visit: http://www.nspe.org/Licensure/HowtoGetLicensed/index.html.

3. Specified academic courses – Successful completion of at least 60 semester hours of courses in the physical, mathematical, and engineering sciences and that included the courses specified in the basic requirements under paragraph A. The courses must be fully acceptable toward meeting the requirements of an engineering program as described in paragraph A.

4. Related curriculum – Successful completion of a curriculum leading to a bachelor's degree in an appropriate scientific field, e.g., engineering technology, physics, chemistry, architecture, computer science, mathematics, hydrology, or geology, may be accepted in lieu of a bachelor's degree in engineering, provided the applicant has had at least 1 year of professional engineering experience acquired under professional engineering supervision and guidance. Ordinarily there should be either an established plan of intensive training to develop professional engineering competence, or several years of prior professional engineering-type experience, e.g., in interdisciplinary positions. (The above examples of related curricula are not all inclusive.)

Education must be obtained from an accredited institution recognized by the U.S. Department of Education. Foreign education must be reviewed by an organization recognized by the U.S. Department of Education. For special instructions pertaining to foreign education and a list of organizations that can evaluate foreign education, see the Department of Education website.
(http://go.usa.gov/29DP)

Additional information

The U.S. Department of Energy fosters a diverse and inclusive workplace and is an Equal Opportunity Employer.

- New employees to the Department of Energy will be required to successfully pass the E-Verify employment verification check. To learn about E-Verify, including your rights and responsibilities, visit www.dhs.gov/E-Verify.
Veterans and persons with disabilities are encouraged to apply. For more information, please visit the [USCIS website](https://www.uscis.gov/e-verify).

If you believe that you are eligible for the Interagency Career Transition Assistance Program (ICTAP), please visit the [OPM ICTAP/CTAP website](http://go.usa.gov/29A9) for more information. In order to be considered under the ICTAP program, your application must score within the pre-established "well qualified" category as stated in the Qualifications section.

More than one selection may be made from this vacancy announcement.

Some positions may require completion of a probationary period of up to 1 (one) year.

Many positions require successful completion of a background investigation.

Your performance appraisal and incentive awards will be given due consideration in the selection process based on their relation to the duties of the position and the consistency with which they may be considered in evaluating you against other candidates.

Hiring incentives (e.g., relocation incentive, recruitment incentive, etc.) may be authorized in accordance with agency policy and if funding is available.

**Benefits**

A career with the U.S. government provides employees with a comprehensive benefits package. As a federal employee, you and your family will have access to a range of benefits that are designed to make your federal career very rewarding. [Learn more about federal benefits](https://www.usajobs.gov/Help/working-in-government/benefits).

Eligibility for benefits depends on the type of position you hold and whether your position is full-time, part-time or intermittent. Contact the hiring agency for more information on the specific benefits offered.

**How You Will Be Evaluated**

You will be evaluated for this job based on how well you meet the qualifications above.

You will be evaluated for this job based on how well you meet the qualifications above.
Once the application process is complete, your resume and supporting documentation will be used to determine whether you meet the job qualifications. If you are minimally qualified for this job, your responses to the self-assessment questions (True/False, Yes/No, Multiple Choice questions) will be evaluated and you will be placed into one of three pre-defined quality categories under Category Rating procedures. These categories are "Best Qualified", "Well Qualified", and "Qualified. If you rate yourself higher than is supported by your application materials, your responses may be adjusted and/or you may be excluded from consideration for this job.

Your qualifications will be evaluated on the following competencies (knowledge, skills, abilities and other characteristics):

- Fire Management
- Oral Communication
- Safety Engineering
- Standards
- Technical Competence
- Written Communication

**Application of Veterans' Preference:** If you are a preference eligible candidate, you will be listed at the top of whichever quality category your rating places you in. CP/CPS veterans are placed at the top of the highest category for all positions except professional and scientific positions at GS-9 and higher.

**Career Transition Assistance Programs:** To receive selection priority for this position, you must: 1) meet the eligibility criteria; and 2) be rated "well-qualified", which is defined as scoring in the in Well Qualified category (or higher).

You must meet all qualifications and eligibility requirements by the closing date (10/24/2022) of this announcement.

To preview the Assessment Questionnaire, click [https://apply.usastaffing.gov/ViewQuestionnaire/11669760](https://apply.usastaffing.gov/ViewQuestionnaire/11669760).

## Required Documents

To apply for this position, you **MUST** provide a complete application package which includes:

- Your **RESUME** showing all relevant work experience (paid and unpaid) including: duties performed; full name and address of each employer; start and end dates (month/day/year); work schedule (part-time, full-time, number of hours if intermittent); salary; and any completed education and training (program title, subject area, number of hours completed, and completion date).

- **Cover Letter, optional**, expressing additional information not covered in your resume.
• Transcripts, if specific educational requirements are indicated in this job announcement. Unofficial transcripts or any report listing institution, course title, credits earned (semester or quarter hour) and final grade is acceptable. It is your responsibility to provide adequate proof that you meet the educational requirements.

• Veterans' Preference documentation, if applicable, DD-214 Member Copy 4 showing type of discharge/character of service; current active duty members—certification of expected discharge or release from active duty under honorable conditions dated within 120 days; SF-15 Form and related documentation; VA letter. For more information visit the USAJOBS Help Center (https://www.usajobs.gov/Help/working-in-government/unique-hiring-paths/veterans/) & OPM CHCOC website for VOW (https://chcoc.gov/content/vow-veterans-opportunity-work-hire-heroes-act-2011) information.

• Career Transition Assistance Program/Interagency Career Transition Assistance Program documentation, if applicable (e.g., Certification of Expected Separation, Reduction-In-Force Separation Notice, or Notice of Proposed Removal; SF-50 that documents the RIF separation action; and most recent performance appraisal.) For more information see the OPM Guide to Career Transition (http://www.opm.gov/policy-data-oversight/workforce-restructuring/employee-guide-to-career-transition/).

Failure to submit any of the above mentioned required documents may result in loss of consideration due to an incomplete application package. It is your responsibility to ensure all required documents have been submitted.

If you are relying on your education to meet qualification requirements:

Education must be accredited by an accrediting institution recognized by the U.S. Department of Education in order for it to be credited towards qualifications. Therefore, provide only the attendance and/or degrees from schools accredited by accrediting institutions recognized by the U.S. Department of Education (http://www.ed.gov/admins/finaid/accred/).

Failure to provide all of the required information as stated in this vacancy announcement may result in an ineligible rating or may affect the overall rating.

How to Apply

Please read the entire announcement and all the instructions before you begin an application. To apply for this position, you must complete the initial online application, to include submission of the required documentation specified in the Required Documents section. A complete application package must be submitted by 11:59 PM (EST) on the announcement closing date to receive consideration.

The application process is as follows:
1. You must have a login.gov account to sign into USAJOBS: https://www.usajobs.gov/Help/how-to/account/

2. To begin the application process in USAJOBS, click the Apply Online button.

3. Answer the questions presented in the application and attach all required and supporting documentation.

4. You must click the Submit Application button prior to 11:59 pm (ET) on the announcement closing date.

You may update your application, including supporting documentation, at any time during the announcement open period by returning to your USAJOBS account, select Update Application: https://my.usajobs.gov/Account/Login

This option will no longer be available once the announcement has closed.

To verify the status of your application, during and after the announcement open period, log into your USAJOBS account; applications will appear on the Welcome screen. The Application Status will appear along with the date your application was last updated. For information on what each application status means, visit: https://www.usajobs.gov/Help/how-to/application/status/

If you need help with login.gov or USAJOBS (e.g., account access, Resume Builder) visit the USAJOBS Help Center: https://www.usajobs.gov/Help/

If you experience difficulty applying on USAJOBS, after clicking the Apply Online button, or you are experiencing a significant hardship hindering your ability to apply online, the Agency Contact listed in the announcement can assist you during normal business hours. If you receive any system error messages, take screenshots if possible, to aid technical support.

**Agency contact information**

Kelly Coleman

**Email**  
kelly.coyleman@hq.doe.gov

**Address**  
Office of Environmental Management - Savannah River Operations Office  
P.O. Box 5088  
Oak Ridge, TN 37831  
US

Learn more about this agency

(#agency-modal-trigger)
Next steps

Once your online application is submitted you will receive a confirmation notification by email. The status of your application will be updated in USAJOBS as it is evaluated.

You can check the status by logging into USAJOBS. You may also sign up to receive automatic emails anytime the status of your application changes by logging into your USAJobs Account and editing the Notification Settings.

You will be contacted directly if an interview is required.

Fair & Transparent

The Federal hiring process is set up to be fair and transparent. Please read the following guidance.

Equal Employment Opportunity (EEO) Policy
(//Help/equal-employment-opportunity/)

Financial suitability
(//Help/working-in-government/fair-and-transparent/financial-suitability/)

New employee probationary period
(//Help/working-in-government/fair-and-transparent/probationary-period/)

Privacy Act
(//Help/working-in-government/fair-and-transparent/privacy-act/)

Reasonable accommodation policy
(//Help/reasonable-accommodation/)

Selective Service
(//Help/working-in-government/fair-and-transparent/selective-service/)

Signature and false statements
(//Help/working-in-government/fair-and-transparent/signature-false-statements/)

Social security number request
(//Help/working-in-government/fair-and-transparent/social-security-number/)