Fire Protection Engineer

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
John F. Kennedy Space Center

Overview

Open & closing dates
Opening and closing dates 07/16/2018 to 07/20/2018

Salary
$103,607 to $134,689 per year

Pay scale & grade
GS 14

Work schedule
Full-Time

Appointment type
Permanent

Location

1 vacancy in the following location:

Kennedy Space Center, FL

1 vacancy
This job is open to

**The public**
U.S. citizens, nationals or those who owe allegiance to the U.S.

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**Duties**

**Summary**

Serves as the Authority having Jurisdiction (AHJ) /Fire Protection Engineer (licensed Professional Engineer) in the Kennedy Space Center Protective Services Office (PSO). The PSO AHJ manages KSC's Fire Protection Program that play a vital role in the in the protection of NASA, contractors, and Commercial partners: people, assets and property.

[Learn more about this agency](https://www.usajobs.gov/GetJob/ViewDetails/504768000)

**Responsibilities**

Serves as the Center expert for Fire Protection Engineering (licensed Professional Engineer) in the Protective Services Office of the Spaceport Integration and Services Directorate. Responsible for managing NASA, Contractor, Commercial partners engineers and specialists in the planning, directing, and coordinating of activities concerned with: Kennedy Space Center's (KSC) Fire Protection Program and as an alternate for KSC's Emergency Preparedness Program.
Works under the general supervision of the Protective Services Chief, who establishes broad boundaries of responsibility, provides general guidance on program objectives and operating parameters.

Expected to plan and accomplish the office functions with a substantial independence, and decisions and recommendations made by incumbent with respect to flight systems, fire/rescue, fire prevention, fire protection engineering, are accepted as authoritative and are not reviewed except for compatibility with other program objectives and for impact on resources. Completed work is reviewed for adherence to overall policy and to assure the accomplishment of broad NASA/KSC program objectives.

Personnel work contacts on a day-to-day basis are with all levels of technical and management personnel (civil service and contractor) at KSC and other NASA Centers, NASA Headquarters, other Government agencies and Commercial Partners for the purpose of Fire Protection planning, coordinating, validating, defining program goals and objectives, and maintaining surveillance over their implementation.

**Supervisory status**
No

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**Who May Apply**

This job is open to...
U.S. citizens and U.S. nationals

Questions? This job is open to 1 group.

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**Job family (Series)**

0804 Fire Protection Engineering

**Similar jobs**

Engineers, Fire Protection
Requirements

Conditions of Employment

• A one-year probationary period may be required

• Successful completion of a security investigation will be required

• Selectee must pass a pre-employment physical examination

• Selectee must complete a financial disclosure statement

• Position subject to random drug testing

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

To receive consideration, you must submit a resume and answer NASA-specific questions. The NASA questions appear after you submit your resume and are transferred to the NASA web site. If you successfully apply, USAJOBS will show your application status as 'Received'. If your status is 'Application Status Not Available', you have not successfully applied. Do not rely on a USAJOBS email to confirm successful application. Only an email from NASA confirms a successful application.

As a Federal employee you are required by Federal statutes and regulations to avoid certain potential financial conflicts of interest and assignments in which it may appear that you could act partially. See 18 U.S.C. 208 & 5 C.F.R. 2635.502.

Deliberate attempts to falsify your application information, such as copying portions of this job announcement into your resume, may result in you being removed from consideration for this position.

Pay may be set in accordance with the General Pay Provisions delineated in NPR
3530.1C.

**Qualifications**

Applicant must have one year of specialized experience equivalent to the next lower grade, which has equipped the applicant with the particular competencies needed to successfully perform the duties of the position described above.

One year of specialized experience:

Experience formulating projects in all matters of fire prevention and life safety.
Experience implementing fire protection projects and investigations.

Experience providing technical engineering guidance and advice pertaining to Fire Protection; initiating and providing input to revise pertinent portions of specifications, technical manuals, standard designs, criteria and guidelines pertaining to Fire protection; reviewing quality of all fire protection engineering design and construction features for various disciplines.

**Education**

Basic Requirements:

A. Degree: Bachelor's degree (or higher degree) in 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.

OR

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.

2. Written Test: Evidence of having successfully passed the Fundamentals of Engineering (FE) examination or any other written test required for professional registration by an engineering licensure board in the various States, the District of Columbia, Guam, and Puerto Rico.

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.

Please indicate the name of your college, major, degree and completion date in the education section.

Additional information
Any applicant tentatively selected for this position may be required to undergo a pre-employment background investigation. Individuals who have special priority selection rights under the Agency Career Transition Assistance Program (CTAP) or the Interagency Career Transition Assistance Program (ICTAP) must be well qualified for the position.

**How You Will Be Evaluated**

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

NASA uses an automated system (Resumix) that matches the competencies extracted from your resume to the competencies identified by the selecting official for the position.

**Background checks and security clearance**

Security clearance

Secret

**Required Documents**

NASA's application process has been specifically developed to ensure that we only ask you for the information we absolutely need to evaluate your qualifications and eligibility. In order to apply for this position, you only need to submit your resume and answer the screening questions and supplemental information. No additional documentation is accepted at the time of application. (For example you need not submit narrative 'KSA' statements; they are not required and will not be evaluated.) In this way we allow you to focus on preparing a resume that best describes your background and abilities. For assistance in preparing your resume, consult the Applicant Guide. Nothing further is required until requested by the Human Resources Office. At that point, we may ask you to submit documentation to support statements made in your resume. For example, we may ask you to provide academic transcripts or proof of Federal employment status. If you are claiming veterans' preference, we may ask you to submit proof of veterans preference (DD-214, and, if claiming 10-point preference, SF-15 plus proof required by that form). If you fail to provide the required documents within the stated time period, we
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.

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.

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.

Review our 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 to Apply

This vacancy is being filled through NASA STARS, an automated Staffing and Recruitment System. NASA partners with USAJOBS in providing a seamless application process. Before you begin the application process, please read the vacancy announcement carefully and have all required information available. You may begin the

Read more
Next steps

Candidates for NASA positions are evaluated using our automated staffing and recruitment system, NASA STARS, which compares your skills and experience as described in your resume with the requirements of the position. If you are found to be a highly qualified candidate you will be referred to the selecting official for further

Read more

Fair & Transparent

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

Equal Employment Opportunity Policy

The United States Government does not discriminate in employment on the basis of race, color, religion, sex (including pregnancy and gender identity), national origin, political affiliation, sexual orientation, marital status, disability, genetic information, age, membership in an employee organization retaliation parental status military service or
Reasonable Accommodation Policy

Federal agencies must provide reasonable accommodation to applicants with disabilities where appropriate. Applicants requiring reasonable accommodation for any part of the application process should follow the instructions in the job opportunity announcement. For any part of the remaining hiring process, applicants should contact the hiring agency.

Legal and regulatory guidance

Financial suitability
Privacy Act
Selective Service
Social security number request
Signature and false statements
New employee probationary period

Job Applications

All
Advancing
Paused
Stopped

Account

Home
Profile
Documents
Saved Jobs
Saved Searches

Help

Help Center