Fire Protection Engineer

Goddard Space Flight Center

1 vacancy in the following location:

- Greenbelt, MD

Work Schedule is Full Time - Permanent

Opened Wednesday 6/8/2016 (1 day(s) ago)

Closes Thursday 6/23/2016 (14 day(s) away)

- **Salary Range**
  
  $55,666.00 to $100,736.00 / Per Year

- **Series & Grade**
  
  GS-0804-9/12

- **Promotion Potential**
  
  13

- **Supervisory Status**
  
  No

- **Who May Apply**

  Open to current Federal employees serving on a career or career-conditional appointment, former Federal employees eligible for reinstatement, or those eligible for non-competitive appointment under special authorities. NASA term employees with term conversion eligibility under P.L. 108-201 may also apply. Veterans who are preference eligibles or who have been separated from the armed forces under honorable conditions after 3 or more years of continuous active service may apply.

- **Control Number**
  
  441208100

- **Job Announcement Number**
  
  GS16C0193
Job Description

Job Summary

About the Agency

The Management Operations Directorate, (Code 200) seeks a highly motivated individual to serve as a Fire Protection Engineer to establish and maintaining surveillance over various kinds of hazardous functions and work processes, such as fault tree analysis, failure mode and effect analysis, and other risk a management tools.

COMMENTS:

Please be sure to review your resume on the "Review tab" by clicking on "Your Resume" tab. Ensure that the correct copy of the resume you have selected has been transferred from your USAJOBS account. If you fail to validate the information in your resume, you may not be appropriately evaluated for this position. Also, please be sure to review and complete the Supplemental Information questions.

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 identical vacancies are identified, additional selections may be made.

If you are an individual with a disability and have questions regarding the Federal special hiring authorities for individuals with disabilities or would like to request a reasonable accommodation for the application or hiring process, please contact the Disability Program Manager by email at gsfc-disability-programs@mail.nasa.gov. Goddard Space Flight Center offers a wide array of reasonable accommodations and programs for individuals with disabilities including onsite sign language interpreters, readers, and is a participating agency with the Computer Electronics Accommodations Program.

(NOTE: For additional information for job seekers with disabilities, please copy and paste the following address into your browser: https://www.opm.gov/policy-data-oversight/disability-employment/hiring/)

This position is being announced in conjunction with vacancy announcement number GS16D0052 open to all U.S. citizens. Only one position will be filled as a result of these two vacancy announcements.

Please list your General Schedule (GS) equivalency on your resume for every federal position you have held.
**Duties**

The duties described below are for the full-performance level. At developmental grade levels, assignments will be of more limited scope, performed with less independence and limited complexity.

As a Fire Protection Engineer, you will act as the final authority on issues affecting fire protection systems, policies, and related procedures in the Management Operations Directorate. Implement and direct the Directorate's Fire Prevention Program which includes the facility fire inspection program, hot-work permit issuance program, fire extinguisher installation, maintenance, and inspection program. Conduct an industrial fire safety program that meets or exceeds federal and agency requirements. Provide ongoing guidance and leadership to Facilities Management Division (FMD) and the Directorate regarding its Fire Prevention Program.

You will implement and direct the Directorate's Fire Prevention Program which includes the facility fire inspection program, hot-work permit issuance program, fire extinguisher installation, maintenance, and inspection program.

You will maintain technical insight into the cause and the plan of action when damaged, failed, or otherwise nonconforming hardware, equipment, or systems are encountered.

You will plan, guide, coordinate, and manage the work of resources engaged in accomplishing the missions and functions of the organization. Perform periodic review and analysis to assess achievement of major goals.

**Job Requirements**

**Key Requirements**

- Occasional travel may be required.
- Successful completion of a security investigation will be required.

**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.

For the GS-9 level, you must have one year of specialized experience, equivalent to at least the GS-7 level in the Federal Service, which equipped you with the competencies required to perform successfully the duties of the position.

Specialized experience for the GS-09 level is interpreting guidelines in fire prevention systems. Experience providing guidance in the design/renovation of buildings. Experience in reviewing fire codes, building codes in facilities system safety.
OR

Applicants may substitute the following education for the specialized experience requirements:
A Master's or equivalent graduate degree in a related field, or 2 full years of progressively higher
level graduate education leading to such a degree. Applicants may qualify based on a
combination of the experience and education requirements described above.

For the GS-11, you must have one year of specialized experience, equivalent to at least the GS-9
level in the Federal Service, which equipped you with the competencies required to perform
successfully the duties of the position.

Specialized experience for the GS-11 level is interpreting and applying guidelines in fire
prevention systems. Experience in all matters of fire prevention and life safety. Experience
implementing fire protection projects.

OR

Applicants may substitute the following education for the specialized experience requirements:
A Ph.D. or equivalent doctoral degree in a related field, or 3 full years of progressively higher
level graduate education leading to such a degree. Applicants may qualify based on a
combination of the experience and education requirements described above.

For the GS-12, you must have one year of specialized experience equivalent to at least the GS-11
level in the Federal Service, which has equipped you with the particular competencies needed to
successfully perform the duties of the position.

Specialized experience for the GS-12 level is implementing a wide range of complex guidelines
in fire prevention systems and programs. Experience formulating projects in all matters of fire
prevention and life safety. Experience implementing fire protection projects and investigations.

Degree: professional engineering. To be acceptable, the curriculum must: (1) be in a school of
engineering with at least one curriculum accredited by the Accreditation Board for Engineering
and Technology (ABET) as a professional engineering curriculum; 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
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 professional 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:

Professional registration -- Current registration as a professional engineer 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. U.S. citizenship is required.

Security Clearance

Public Trust - Background Investigation

Additional Information

What To Expect Next

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 consideration. (In some cases, individuals with priority for special consideration must be considered and selected before other candidates.) Whether or not you are contacted for an interview depends upon the location of the position and the judgment of the selecting official. At NASA, we pride ourselves on efficient and timely recruitment actions, and you can normally expect to learn the outcome of the selection process in a fairly short period of time. In addition, to ensure that you can measure progress for yourself, NASA provides you with regularly updated information on the status of the vacancy announcement.

BENEFITS

Review our benefits

Other Information

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 to receive consideration for special priority selection. See 'How You Will Be Evaluated' for definition of well qualified. Federal employees seeking
CTAP/ICTAP consideration must indicate their eligibility when applying for a position. The USAJOBS resume asks you to identify your ICTAP eligibility; the NASA Supplemental Information asks you to identify your CTAP eligibility. If you are selected for the position, you must be prepared to submit proof that you meet the requirements for CTAP/ICTAP. This includes a copy of the agency notice, a copy of their most recent Performance Rating and a copy of their most recent SF-50 noting current position, grade level, and duty location.

Qualified NASA term employees who have term conversion eligibility under the NASA Flexibility Act of 2004 will be referred and considered equally with other NASA permanent employees under internal competitive placement procedures.

Your USAJOBS account asks you to assign a name to each of your resumes. When you apply to a NASA position, we will show you the text of the resume you have submitted, but we do not maintain the name you have assigned to that resume. If you wish to keep track of that information, we recommend you make note of it at the time you apply.

Fair Employment Opportunities for Applicants

Identification of promotion potential in this position does not constitute a commitment or an obligation on the part of management to promote the employee. Promotion will depend upon administrative approval and the continuing need for an actual assignment and performance of higher level duties.

Current Federal employees must meet time in grade and three months after competitive appointment restrictions by the closing date of the announcement.

The payment of relocation expenses is not authorized.

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 process of submitting your resume by clicking on the 'Apply Online' link. In order to be considered, you must submit a resume completed on the USAJOBS site. When completing your USAJOBS resume, please remember that NASA limits resumes to approximately 32,000 characters including spaces. NASA does not accept resumes uploaded to USAJOBS from a second source or documents attached through USAJOBS' document attachment feature. Once you submit your resume to NASA, you will be asked to complete a short series of additional questions. You must finish the entire process in order to have a complete application package and receive consideration. Your answers will not be saved unless you finish the entire application. You may edit a previously-submitted application, if the announcement is still open. If you are unable to apply electronically for this position, submit your resume and supplemental questions to:
National Aeronautics and Space Administration (NASA)
DO NOT submit your resume directly to the Center advertising this vacancy. Mailed resumes must be received by the close of business on the closing date of the announcement. Hard copy resumes requirements are provided at: [Hard Copy Resume Requirements](#). If you are a first time applicant, we recommend that you review NASA's [ Applicant Guide](#) to ensure that you are providing a complete resume. Failure to submit the supplemental data and a resume that contains all of the required information may result in loss of consideration for positions in which you are interested. All applications must be received no later than midnight Eastern Time on the closing date of the announcement.

**How You Will Be Evaluated**

Resumes will be rated by an automated system (Resumix) that matches the competencies extracted from the candidate's resume to the competencies identified by the selecting official for the position. Candidates will be evaluated on the competencies they possess that are directly related to the duties of the job, as described in the announcement. Candidates should refer to NASA's [ Applicant Guide](#) for assistance in developing a complete resume, as NASA will not accept separate KSA statements.

Qualified candidates will be assigned to one of three quality levels based on the degree to which their competencies meet the duties required. A human resources specialist will validate the qualifications of those candidates eligible to be referred to the selecting official. For the purpose of the Career Transition Assistance Program (CTAP) and the Interagency Career Transition Assistance Program (ICTAP), candidates rated in the top quality level are considered well-qualified.

**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 may withdraw a job offer and/or remove you from further consideration.
National Aeronautics and Space Administration

Goddard Space Flight Center

Contact

Talent Acquisition Office
Phone: 301-286-3691
Email: GSFC-TAO@mail.nasa.gov

Address

Goddard Space Flight Center
4200 Rideout Road, Mailstop HS50
Marshall Space Flight Center
AL
US

EEO Policy Statement | Reasonable Accommodation Policy Statement | Veterans Information | Legal and Regulatory Guidance