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 (2 day(s) ago)

Closes Thursday 6/23/2016 (13 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**
  This announcement is open to all qualified U.S. citizens.

- **Control Number**
  441208300

- **Job Announcement Number**
  GS16D0052

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Job Overview

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". 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. Be sure to review and complete the Supplemental Information questions.

To receive consideration, 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 announced in conjunction with a Merit Promotion vacancy announcement number, GS16C0193. Current and former Federal employees, disabled Veterans, candidates with 3 or more years of active duty military service, and candidates eligible for special hiring authorities wishing to be considered under merit promotion procedures may apply to vacancy announcement, GS16C0193. One position will be filled.

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

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**Goddard Space Flight Center**

**National Aeronautics and Space Administration**

**Goddard Space Flight Center**

**Contact**

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