**Job Title:**  Fire Protection Engineer, GS-804-7/9/11/12 (Open to Status and VEOA Applicants)
**MB**

**Department:**  Department Of Transportation

**Agency:**  Office of the Secretary of Transportation

**Job Announcement Number:**  OST.RVOLPE-2016-0074

**Salary Range:**  $45,512.00 to $101,067.00 / Per Year

**Open Period:**  Thursday, March 10, 2016 to Friday, March 25, 2016

**Series & Grade:**  GS-0804-07/12

**Position Information:**
- Full Time - Permanent
- Promotion Potential: 12

**Duty Locations:**
- 1 vacancy - Cambridge, MA

**Who May Apply:**
Current or former Federal employees with status OR Veterans eligible under VEOA

If you are NOT a status employee or VEOA eligible, you may wish to apply under announcement OST.RVOLPE-2016-0075, which is open to all U.S. citizens.

**Security Clearance:**
Public Trust - Background Investigation

**Supervisory Status:**
No

**Job Summary:**

About the Agency

-Advancing Transportation Innovation for the Public Good.

The Volpe Center is seeking a Fire Protection Engineer to work in our Environmental Science and Engineering Division. This vacancy is announced at the entry, intermediate or journey grade levels and may be filled at either level.

The **ideal Candidate** is a professional interested in joining our consulting team to support our clients investigating and identifying fire protection deficiencies at transportation related facilities. As a Fire Protection Engineer you will be responsible for performing assignments on
projects of national and international significance in the areas of fire protection, fire safety, fire protection engineering and onsite construction administration for the various modes of the DOT. The work emphasizes the employee’s background in fire protection engineering, fire and safety code interpretation and onsite construction administration. The ideal candidate will demonstrate the ability to work collaboratively with multidisciplinary teams and contributes to defining opportunities to expand current projects and technical work. S/he must have the ability to use judgment and ingenuity in evaluating and advocating strategies to resolve controversial issues or policies. If you enjoy working to develop solutions to problems, the application of innovative technologies and operational practices to make the transportation system more safe, effective, and efficient and enjoy working in a collaborative and entrepreneurial environment, then this job is for you.

When you work at the Volpe Center you work with people like you –talented professionals who enjoy applying their expertise in the service of others and resolving real-world transportation problems. We are located in the culturally diverse and academically rich city of Cambridge, MA (Kendall Square), and offer competitive benefits, and a flexible and family-friendly work environment including on-site child-care services.

**TRAVEL REQUIRED**

- Occasional Travel
- Travel Card IS Required.

**RELOCATION AUTHORIZED**

- No

**KEY REQUIREMENTS**

- Must be an eligible status candidate and meet specialized experience.
- Submit application and resume online by 11:59 PM ET on the closing date.
- Review Required Documents Section as documents are required by closing date
- Job announcement may be used to fill similar positions within 30 days.
- Position is telework eligible.
- Announcement also advertised open to US Citizens: OST.RVOLPE-2016-0075

**DUTIES:**

As a **Fire Protection Engineer** at the full performance level, you will:

- Plan and direct diverse field measurements of transportations-related fire life safety tasks which typically include survey of field sites, selection, calibration and installation of pertinent specialized equipment.
• Perform field survey work to determine fire protection and compliance status and identify deficiencies at air traffic control facilities.
• Utilize computer aided engineering and computation methods and their application methods to conduct and analyze designs, identify fire risk and proposed solutions.
• Define statements of work, develops government cost estimates, evaluates technical proposals and monitors contractor performance.
• Prepare technical reports and presentations outlining methods used, findings and conclusions.

QUALIFICATIONS REQUIRED:

To meet the minimum qualifications for this position, you must (1) meet the Education Requirement for the series, (2) provide a copy of transcripts for verification, AND (3) meet either the education or specialized experience requirements for the grade at which you are requesting consideration.

TO QUALIFY FOR THE GS-7:

On Education, you must have:

- One year of graduate-level education or superior academic achievement.

On Experience, you must have at least one full year of specialized experience equal or equivalent. It must include:

- Experience assisting in surveys using fire protection engineering theories, concepts, principles and methodologies.
- Experience assisting in drafting reports outlining methods used, findings, and conclusions.

You can also qualify on a combination of higher level graduate education and matching experience. This experience and education must be fully documented in your resume. If using education to qualify, you must provide supporting graduate level transcripts.

TO QUALIFY FOR THE GS-9:

On Education, you must have:

- Two years of progressively higher level graduate education leading to a master's degree or master's or equivalent graduate degree.

On Experience, you must have at least one full year of specialized experience equal or equivalent. It must include:
• Experience assisting higher level professionals perform field surveys using engineering principles, methods, and industry codes to identify fire protection deficiencies.
• Experience drafting technical reports and presentations outlining methods used, findings, and conclusions.

You can also qualify on a combination of higher level graduate education and matching experience. This experience and education must be fully documented in your resume. If using education to qualify, you must provide supporting graduate level transcripts.

TO QUALIFY FOR THE GS-11:

On Education, you must have:

• Three full years of progressively higher-level graduate education or Ph.D. or equivalent doctoral degree.

On Experience, you must have at least one full year of specialized experience equal or equivalent. It must include:

• Experience performing field surveys using engineering and construction principles, methods and models to identify fire protection deficiencies.
• Experience investigating fire safety discrepancies, conducting risk analyses and providing input in the preparation and presentation of reports that address findings and conclusions.

You can also qualify on a combination of higher level graduate education and matching experience. This experience and education must be fully documented in your resume. If using education to qualify, you must provide supporting graduate level transcripts.

TO QUALIFY FOR THE GS-12:

On Experience, you must have at least one full year of specialized experience equal or equivalent. It must include:

• Experience in transportation related fire protection safety, performing field surveys using engineering and construction principles, methods and models to identify fire protection deficiencies.
• Experience investigating fire safety discrepancies to include coordination with local technical personnel conducting risk analyses and preparing and presenting technical reports addressing findings and conclusions.

There is no educational substitute at this level.

Experience refers to paid and unpaid experience, including volunteer work done through National Service programs (e.g., Peace Corps, AmeriCorps) and other organizations (e.g., professional; philanthropic; religious; spiritual; community, student, social). 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.

**Applicants must meet all qualification requirements by the closing date of this announcement.**

**MANDATORY EDUCATION REQUIREMENT:**
All applicants must meet one of the following requirements to qualify for consideration for an engineering position:

Successful completion of a professional engineering degree at an accredited university or college

OR

Have a combination of college level education or training AND technical experience that has furnished you with

(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:

1. Professional registration as an engineer
2. Evidence of Passing the Engineer-in-Training Written Test
3. Successful documented completion of at least 60 semester hours of courses in the physical, mathematical, and engineering sciences as described by OPM.
4. Successful completion of a curriculum leading to a bachelor's degree in engineering technology or in an appropriate professional field and at least 1 year of professional engineering experience acquired under professional engineering supervision and guidance.

Please review the OPM page on specifics about required curriculum and for more information on qualifications, please visit [GS-800: All Professional Engineering Positions qualifications](#).

**CONDITIONS OF EMPLOYMENT:**

- **SELECTIVE SERVICE:** Males born after 12/31/1959 must be registered for the Selective Service.
- **Probationary Period** - You must complete a one-year probationary period (unless already completed).
- **Time-in-Grade** - Federal applicants must have served 52 weeks at the next lower grade to satisfy time-in-grade requirements contained in 5 CFR 300, Subpart F.
• **BACKGROUND INVESTIGATION:** A background security investigation is required for all selected individuals. Appointment will be subject to the applicant's successful completion of the security investigation and favorable adjudication. Failure to meet these requirements will be grounds for termination.

• **Government Travel Card** - You must be able to obtain and retain a Government contractor-issued travel card to be used for official business as a condition of employment.

**HOW YOU WILL BE EVALUATED:**

**DESCRIPTING YOUR EXPERIENCE: PLEASE BE CLEAR AND SPECIFIC. WE WILL NOT MAKE ASSUMPTIONS REGARDING YOUR EXPERIENCE.** If your resume/application does not support your questionnaire answers, we will not allow credit for your response(s). Your resume must contain sufficiently detailed information upon which to make a qualification determination. Please ensure that your resume contains specific information such as position titles, beginning and ending dates of employment for each position, average number of hours worked per week, and if the position is/was in the Federal government, you should provide the position series and grade level.

The Automated Staffing Office is ultimately responsible for determining your final rating. Please ensure that your resume and application provide enough detail to support your answers to the Vacancy Specific Questions. Your application will be rated on the extent and quality of your experience, education and training relevant to the position. Your answers to the Vacancy Specific questions, your self-determined rating, resume and supporting documentation are reviewed. If your resume and supporting documents do not support your answers to the Vacancy Specific Questions, your final rating may be modified.

To preview questions please [click here](#).

**BENEFITS:**

You can review our benefits at: [https://jobs.mgsapps.monster.com/dot/vacancy/preview!benefits.hms?orgId=2&jnum=74313](https://jobs.mgsapps.monster.com/dot/vacancy/preview!benefits.hms?orgId=2&jnum=74313)

**OTHER INFORMATION:**

Displaced employees may be eligible for ICTAP or CTAP priority consideration. For more information, please review [the OPM Employee's Guide to Career Transition](#).

**HOW TO APPLY:**
You must submit a complete application package (including resume, vacancy questions and supporting documents) no later than midnight Eastern Time on the closing date of the announcement.

- To begin, click the "Apply Online" button on the job announcement posting.
- Follow the directions to register, submit all required documents and complete the assessment questionnaire.
- You may review your saved application(s) at https://my.usajobs.gov.

If you are having difficulty applying online, please contact the DOT Automated Staffing Office during regular business hours (8:00 a.m. to 4:00 p.m. ET) at (202) 366-1298. You may also email us at Transjobs@dot.gov.

REQUIRED DOCUMENTS:

The following documents must be provided by the close date:

- **RESUME** - Needs to be created within USA Jobs Resume Builder. It must show relevant experience, education, and fully support the required specialized experience.
- **COMPLETED QUESTIONNAIRE** - entering "See Resume" or other non-responsive answers to the request for narrative information may lead to your disqualification from consideration.
- **TRANSCRIPTS (FOR THE GS-7/9/11)**: If you are using graduate level/PHD education in lieu of experience you must submit a copy of your college transcript.
- **TRANSCRIPTS** - Verifying that you meet the stated education requirements for the series OR an SF-50 showing that you have already qualified and worked in the federal service in this series. The transcripts need not be official. If you are qualifying based on possessing a current Professional Engineer (PE) license, or passing the Engineer in Training (EIT) exam, please provide a copy of PE license or written documented proof of passing the EIT.
- **SF-50** - Which verifies grade, full performance level of position, and eligibility for consideration as a status applicant.
- **DD214** - Verifying military service and eligibility for consideration under the Veterans Employment Opportunity Act.
- **SPECIAL APPOINTING AUTHORITY DOCUMENTS** - If requesting concurrent consideration for Non-competitive (NC) appointment eligibility (e.g. military spouse or persons with disabilities), you must provide appropriate supporting documentation such as PCS orders describing move & marriage certificate; letter from VA or DD214 describing 100% disability of spouse; letter from State Vocational Office certifying disability, etc. For more information, visit military spouse NC appointments or Persons with Disabilities NC appointments. Documents are only required if requesting non-competitive consideration.
- **DISPLACED EMPLOYEE PLACEMENT DOCUMENTS** - Only required if requesting priority consideration under CTAP/ICTAP. You must submit ALL of the following: (1) your most recent performance appraisal, (2) the proof of eligibility letter
from the Agency, and (3) your most current SF-50, displaying current series and grade. In addition, you must meet the well qualified standards for this vacancy (meeting minimum requirements for position and scoring at least an 78).

Applicants must meet all qualification requirements by the closing date of this announcement.

AGENCY CONTACT INFO:

Automated Staffing Office

Phone: 202-366-1298
Fax: 000-000-0000
Email: TRANSJOBS@dot.gov
Agency Information:
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1200 New Jersey Ave., SE / HAHR-50
Washington, DC
20590
US
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WHAT TO EXPECT NEXT:

You may check your application status by logging into USAJobs.com. (Select "My USAJOBS" and click "Applications"). Within two weeks of the closing date, a Human Resources Specialist will evaluate your application. Ratings will be determined based on the documents and information received by the closing date. Qualified candidates will be assigned a score between 70 and 100, not including points that may be assigned for veterans' preference. The most highly qualified candidates are then referred to the hiring manager for further consideration. If you are selected for an interview, we will contact you directly. Once the position is filled, we will notify all applicants of their final status.

Control Number: 432201400