Fire Protection Engineer  
Position Number: 150257

The Washington Metropolitan Area Transit Authority, one of the premier employers in the national capital region, is seeking an experienced Fire Protection Engineer to work on a variety of fire protection initiatives to include: drawing and specification review of fire protection systems to include sprinkler, deluge, clean agent, standpipe, pre-action, dry pipe, early suppression fast response, hydrants, fire pumps, fire dampers, smoke dampers, smoke evacuation management, fire stopping, smoke sensors, fire sensors, pull stations, alarm strobes, annunciator panels, safety and related systems.

The selected candidate will also:

Supervise WMATA mechanical engineers, technicians and consultants in fire protection related assignments.

Oversee and confer with the General Engineering Consultants (GEC) and Project Engineers concerning modifications to fire protection systems. Provide technical direction to GEC personnel when problems requiring deviation from standard practices occur.

Develop or oversee the development of test procedures for fire protection systems. Review and check principal calculations and assumption affecting the design and subsequent operation of fire protection systems required of WMATA’S transit operations.

Maintain continuous overview of the fire protection systems placed in WMATA's operations to determine the adequacy and effectiveness of fire protection engineering designs. Make attempts to resolve actual and potential problems that develop.

Prepare or review feasibility studies, special reports and investigations on problems that have to do with fire protection and fire and life safety systems, and their related user needs and requirements. Prepare cost estimates as required.

Stay abreast of state-of-the-art developments in the fire protection engineering field and applies those techniques and procedures to benefit WMATA's construction program and operations reconstruction work. Conduct periodic visits to field sites to provide advice and to conduct reviews.

Review fire protection equipment and system design criteria, developing new standards and guides as appropriate.

Perform other duties as assigned.
MINIMUM QUALIFICATIONS

Graduation from an accredited college or university with a Bachelor's Degree in Fire Protection or Fire Sciences Engineering. Seven (7) years of design experience, progressively responsible, comprehensive experience in the fire protection engineering field to include sprinkler design, fire detection, ventilation control, and engineering project management experience is required.

Or, an equivalent combination of twelve (12) years of experience and education in a related engineering field may be acceptable.

LICENSE/CERTIFICATE

Professional Engineer (PE) required in one of the following jurisdictions: District of Columbia, Maryland, or Virginia.

Possession of a current District of Columbia, Maryland, or Virginia motor vehicle operator’s license issued from jurisdiction of residence.

To apply visit www.wmata.com/careers. Search: Fire Protection Engineer or Forward your resume to James W. Moore, Corporate Recruiter.

jwmoore@wmata.com

Equal Opportunity Employer

WMATA is an equal opportunity/affirmative action employer. All qualified applicants receive consideration for employment without regard to race, color, creed, religion, national origin, sex, gender, gender identity, age, sexual orientation, genetic information, physical or mental disability, or status as a protected veteran, or any other status protected by applicable federal law, except where a bona fide occupational qualification exists. Our hiring process is designed to be accessible and free from discrimination