



Minnesota Department of Public Safety
State Fire Marshal Division
Job Announcement



Job Class: Engineer Senior or Engineering Specialist-Sr.
Who May Apply: Open to all qualified job seekers
Work Shift/Work Hours: Day Shift / 8:00 AM - 4:30 P.M.
Salary Range: \$26.58 - \$42.04 /hour; \$55,499 - \$87,780 /year
Employment Condition: Permanent, Full-Time

Working Title: Fire Protection Engineer
Date Posted: 07/20/2017 / **Closing Date:** 08/01/2017
Days of Work: Monday - Friday
Travel Required: Yes
Classified Status: Classified

Job Summary:

This position exists to reduce deaths, injuries, and property loss due to fires, explosions, and hazardous materials release. The duties of a fire protection engineer can include plan review and inspection to determine code compliance, technical review of engineering equivalency design submissions, fire and egress modeling, and fire reconstruction or forensics to support investigation. It is expected that the fire protection engineer will be a resource on performance-based fire protection design for the division and for local fire and building officials throughout the state. The fire protection engineer will also research the latest advances in fire protection, assist with development and adoption of codes, provide expertise and advice to management on technical matters, represent the Division on state and national committees, and provide training related to fire and life safety.

Minimum Qualifications:

1. Bachelor of Science degree (or higher) from an accredited school and two (2) years or more of experience with fire protection system design, inspections, and regulatory compliance (Engineering Specialist Senior)
2. Bachelor of Science degree (or higher) from an accredited school in Engineering (Engineer Senior)
3. State licensure as a professional engineer (Engineer Senior)
4. Knowledge of fire growth and spread; fire protection engineering principles; and the effects of fire and products of combustion on buildings, fire protection systems, and people
5. Experience as an instructor presenting technical information to audiences
6. Training or experience in applying fire codes, building codes, mechanical codes, or electrical codes
7. Training or experience creating or reviewing plans for buildings, facilities, or systems
8. Knowledge of computers / software necessary to review fire protection calculations and to complete reports and correspondence

Preferred Qualifications:

1. Bachelor of Science degree (or higher) from an accredited school in the field of Fire Protection Engineering
2. Experience interpreting and applying state and federal laws, fire codes, and fire protection standards
3. Certification as a Fire Inspector – Level II or above
4. Experience with computer fire modeling and computer-aided drafting (CAD)

Physical Requirements: This position requires occasionally lifting such articles as file boxes and/or heavier materials with help from others and/or lifting and carrying light objects frequently. The weights being lifted may be up to 50-60 pounds. This job also may require positioning self to move to a significant degree across rough terrain, under objects or into small spaces, or may involve maintaining a stationary position for extended periods. Also, this job may require driving long distances (some job assignments require driving to various areas of the state).

Additional Requirements:

It is the policy of the Department of Public Safety that all employees submit to a background investigation prior to employment, which includes the following components:

1. Criminal history
2. Reference check
3. Driver's License
4. Drug screen
5. Education Verification

Why Work For Us:

GREAT BENEFITS PACKAGE! The State of Minnesota offers a comprehensive benefits package including low cost medical and dental insurance, employer paid life insurance, short and long term disability, pre-tax flexible spending accounts, retirement plan, tax-deferred compensation, generous vacation and sick leave, and 11 paid holidays each year.

How to Apply:

Click [here](#) to apply. If that link doesn't work, Click [here](#) and search for "fire" or "fire protection engineer". If you are unable to apply online, please contact the job information line at 651.259.3637. For additional information about the application process, go to <https://mn.gov/mmb/careers/>

Contact:

If you have questions about the position, contact Kara Kreutzer at Kara.Kreutzer@state.mn.us or 651.201.7379