

**CITY OF MOUNTAIN VIEW
CLASS SPECIFICATION**

Position Title: Fire Protection Engineer	Job Family: 3
General Classification: Management	Job Grade: 39

Definition: Perform review of plans and specifications for buildings, building modifications, fire protection equipment, and systems for adherence to Federal, State, and local fire safety laws and codes; and conduct inspections of buildings, structures, and premises to enforce compliance with fire codes and regulations.

Distinguishing Characteristics: The Fire Protection Engineer (FPE) is an employee of the Fire Department attached to the Building Inspection Division of the Planning and Community Development Department. The FPE is accountable to the Fire Chief through the Chief Building Official for enforcement of fire and life safety codes with an emphasis on fire protection systems in new construction. As a member of the Development Review Team (includes Zoning Administrator, Building Inspection Division, Environmental Safety Division, etc.), the FPE works to ensure appropriate fire safety features are incorporated in new construction.

Examples of Duties: Duties may include, but are not limited to, the following:

1. Reviews plans and specifications of proposed buildings and building modifications for adherence to Federal, State, and local fire safety ordinances, laws, and codes.
2. Reviews plans and specifications for and performs inspections and acceptance tests on fire protection systems, such as heat and smoke detection systems, fire alarms, and sprinkler systems.
3. Reviews site development plans for proposed or existing buildings to ensure adequate water supplies, water distribution systems, fire hydrant availability, and Fire Department equipment access.
4. Reviews plans for compliance with fire and life safety requirements in accordance with Titles 19 and 24 of the California Administrative Code.
5. Conducts fire safety inspections of buildings, structures, premises, and installations to enforce compliance with Federal, State, and local fire safety laws, codes, and regulations.
6. Coordinates plan reviews with field inspection activities to ensure the provisions of all applicable State and local fire safety laws, codes, and regulations are enforced.

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7. Provides technical advice to City staff, architects, engineers, developers, building owners, the Fire Chief, City commissions and boards, and the general public on the interpretation or application of fire safety codes and regulations.
8. Conducts special studies regarding fire hazards, fire response systems, and other related fire protection services and makes recommendations for improving the City's fire protection services and its role in the development review process.
9. Works proactively with other City staff and departments to maintain, implement, and coordinate the City's development review process.

Minimum Qualifications:

Knowledge of: National, State, and local fire protection and fire inspection standards, laws, codes, and ordinances; structural fire protection; fire hazards control, extinguishing, and detection systems; and principles and practices of fire protection engineering.

Ability to: Evaluate, approve, and inspect various types of fire protection systems; analyze fire protection problems and develop objective solutions; make hydraulic calculations necessary to determine the adherence of fire extinguishing system plans to code requirements; analyze and evaluate statistical data; work with architects, engineers, developers, and the public in the planning and construction of buildings and the installation of fire protection devices; express ideas and communicate clearly and concisely, both orally and in writing; maintain records and prepare reports; work with minimal supervision in an efficient, well-organized manner to meet deadlines; establish and maintain cooperative work relationships with other governmental agencies, City employees, the general public, and various business and industrial establishments.

Experience and Training Guidelines: Any combination of experience and training will qualify if it provides for the required knowledge and abilities.

Bachelor's degree from an accredited college with major course work in fire protection engineering, or civil or mechanical engineering or a related field and three (3) years of increasingly responsible experience in fire protection engineering.

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Required Licenses or Certificates: Possession of a valid California driver's license.
Possession of a California State Registered FPE or PE preferred.

Established: July 1, 1993

Revised: February 2019

HRD/CLASS SPECS

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