

**CITY OF MOUNTAIN VIEW
CLASS SPECIFICATION**

Position Title: Fire Engineer/Hazardous Materials	Job Family: VIII
General Classification: Front-Line	Job Grade:

Definition: To mitigate hazardous materials (HazMat) incidents, suppress fires by operating apparatus and equipment, provide life-saving and rescue services, and perform hazard prevention and other related duties.

Distinguishing Characteristics: This class represents a firefighting specialty in that it focuses on operation and maintenance of HazMat and fire apparatus. Fire Engineers work under the supervision of a Fire Captain. There shall be one Engineer per shift assigned to the HazMat team. This Engineer shall be designated as Fire Engineer/Hazardous Materials. When qualified and assigned, may perform in the capacity of Fire Captain.

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

1. Responds with the Company to all alarms and/or emergency incidents.
2. Participates in all hazardous materials, fire control, and extinguishment, rescue, and emergency medical service activities as assigned.
3. Performs emergency medical services as an EMT.
4. Conducts fire prevention and hazardous materials inspections to eliminate hazards through the enforcement of related codes and providing safety education.
5. Maintains knowledge and skill at the highest level through participation in training and skill maintenance programs.
6. Performs routine maintenance and testing of apparatus and equipment to ensure reliability and safe operating condition as assigned.
7. Maintains fire station facilities, related grounds, and supplies in a readily available, safe, and usable condition as assigned.
8. Prepares reports and maintains records relating to fire apparatus and equipment. May assist in preparing training, fire prevention, and other related reports or records.
9. Maintains a level of physical fitness which meets job requirements.
10. Performs other related duties as assigned.

Minimum Qualifications:

Minimum Knowledge and Skills: All HazMat employees shall be Certified HazMat Technicians (State certified or its equivalent). Such employees will receive regular training and be subject to annual requalification and medical evaluations in accordance with the requirements of current Department of Labor Hazardous Waste Operations and Emergency Response Regulations. Such employees shall be subject to the requirements of pertinent State law.

Knowledge of: Modern principles and practices of fire prevention, suppression, rescue methods, emergency medical services, and City geography. Proper techniques of driving, operating, and maintenance of Fire Department apparatus. Principles of hydraulics and water systems.

Skill in: Interpreting departmental General Orders, current laws, rules, and regulations pertaining to hazard prevention and safety; identifying hazardous conditions and obtaining code compliance with minimal technical support; proper use and maintenance of firefighting, EMS, and HazMat equipment; maintenance of fire stations, facilities, and related grounds; providing emergency medical services at the EMT-1 level.

Additional Knowledge and Skills Required for Competent Performance: Skill in operating fire pumpers, aerial ladders, elevating platforms, and other firefighting apparatus; performing routine maintenance and testing of apparatus.

Ability to: Safely drive and operate all Fire Department apparatus.

Experience and Training Guidelines: A combination of relevant experience, education and training that satisfies the required minimum qualifications, knowledge, and abilities.

Two years of experience in fire suppression and fire prevention work. Department certification as a truck driver/operator and at least six months as a department-certified Relief Engineer. Completion of current Hazardous Materials Technician certification program.

Required Licenses or Certificates: Valid California Driver License approved by the California Department of Motor Vehicles to operate firefighting vehicles. Valid State of California or National Registry EMT certification or Paramedic license, Santa Clara County EMT or Paramedic credential, and CPR card, which meets American Heart Association guidelines at the health-care provider level.

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Working Conditions: Requires intermittent, strenuous physical effort and unavoidable exposure to hazardous environments which are inclusive of working in situations known to pose immediate danger to life and health (IDLH). Required to work various shifts, overtime, and on-call as assigned.

Established: February 1980

Revised: January 2023

HRD/CLASS SPECS

Fire Engineer/Hazardous Materials