

## HAZARDOUS MATERIALS INSPECTOR

*Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Class specifications are not intended to reflect all duties performed within the job.*

### **DEFINITION:**

Under general supervision, performs a variety of hazardous materials/hazardous waste inspections and regulatory enforcement activities in support of Certified Unified Program Agency (CUPA) programs; performs related fire code enforcement activities at hazardous materials facilities and businesses; may serve as a member of the District's Hazardous Materials Response Team (HMRT) responding to emergency hazardous materials/hazardous waste releases; and performs related work as required.

### **DISTINGUISHING CHARACTERISTICS:**

The Hazardous Materials Inspector is distinguished from the Fire Inspector II due to its focus on CUPA programs and related enforcement. Incumbents carry out all phases of CUPA programs, including performing complex inspection work, enforcing state and local hazardous materials regulations including fire code, local fire prevention ordinances, fire laws, and participating in hazardous materials related incident investigations.

This class is distinguished from the class of Fire Prevention Captain, which is responsible for supervision of a fire prevention program, and Hazardous Materials Captain that supervises and reviews the work of assigned staff within the Hazardous Materials division.

### **TYPICAL TASKS:**

- Conducts surveys and inspections of facilities which generate, store, handle, treat, or dispose of hazardous materials/hazardous wastes
- Reviews and approves hazardous materials business plans and inventories
- Collects material samples and takes photographs
- Conducts inspections of and issues and approves permits for the installation and removal of underground storage tanks
- Monitors underground storage tank tests and the collection of soil and groundwater samples
- Reviews and approves work plans for sites contaminated with hazardous materials/hazardous wastes and oversees ongoing mitigation efforts
- Issues notices of violation and/or initiates regulatory enforcement actions against individuals, agencies, and businesses violating hazardous materials laws/regulations
- Assists in the preparation of court cases and testifies in court proceedings
- Conducts industrial hygiene surveys and environmental monitoring to identify, evaluate, and control exposures to chemical and physical hazards in industry and the community

- Participates as an emergency response team member during chemical spills and other hazardous materials/hazardous wastes incidents, if assigned
- Makes immediate assessments of the environmental and public health impacts posed by the release of hazardous materials/hazardous wastes
- Conducts specialized tests to identify and categorize suspected hazardous materials/hazardous waste releases
- Participates in and/or provides technical oversight for hazardous material/hazardous waste clean-up operations
- Obtains and analyzes air, water and soil samples to determine levels of contamination
- Operates, maintains and field calibrates a variety of monitoring equipment
- Implements community notification procedures
- Acts as a liaison for the District with other agencies including law enforcement, ambulance services, public works and medical personnel
- May be assigned special program-specific projects
- Provides hazardous materials related field training to District employees
- Reviews and makes recommendations concerning the impacts of hazardous materials and wastes such as in Environmental Impact Reports
- May provide education and instruction to other staff, the business community, other public agencies and the general public
- Makes presentations to community groups, businesses and public agencies
- Responds to questions from the public, and to citizen complaints involving hazardous materials/hazardous waste issues
- Attends training sessions in order to maintain competency in assigned areas
- Prepares written reports and correspondence
- Responds to emergencies in support of Fire District operations

#### **MINIMUM QUALIFICATIONS:**

**License Required:** Possession of a valid California Motor Vehicle Operator's License. Out of state valid Motor Vehicle Operator's license will be accepted during the application process.

**Education:** Possession of a Bachelor's Degree from an accredited college or university with a major in biology, chemistry, industrial engineering, industrial hygiene, toxicology, environmental science, physical sciences, biological sciences, or a closely related field. Successful completion of at least thirty (30) semester or forty-six (46) quarter units as required by the State of California for the Certified Unified Program Agency (CUPA), which may include courses such as: Biology, Microbiology, Chemistry, Chemical Engineering, Physics, Physical Science, Environmental Science, Geology or Soil Science, Environmental Health, Environmental or Sanitary Engineering, Toxicology, Industrial Hygiene, Hazardous Materials Management, Fire Science or Fire Technology.

**Experience:** Two (2) years of full-time experience in one of the following areas:

- 1) performing hazardous materials/hazardous waste inspections; or
- 2) developing environmental regulatory programs; or
- 3) directing the technical operations of a facility which generates, stores, handles, treats, or disposes of hazardous materials; or
- 4) performing industrial hygiene or occupational health duties.

**Certificates and Training Required:**

Within 30 days of employment, appointees must satisfactorily complete the following:

- 1) Incumbents must be certified in accordance with HAZWOPER Occupational Health and Safety standards and maintain a certification meeting OSHA's Hazardous Waste Operation and Emergency Response standards (Title 8, Section 5192)

Within 180 days of employment, appointees must satisfactorily complete the following:

- 1) California Underground Storage Tank (UST) Inspector Certification, issued by International Code Council (ICC), as defined by CCR., Title 27

Within 12 months of employment, appointees must satisfactorily complete the following:

- 1) Aboveground Storage Tank Training, issued by CAL FIRE Office of State Fire Marshal, as defined by CCR., Title 27
- 2) California State Fire Service Training and Education courses: Fire Inspector 1A, 1B, 1C, and 1D.

Ongoing maintenance and obtaining of all certification(s) and training required to perform Unified Program inspections as defined by CCR, Title 27, or the related Health and Safety Code or California Code of Regulations is required.

**Other Requirements:**

**Physical Requirements:** Ability to meet such health standards as established by the District for the position, including annual respirator clearance.

**Special Requirements:** Hazardous Materials Response Team (HMRT) members are required to take and pass an annual medical/physical, which includes respirator authorization, as provided by the District.

**KNOWLEDGE, SKILLS, AND ABILITIES:**

**Knowledge of:**

- State and federal laws, rules and regulations pertaining to hazardous waste management and environmental and occupational health
- Public health and industrial hygiene, environmental sanitation and engineering principles and practices
- Methods, techniques and practices used in the determination and elimination of environmental health hazards in industry and in the community
- Principles of evaluation and control of air, water and noise quality
- Industrial hygiene instruments and test equipment
- Practices followed in generating, transporting and disposing of hazardous materials/waste
- Statistical methods and their applications
- Fire chemistry, fire behavior, fire prevention and safety principles and methods
- Codes, ordinances, laws and regulations governing fire prevention enforcement
- Regulations governing the proper storage and handling of flammable liquids, hazardous materials, explosives and other materials associated with hazardous conditions and operations
- California Code of Regulations, Title 24, parts 1-12.

**Ability to:**

- Conduct investigations, evaluate findings and prepare recommendations for the elimination and control of hazardous materials/wastes and occupational health conditions
- Provide work direction, education and instruction to other staff
- Write clear and concise reports
- Troubleshoot and field calibrate equipment
- Analyze and interpret statistical data relating to hazardous materials/wastes and occupational health issues
- Provide direction to and deal effectively with other employees, members of the business community, other public agencies and the general public
- Pass annual respiratory fitness exam and annual physical exam
- Research laws, regulations, codes, and ordinances
- Speak and write clearly and effectively
- Wear and maintain Personal Protective Equipment (PPE) to include a respirator; may wear and maintain self-contained breathing apparatus as needed

**Established: TBD**