



EMPLOYMENT OPPORTUNITY

CLASS: 6138
(rb1)

TITLE: Industrial Hygienist

SALARY: \$3,460-\$ 4,706 Biweekly

DEADLINE: November 13, 2009

POSTED: October 30, 2009

JOB DESCRIPTION:

Population Health and Prevention's Environmental Health Section (EHS) is accepting applications for one (1) full-time position in class 6138 Industrial Hygienist to conduct exposure and hazard assessment in community, residential, and workplace settings as a part of the Environmental Health Section's Environmental Hazard Assessment and Environmental Justice Team. **Pending budget approval.**

All City and County of San Francisco employees are designated Disaster Service Workers through state and local law (California Government Code Section 3100-3109). Employment with the City requires the affirmation of a loyalty oath to this effect. Employees are required to complete all Disaster Service Worker related training as assigned, and to return to work as ordered in the event of an emergency.

Appointment Type: Permanent and Provisional applicants encouraged to apply. Provisional applicants must participate in a Civil Service examination for this job classification to become permanent

ESSENTIAL DUTIES:

Under general supervision of the Principal Environmental Health Inspector, Manager of Noise, Air, Water, and Soil Quality Assessment and Prevention Programs, and other professionals on the Environmental Hazard Assessment and Environmental Justice Team, the industrial hygienist would conduct the following essential job functions:

- Participates as a team member in the Department's Environmental Hazard Assessment and Environmental Justice Team;
- Identifies and documents environmental human health hazards in diverse media and community settings;
- Identifies and documents hazard and pollutant emissions sources and exposure pathways;
- Conducts exposure assessments of air quality using available air quality monitoring and modeling techniques;
- Conducts exposure assessments of recreational or drinking water quality hazards;
- Conducts noise exposure monitoring and modeling;
- Conducts monitoring for ionizing, radio-frequency, and electro-magnetic radiation;
- Conducts indoor air quality assessments in residences and workplaces ;
- Supports the conduct of human health risk assessments through exposure assessment;
- Responds to community and public agency needs for environmental hazard assessment and regulatory responses;
- Evaluates and supports regulatory compliance with local environmental protection laws
- Manages environmental assessment data and data systems;
- Supports the development of new laws and regulatory approaches to protect environmental health and justice;
- Drafts or provides technical support in the issuance of public service announcements or other public notifications related to environmental hazards;
- Reviews environmental health analysis in Environment Impact Reports conducted under the California Environmental Quality Act;

- Prepares project proposals, reports, web publications, and scientific papers based on original research;
- Publishes and/or disseminates research and investigation findings;
- Supervises interns, data collection personnel and other junior staff;
- Presents assessment findings representing the Department as needed;
- Performs related duties as required.

MINIMUM QUALIFICATIONS:

1. Master's degree in Public Health with a specialization in Industrial Hygiene, Occupational Safety and Health, Environmental Health/Management, or an equivalent degree in a closely related field from an accredited college or university. All degrees must have major coursework in Industrial Hygiene; **AND**
2. Completion of two (2) years of professional industrial hygiene experience which must have included professional industrial hygiene activities including either hazardous materials management or identification, evaluation and control of occupational health hazards such as: noise, radiation, asbestos, various chemicals, etc. and must be comparable to duties of an Assistant Industrial Hygienist or journey level Industrial Hygienist for the City & County of San Francisco; **AND**
3. Possession of valid CA driver license; **AND**
4. Ability to wear all forms of respiratory protection; pass medical exams for work with asbestos and lead; and work around & with hazardous materials (a medical exam must be taken prior to employment).

SUBSTITUTION:

*An equivalent combination of a BA/BS degree from an accredited college or university in Industrial Hygiene, Environmental Health/Management, Occupational Safety & Health, Toxicology, Chemistry, Physics, Biology, Mechanical, Chemical or Sanitary Engineering or in a closely related major; four (4) years of professional Industrial Hygienist experience; and certification by the American Board of Industrial Hygiene as an Industrial Hygienist in Training or a Certified Industrial Hygienist can be used as a substitute for the above requirements. The degree must have included at least 60 credit hours distributed among undergraduate or graduate level courses in science, occupational safety and health, industrial hygiene, mathematics, engineering or technology, with at least 15 of those hours at the upper division level. Qualifying degrees in the physical sciences and engineering must include at least one (1) semester each of biology and chemistry

Verification/Waiver: Verification of qualifying experience, education, and/or training is required at the time of filing. Candidates unable to do so may submit a letter requesting a waiver of this requirement indicating the reason(s) verification cannot be obtained. Failure to submit verification or request for waiver will result in application rejection.

DESIRED QUALIFICATIONS:

- Knowledge of principles, theories and methods of environmental health;
- Knowledge of principles, theories and methods of human health hazard assessment;
- Experience with conducting environmental monitoring and modeling;
- Experience with the measurement of noise;
- Experience with air quality dispersion modeling software;
- Ability to prepare statistics and analyze data through the use of computer generated spreadsheets and statistical packages;
- Ability to function independently;
- Ability to participate in a multi-disciplinary research team;
- Experience in preparing scientific reports, grant proposals, publishable scientific papers, and oral presentations before a variety of scientific and public groups;
- Ability to maintain effective relationships with colleagues, subordinates, the medical community, research groups, funding agencies, contractors, the general public, the press, and other stakeholders.

APPLICATION PROCEDURE:

Interested individuals must submit a resume and City and County of San Francisco (CCSF) employment application to **Rajiv Bhatia, MD, Director, Environmental Health Section, 1390 Market Street, Suite 822, San Francisco, CA 94102. By November 13, 2009.** CCSF employment applications may be obtained from DPH Human Resources Services, 101 Grove Street, Room 210, SFGH Human Resource Services, 2789 – 25th Street, LHH Human Resource Services, 375 Laguna Honda Boulevard, or from the website identified below. Applicants with disabilities requiring reasonable accommodation during the interview process may contact the person/department listed. **www.dph.sf.ca.us**

**PLEASE NOTE: APPLICANTS MEETING THE MINIMUM QUALIFICATIONS
ARE NOT GUARANTEED AN INTERVIEW**

*The Department of Public Health is an Equal Opportunity Employer
Women, Minorities, and Persons with Disabilities are encouraged to apply*

HR USE ONLY: JOB CATEGORY 200

POSTED: October 30, 2009